

REVISED
GREATER ORLANDO AVIATION AUTHORITY
AGENDA

DATE: JUNE 17, 2020

DAY: WEDNESDAY

TIME: 2:00 P.M.

LIVE STREAM: www.orlandoairports.net

CISCOWEBEX: <https://goaa.webex.com/goaa/onstage/g.php?MTID=eaf19f86e3051fc28e0762bffb9b2655>

DIAL IN: 1-408-418-9388 / ACCESS CODE: 129-219-5343

Please note that all board meetings are held virtually until further notice (*Executive Order 20.69*).

If you would like to provide a **written statement** for the board meeting on an item being considered on the agenda, please send your statement to speaker.request@goaa.org by 1:00 p.m. Eastern Standard Time on June 17, 2020. Your statement will be read or summarized for the Board, depending on the length of the statement, and it will be included in the public record. If you would like to **speak** on an item being considered on the agenda, please send your request to speaker.request@goaa.org. All speaker requests must be received no later than 1:00 p.m. Eastern Standard Time on June 17, 2020. Each speaker is limited to 3 minutes. Include your name, who you represent, and the item on which you request to speak.


I. CALL TO ORDER

II. ROLL CALL

III. ~~CONSIDERATION OF AVIATION AUTHORITY MINUTES FOR MAY 20, 2020~~

IV. CONSENT AGENDA

(These items are considered routine and will be acted upon by the Aviation Authority in one motion. If discussion is requested on an item, it will be considered separately. Items under this section are less than \$1 million dollars)

- A. Recommendation to Accept Committee Minutes
- B. Recommendation of the Construction Committee to Approve an Addendum to the ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction Agreement with C&S Engineers, Inc. for Design Phase Architect/Engineer (A/E) Services for Project Bid Package (BP) No. 00045, ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction, at the Orlando Executive Airport (ORL)
- C. Recommendation of the Construction Committee to Approve Amendment No. 4 to Addendum No. 3 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for Project Bid Package (BP) No. S00142, South Terminal C, Phase 1, Airside Terminal Foundations (Guaranteed Maximum Price (GMP) No. 6-S) at the Orlando International Airport
- D. Recommendation of the Construction Committee to Approve Amendment No. 5 to Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for Project Bid Package (BP) No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors, Finishes and Specialties (Guaranteed Maximum Price (GMP) No. 6-S.4) at the Orlando International Airport
- E. Recommendation of the Construction Committee to Approve Change Order(s) to Various Contracts
- F. Recommendation to Approve an Amendment to the Lease Agreement, at Colonial Promenade Shopping Center, Orlando Executive Airport, with DMANSR Enterprises, Inc.
- G. Recommendation to Approve Amendment No. 1 to the Automated Retail Concession Agreement, at Orlando International Airport, with Prepango, LLC
- H. Recommendation of the Concessions/Procurement Committee to Award Invitation to Bid for Purchasing Contract No. 08-20, Offsite Records Storage Services, to VRC Companies, LLC
-  **REVISED** I. Recommendation to Approve a ~~MOA~~ ~~MOU~~ User Fee Facility Full Cost Recovery with U.S. Customs and Border Protection (CBP) for Customs Services at Orlando Executive Airport (OEA)
- J. Recommendation to Approve Operational Policy, Section 730.03, COVID-19 Protective Measures
- K. Recommendation to Dispose of Surplus Property

NOTE: Any person who desires to appeal any decision made at these meetings will need record of the proceedings and for that purpose may need to ensure that a verbatim record of the proceedings is made which includes the testimony and evidence upon which the appeal is to be based.

GREATER ORLANDO AVIATION AUTHORITY
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V. NEW BUSINESS

- A. Recommendation of the Construction Committee to Approve Amendment No. 6 to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for Project Bid Package (BP) No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (Guaranteed Maximum Price (GMP) No. 6-S.2) at the Orlando International Airport
- B. Recommendation of the Professional Services Committee for Project W-S00146, South Terminal C – Original Equipment Manufacturer (OEM) for Passenger Boarding Bridges and Affiliated Equipment, at the Orlando International Airport
- C. Recommendation of the Concessions/Procurement Committee to Award Invitation to Bid for Purchasing Contract No. 23-20, Specialized Commercial Cleaning Services, at Orlando International Airport, to Florida Cleaning Systems, Inc.

VI. INFORMATION SECTION

(No action is required on the item(s). Board members should feel free to ask questions on the item(s).)

- A. Notification of Chief Executive Officer Approvals for June 2020 Board Meeting
- B. Provisions of the Coronavirus Aid, Relief and Economic Security Act (CARES Act) pertaining to the Defined Contribution (401a) and Deferred Compensation (457b) Retirement Plans
- C. Transition of Retirement Plan Custody Services from Wells Fargo Retirement & Trust Services to Principal Financial Group for the Defined Contribution (401a) and Deferred Compensation (457b) Plans
- D. Notification of the Professional Services Committee's Approval of the Lists of Pre-Qualified Subcontractors/Suppliers for Major Trade Packages for the South Terminal C, Phase 1, Program, at the Orlando International Airport
- E. Construction Progress Report

For individuals who conduct lobbying activities with Aviation Authority employees or Board members, registration with the Aviation Authority is required each year prior to conducting any lobbying activities. A statement of expenditures incurred in connection with those lobbying instances should also be filed prior to April 1 of each year for the preceding year. As of January 16, 2013, lobbying any Aviation Authority Staff who are members of any committee responsible for ranking Proposals, Letters of Interest, Statements of Qualifications or Bids and thereafter forwarding those recommendations to the Board and/or Board Members is prohibited from the time that a Request for Proposals, Request for Letters of Interests, Request for Qualifications or Request for Bids is released to the time that the Board makes an award. The lobbyist shall file a Notice of Lobbying (Form 4) detailing each instance of lobbying to the Aviation Authority within 7 calendar days of such lobbying. As of January 16, 2013, Lobbyists will also provide a notice to the Aviation Authority when meeting with the Mayor of the City of Orlando or the Mayor of Orange County at their offices. The policy, forms, and instructions are available on the Aviation Authority's offices web site. Please contact the Director of Board Services with questions at (407) 825-2032.

NEXT SCHEDULED BOARD MEETING IS ON WEDNESDAY, JULY 15, 2020



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Dayci S. Burnette-Snyder, Director of Board Services
DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation to Accept Aviation Authority Committee Minutes

BACKGROUND

The following Aviation Authority Committee meeting minutes are provided in conjunction with the agenda package for the board meeting:

1. April 6 and April 20, 2020, Concessions/Procurement Committee
2. March 24 and March 31, 2020, Construction Committee
3. February 26, 2020 (2 sets), March 10 and March 24, 2020, Professional Services Committee
4. April 7, 2020, Construction Finance Oversight Committee

The minute's package is provided under separate cover on the website at:
www.orlandoairports.net

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept these minutes for filing.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Stanley J. Thornton, Chair, Construction Committee
DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve an Addendum to the ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction Agreement with C&S Engineers, Inc. for Design Phase Architect/Engineer (A/E) Services for Project Bid Package (BP) No. 00045, ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction, at the Orlando Executive Airport (ORL)

BACKGROUND

BP No. 00045 consists of the following:

- Rehabilitation of existing Taxiways F and G as identified in the Florida Department of Transportation (FDOT) 2015 and 2019 Airfield Pavement Management Program report. Construction work will include mill and overlay for the taxiway asphalt pavement and improvement for taxiway markings, lighting and signage.
- Removal of a portion of Taxiway F, approximately 400 feet long, situated diagonally between Runway 13-31 and its parallel Taxiway K for complying with the current Federal Aviation Administration (FAA) geometric standards which are required for runway incursion mitigation as identified in the FAA approved Airport Layout Plan Update in 2016. Construction work will include removal of existing taxiway pavement, all associated taxiway markings, lighting and signage, and replace the area with soil and sod.
- Construction of Taxiway E4, approximately 300 feet long, between Runway 13-31 and its parallel Taxiway K for complying with the current FAA geometric standards which are required for runway incursion mitigation as identified in the FAA approved Airport Layout Plan Update in 2016. Construction work will include a new asphalt taxiway and associated taxiway markings, lighting and signage.

ISSUES

A fee has been negotiated with C&S Engineers, Inc. for a total amount of \$245,850, to provide Design Phase A/E Services for BP No. 00045, ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction, at the Orlando Executive Airport. The scope of services includes, but is not limited to, project surveys, geotechnical/site investigations, utility verification, evaluation of potential impacts to aircraft flow during construction and runway closure, project design, preparation of bid documents (i.e., 50%, 90% and 100%), cost estimates, permitting documents, engineer's report, construction safety and phasing plan, project schedule, and as-built research. If approved, services will be effective the date of Aviation Authority Board approval.

The Aviation Authority has reviewed the proposal and determined that C&S Engineers, Inc. proposes to achieve 31% DBE participation for these services.

On April 28, 2020, the Construction Committee recommended approval of an Addendum to the ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction Agreement with C&S Engineers, Inc. for Design Phase A/E Services for BP No. 00045, ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction, at the Orlando Executive Airport, as outlined in the memorandum.

ALTERNATIVES

None

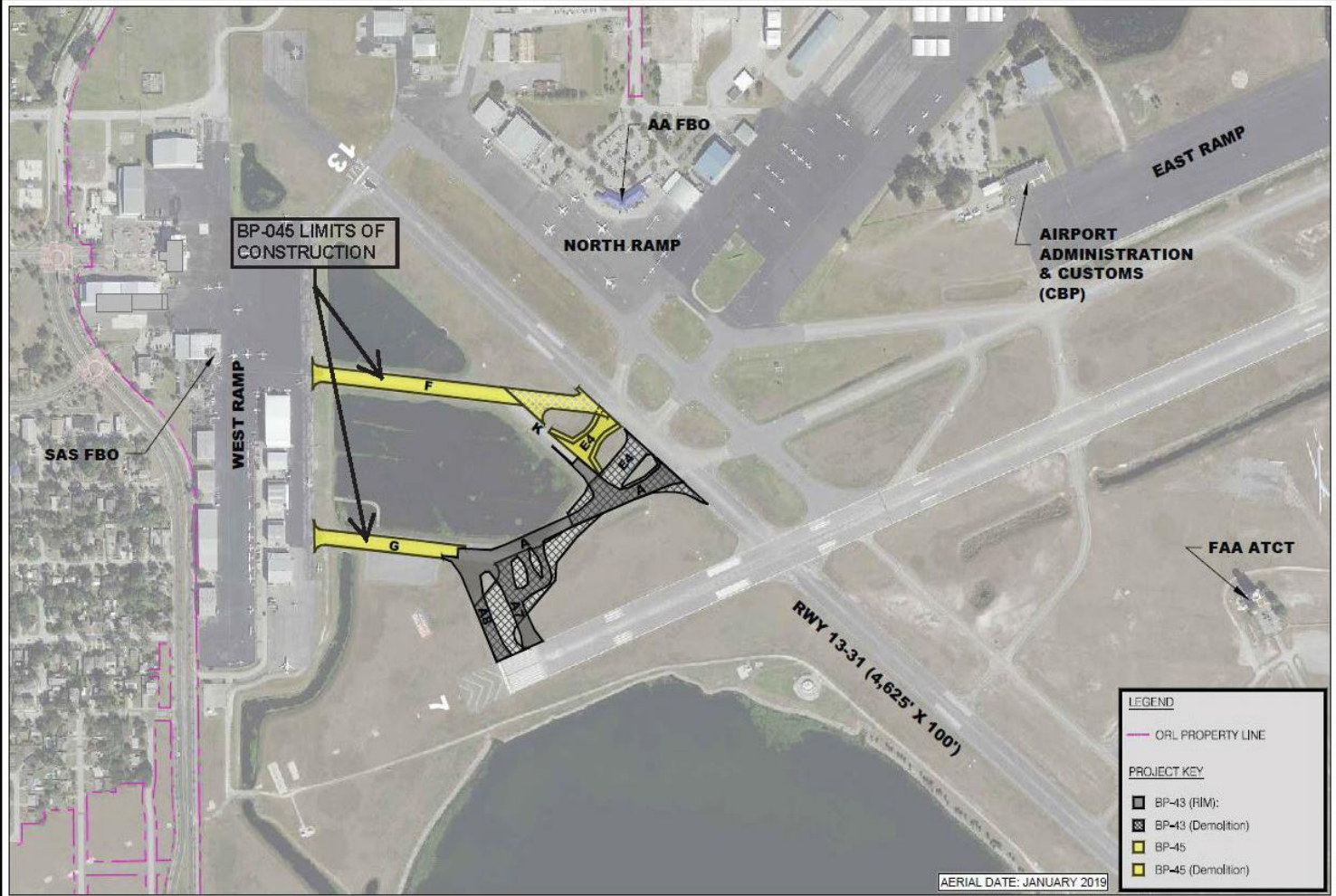
FISCAL IMPACT

The fiscal impact is \$245,850. Funding is from a 100% Federal Aviation Administration (FAA) Grant, which includes both Airport Improvement Program (AIP) and Coronavirus Aid, Relief, and Economic Security (CARES) Act funding.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and approve an Addendum to the ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction Agreement with C&S Engineers, Inc. for Design Phase A/E Services for BP No. 00045, ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction, at the Orlando Executive Airport, for a total amount of \$245,850, which includes a lump sum fee amount of \$201,008, a not-to-exceed fee amount of \$37,937, and a not-to-exceed reimbursable expenses amount of \$6,905, with funding from a 100% FAA Grant, which includes both AIP and CARES Act funding (Orlando City Council concurred to accept the grant and associated contracts on June 1, 2020); and, authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.

BP-00045, ORL Taxiways F and G Rehabilitation, and Taxiway E4 Construction at the Orlando Executive Airport





GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Stanley J. Thornton, Chair, Construction Committee

DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve Amendment No. 4 to Addendum No. 3 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for Project Bid Package (BP) No. S00142, South Terminal C, Phase 1, Airside Terminal Foundations (Guaranteed Maximum Price (GMP) No. 6-S) at the Orlando International Airport

BACKGROUND

The South Terminal C, Phase 1, Program provides for a world-class domestic and international airport terminal building, consisting of a new airside terminal with up to 24 airline gates and a landside terminal with both secure and non-secure areas, and may include, but is not limited to all associated improvements and infrastructure required or related thereto, such as site work, roadways, aprons, runways, taxiways, other airfield work, utilities, landscaping, lighting, walkways, pedestrian bridges, expansion of the parking garage, a new and/or expanded chiller plant, aircraft loading bridges, and all interior design, such as concessions planning, ticketing, and security improvements, and baggage handling systems.

On March 19, 2017, the Aviation Authority's Finance Committee approved the award of a Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement to Hensel Phelps Construction.

Under the CM@R Agreement, the CM@R is entitled to reimbursement and compensation for the following, upon acceptable performance:

- Direct cost of the work is the actual cost for the subcontractor costs, direct labor, materials, and equipment required to construct the work,
- Allowances are estimated dollar amounts that are separately identified in a GMP for the purpose of encumbering funds to cover certain costs that are not completely defined when the GMP is approved, but may be necessary to complete the Project. An allowance means that the scope is not fully known or additional review is needed to determine whether the item is reimbursable,
- General condition expenses, such as CM@R management staff, limited to those set forth in the CM@R Agreement,
- CM@R Contingency is the negotiated amount or percentage of the Cost of the Work to be utilized for over-budget buyout of the work and for increases in the cost due to unforeseen circumstances relating to construction of the project, except when deemed the responsibility of the Owner in accordance with the Agreement,
- Owner Contingency is an amount or percentage of the Cost of the Work to be utilized by the Owner for items deemed the responsibility of the Owner in accordance with the Agreement,

- Performance and Payment rate set forth in the CM@R Contract is 0.66%, and
- The CM@R Fee covers the CM@R's overhead, profit and all other costs not reimbursable under the CM@R Contract. For Hensel Phelps Construction, the CM@R Fee is 6.031%.

Cost of allowances, contingencies and insurance will not be incurred until approved by the Aviation Authority.

On October 18, 2017, the Aviation Authority Board approved Addendum No. 3 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction for BP No. S00142, South Terminal C, Phase 1, Airside Terminal Foundations (GMP No. 6-S) at the Orlando International Airport, for a total negotiated GMP amount of \$20,660,426.

On December 20, 2017, the Aviation Authority Board approved Amendment No. 1 to Addendum No. 3 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction for BP No. S00142, South Terminal C, Phase 1, Airside Terminal Foundations (GMP No. 6-S) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$3,118,859, resulting in a revised GMP amount of \$23,779,285.

On June 19, 2019, the Aviation Authority Board approved Amendment No. 2 to Addendum No. 3 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction for BP No. S00142, South Terminal C, Phase 1, Airside Terminal Foundations (GMP No. 6-S) at the Orlando International Airport, for a total negotiated GMP Amendment deductive amount of (\$1,104,709), resulting in a revised GMP amount of \$22,674,576.

On March 18, 2020, the Aviation Authority Board approved Amendment No. 3 to Addendum No. 3 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction for BP No. S00142, South Terminal C, Phase 1, Airside Terminal Foundations (GMP No. 6-S) at the Orlando International Airport, for a total negotiated deductive GMP Amendment amount of (\$732,434), resulting in a revised GMP amount of \$21,942,142.

The scope of BP No. S00142 provides for labor, equipment, and materials for cast-in-place concrete foundations, auger cast piles, and pressure-injected grout associated with the Airside Terminal Foundations for South Terminal C.

ISSUES

This amendment reduces the CM@R Contingency and Owner's Contingency to provide funding for other elements of the South Terminal C Program.

The Owner's Authorized Representative (i.e., Geotech Consultants International, Inc. dba GCI, Inc.) and Hensel Phelps Construction have reviewed the current financial status and progress of the work in BP No. S00142, and have determined that, in accordance with the contract documents, it is appropriate at this time to decrease the CM@R Contingency, Owner Contingency, and Performance and Payment Bond, including the associated CM@R fee amount, as shown below.

GMP	Original GMP Budget (A)	Current GMP Balance* (B)	Proposed GMP Amendment (C)	Proposed Revised GMP (D) = (B) + (C)
Direct Cost of Work	\$ 6,066,010	\$20,330,675	\$ 0	\$20,330,675
Unbought Scope	\$11,940,241	\$ 0	\$ 0	\$ 0
CM@R Contingency	\$ 900,313	\$ 180,260	(\$180,260)	\$ 0
Owner Contingency	\$ 450,156	\$ 46,615	(\$ 46,615)	\$ 0
SUBTOTAL:	\$19,356,720	\$20,557,550	(\$226,875)	\$20,330,675
Perf. & Payment Bond	\$ 136,302	\$ 144,766	(\$ 1,598)	\$ 143,168
Fee (6.031%)	\$ 1,167,404	\$ 1,239,826	(\$ 13,683)	\$ 1,226,143
Total GMP Addendum Cost:	\$20,660,426	\$21,942,142	(\$242,156)	\$21,699,986

*The Current GMP Balance amount shown in the above table represents the current budget as a result of authorized GMP subcontract awards and other budget reallocations as a result of the GMP buyout process and the awards of CM@R's contracts and/or purchase

orders through the Budget, Buyout and Contingency Management (BBC) requests approved by the Construction Committee through May 26, 2020. The GMP buyout process results in internal cost transfers between the different GMP elements within the GMP without changing the overall GMP amount previously-approved by the Aviation Authority Board.

The proposed deductive GMP Amendment for BP-S00142 does not have any impact on the small business participation for Construction Services.

On June 3, 2020, the Construction Committee recommended approval of Amendment No. 4 to Addendum No. 3 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction for BP No. S00142, South Terminal C, Phase 1, Airside Terminal Foundations (GMP No. 6-S) at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is (\$242,156). Funding is from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and approve Amendment No. 4 to Addendum No. 3 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction for BP No. S00142, South Terminal C, Phase 1, Airside Terminal Foundations (GMP No. 6-S) at the Orlando International Airport, for a total negotiated deductive GMP Amendment amount of (\$242,156), which includes a deductive amount of (\$180,260) for CM@R Contingency, a deductive amount of (\$46,615) for Owner Contingency, a deductive amount of (\$1,598) for Performance and Payment Bonds, and a deductive amount of (\$13,683) for the CM@R Fee (6.031%), resulting in a revised GMP amount of \$21,699,986, with funding from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Stanley J. Thornton, Chair, Construction Committee

DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve Amendment No. 5 to Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for Project Bid Package (BP) No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors, Finishes and Specialties (Guaranteed Maximum Price (GMP) No. 6-S.4) at the Orlando International Airport

BACKGROUND

The South Terminal C, Phase 1, Program provides for a world-class domestic and international airport terminal building, consisting of a new airside terminal with up to 24 airline gates and a landside terminal with both secure and non-secure areas, and may include, but is not limited to, all associated improvements and infrastructure required or related thereto, such as site work, roadways, aprons, runways, taxiways, other airfield work, utilities, landscaping, lighting, walkways, pedestrian bridges, expansion of the parking garage, a new and/or expanded chiller plant, aircraft loading bridges, and all interior design, such as concessions planning, ticketing, and security improvements, and baggage handling systems.

On March 19, 2017, the Aviation Authority's Finance Committee approved the award of a Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement to Hensel Phelps Construction.

Under the CM@R Agreement, the CM@R is entitled to reimbursement and compensation for the following, upon acceptable performance:

- Direct cost of the work is the actual cost for the subcontractor costs, direct labor, materials, and equipment required to construct the work,
- Allowances are estimated dollar amounts that are separately identified in a GMP for the purpose of encumbering funds to cover certain costs that are not completely defined when the GMP is approved, but may be necessary to complete the Project. An allowance means that the scope is not fully known or additional review is needed to determine whether the item is reimbursable,
- General condition expenses, such as CM@R management staff, limited to those set forth in the CM@R Agreement,
- CM@R Contingency is the negotiated amount or percentage of the Cost of the Work to be utilized for over-budget buyout of the work and for increases in the cost due to unforeseen circumstances relating to construction of the project, except when deemed the responsibility of the Owner in accordance with the Agreement,

- Owner Contingency is an amount or percentage of the Cost of the Work to be utilized by the Owner for items deemed the responsibility of the Owner in accordance with the Agreement,
- Performance and Payment rate set forth in the CM@R Contract is 0.66%, and
- The CM@R Fee covers the CM@R's overhead, profit and all other costs not reimbursable under the CM@R Contract. For Hensel Phelps Construction, the CM@R Fee is 6.031%.

Cost of allowances, contingencies and insurance will not be incurred until approved by the Aviation Authority.

On October 10, 2018, the Aviation Authority Board approved Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors, Finishes and Specialties (GMP No. 6-S.4) at the Orlando International Airport, for a total negotiated GMP amount of \$59,922,390.

On April 17, 2019, the Aviation Authority Board approved Amendment No. 1 to Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors, Finishes and Specialties (GMP No. 6-S.4) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$468,841, resulting in a revised GMP amount of \$60,391,231.

On June 19, 2019, the Aviation Authority Board approved Amendment No. 2 to Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors, Finishes and Specialties (GMP No. 6-S.4) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$1,552,997, resulting in a revised GMP amount of \$61,944,228.

On August 28, 2019, the Aviation Authority Board approved Amendment No. 3 to Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors, Finishes and Specialties (GMP No. 6-S.4) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$3,882,459, resulting in a revised GMP amount of \$65,826,687.

On November 13, 2019, the Aviation Authority Board approved Amendment No. 4 to Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors, Finishes and Specialties (GMP No. 6-S.4) at the Orlando International Airport, for a total negotiated deductive GMP Amendment amount of (\$1,601,027), resulting in a revised GMP amount of \$64,225,660.

The scope of BP No. S00168 includes the costs for the column covers, interior wall panels, tile, resilient tile and carpet, epoxy flooring, painting, interior specialties, roller window shades, bird control system, and low voltage systems.

ISSUES

This amendment reduces the Owner Contingency to provide funding for other elements of the South Terminal C Program.

The Owner's Authorized Representative (i.e., Geotech Consultants International, Inc. dba GCI, Inc.) and Hensel Phelps Construction have reviewed the current financial status and progress of the work in BP No. S00168, and have determined that, in accordance with the contract documents, it is appropriate at this time to decrease Owner Contingency and Performance and Payment Bond, including the associated CM@R fee amount, as shown below.

GMP	Original GMP Budget (A)	Current GMP Balance* (B)	Proposed GMP Amendment (C)	Proposed Revised GMP (D) = (B) + (C)
Direct Cost of Work	\$52,104,076	\$53,325,281	\$ 0	\$53,325,281
Unbought Scope	\$ 1,863,725	\$ 857,100	\$ 0	\$ 857,100
Allowances	(\$ 500,000)	\$ 0	\$ 0	\$ 0
CM@R Contingency	\$ 2,138,712	\$ 1,805,579	\$ 0	\$ 1,805,579
Owner's Contingency	\$ 534,678	\$ 4,184,957	(\$849,096)	\$ 3,335,861
SUBTOTAL:	\$56,141,191	\$60,172,917	(\$849,096)	\$59,323,821
Perf. & Payment Bond	\$ 395,324	\$ 423,714	(\$ 5,979)	\$ 417,735
Fee (6.031%)	\$ 3,385,875	\$ 3,629,029	(\$ 51,209)	\$ 3,577,820
Total GMP Addendum Cost:	\$59,922,390	\$64,225,660	(\$906,284)	\$63,319,376

*The Current GMP Balance amount shown in the above table represents the current budget as a result of authorized GMP subcontract awards and other budget reallocations as a result of the GMP buyout process and the awards of CM@R's contracts and/or purchase orders through the Budget, Buyout and Contingency Management (BBC) requests approved by the Construction Committee through May 26, 2020. The GMP buyout process results in internal cost transfers between the different GMP elements within the GMP without changing the overall GMP amount previously-approved by the Aviation Authority Board.

The proposed deductive GMP Amendment to BP No. S00168 does not have any impact on the small business participation.

On June 3, 2020, the Construction Committee recommended approval of Amendment No. 5 to Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors, Finishes and Specialties (GMP No. 6-S.4) at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is (\$906,284). Funding is from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and approve Amendment No. 5 to Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors Finishes and Specialties (GMP No. 6-S.4) at the Orlando International Airport, for a total negotiated deductive GMP Amendment amount of (\$906,284), which includes a deductive amount of (\$849,096) for Owner Contingency, a deductive amount of (\$5,979) for Performance and Payment Bond, and a deductive amount of (\$51,209) for the CM@R Fee (6.031%), resulting in a revised GMP amount of \$63,319,376, with funding from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Stanley J. Thornton, Chair, Construction Committee
DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve Change Order(s) to Various Contracts

BACKGROUND

At its meeting on May 26, and June 3, 2020, the Construction Committee recommended approval of the change order(s) as outlined in Attachment A.

ISSUES

The Aviation Authority reserves the right to recover premium and other costs from the responsible party, as applicable.

ALTERNATIVES

None.

FISCAL IMPACT

The funding source for each change order is outlined in Attachment A.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee to (1) approve Change Order No. BP-00482-04 in the amount of \$167,868.19 and a 97 calendar day time extension to Substantial Completion, with funding as outlined in Attachment A; (2) approve Change Order No. BP-00486-03 in the deductive amount of (\$155,984.37) and no time extension, and request Orlando City Council and Federal Aviation Administration (FAA) concurrence (as required because of FAA funding), with funding as outlined in Attachment A; (3) approve Change Order No. R-S00001-02 in the deductive amount of (\$25,000) and a 146 calendar day time extension to Substantial Completion, with funding as outlined in Attachment A; (4) approve Change Order No. V-00867-03 in the amount of \$63,240.42 and a 124 calendar day time extension to Substantial Completion, with funding as outlined in Attachment A; (5) approve Change Order No. V-S00008-06 in the amount of \$1,966.50 and a 267 calendar day time extension to Substantial Completion, with funding as outlined in Attachment A; and, (6) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the change order(s) following satisfactory review by legal counsel.

Change Order BP-00482-04

Construction Committee: June 3, 2020
Project: Gate E-50 and Checkpoint Charlie Development
Contractor: Carr & Collier, Inc.

Amount This Change Order: \$ 167,868.19 (3.6% of Original Contract Price)
Original Contract Amount: \$ 4,656,900.00
Previous Change Orders: \$ 201,216.72 (4.3% of Original Contract Price)
Revised Contract Amount: \$ 5,025,984.91

Time Extension: 97 calendar days for Substantial Completion.

Funding Source: Previously-approved Capital Expenditure Funds.

Description of Change: 1. Increase the Contract Time for Substantial Completion by 97 calendar days, from 220 calendar days to 317 calendar days, for delays associated with utility locates, delayed permit issuance, and City of Orlando inspection rescheduling. ADD: \$0; 2. Negotiated Settlement for project refinements to provide all labor, materials, and equipment for: (a) Additional asphalt pavement, Raised Pavement Markings (RPM), and flexible delineators in areas originally designed to be non-asphalt paving, in accordance with design drawings; (b) Ten bollards to protect aboveground equipment; (c) Install revised storm water system piping, structures, flumes/dissipaters, and canopy roof-drain system, in accordance with design drawings; (d) Install a gate valve on the main water lateral from Cargo Road; (e) Install 2,350 square yards of sod for disturbed areas outside of the north project limits; (f) Implement improvements to the electrical system, in accordance with design drawings; (g) Install an nVent Erico Interceptor ESE i-series Lightning Protection arrester system to allow for continuous operation of the checkpoint during inclement weather, in accordance with design drawings; (h) Install an under cabinet water heater for the restroom and janitor's closet fixtures in accordance the City of Orlando permit comments; and, (i) Install revised concrete canopy footings in accordance with the delegated structural engineer's design. ADD: \$233,140.34; 3. Negotiated Settlement for project refinements to: (a) Eliminate concrete curb, traffic separator, curb infill areas, and aggregate sub-base within the interior of the project limits; (b) Eliminate one gate arm from the Non-Airfield Operations Area (AOA) reject lane; (c) Eliminate two P-2 Inlet tops; (d) Eliminate the demolition of the high mast parking lot light; (e) Eliminate Orlando Utilities Commission connection for streetlights; (f) Eliminate original lightning protection system; (g) Eliminate original water heater from janitor's closet; and, (h) Savings from fill dirt provided by the Aviation Authority. DEDUCT: (\$65,272.15).

Reason for Change: 1. Unforeseen/Concealed Conditions: During utility installation and site work, several existing utilities had to be located by hand and roots had to be carefully removed from entangled buried utilities. Additionally, field located existing utilities were in conflict with proposed improvements requiring design adjustments and permit application revisions. The Contractor has submitted an impact schedule, which was reviewed by the Owner's Authorized Representative (OAR) team; 2. Owner Requested Change: Design Progression. As construction progressed and design adjustments were deemed necessary due to unforeseen conditions, the design was adjusted to capture opportunities to improve the operational functionality of the facility; and, 3. Owner Requested Change: Design Progression. As design adjustments were implemented into the design documents, opportunities for value engineering were implemented, resulting in further improvements of the operational functionality of the facility.

Change Order BP-00486-03

Construction Committee: June 3, 2020
Project: Runway 18L-36R Rehabilitation and Related Work
Contractor: Hubbard Construction Company

Amount This Change Order: (\$ 155,984.37) (-0.5% of Original Contract Price)
Original Contract Amount: \$30,049,745.78
Previous Change Orders: \$ 11,017.70 (0.0% of Original Contract Price)
Revised Contract Amount: \$29,904,779.11

Time Extension: None.

Attachment A (Page 2 of 4)

Funding Source: Federal Aviation Administration (FAA) and Florida Department of Transportation (FDOT) Grants to the extent eligible, previously-approved Capital Expenditure Funds, and General Airport Revenue Bonds.

Description of Change: Provide a credit for the procurement of a Tier 3 Generator as opposed to a Tier 4 Generator as required by Contract. It was determined that the lead time for the Tier 4 was not conducive to the construction dates provided per Contract. DEDUCT: (\$155,984.37)

Reason for Change: Owner Requested Change: During the procurement phase of BP-00486, it was noted to the Prime Contractor, Hubbard Construction Company, that the generator proposed by the electrical subcontractor did not meet the current Specification SP-109S-26 32 13.5 for the Outdoor Standby Power Generator. The prime contractor clarified that the lead time to approve and procure the Tier 4 Generator would not allow them to meet the August 9, 2020, substantial completion date. The lead time for the Tier 4 Generator was 32 weeks versus 22 weeks for the Tier 3 Generator. To meet the substantial completion date, the Owner's Authorized Representative (OAR) and Owner agreed that a Tier 3 generator was acceptable and modified the specification to a Tier 3 generator to meet the substantial completion date.

Change Order R-S00001-02

Construction Committee: May 26, 2020
Project: HBJ Warehouse Roof Replacement
Contractor: P&A Roofing and Sheet Metal, Inc.

Amount This Change Order: (\$ 25,000.00) (-3.4% of Original Contract Price)
Original Contract Amount: \$ 732,556.50
Previous Change Orders: \$ 18,500.00 (2.5% of Original Contract Price)
Revised Contract Amount: \$ 726,056.50

Time Extension: 146 calendar days to Substantial Completion.

Funding Source: Previously-approved Capital Expenditure Fund.

Description of Change: This is the final change order and includes the following: 1. Reduce the Allowance for Roof-Mounted Curbs for Heating, Ventilation and Air Conditioning (HVAC) Equipment by (\$25,000), from \$25,000 to \$0, for the unused portion of the Allowance. DEDUCT: (\$25,000); and 2. Increase the Contract Time for Substantial Completion by 146 calendar days, from 330 calendar days to 476 calendar days. ADD: \$0.

Reason for Change: 1. Owner Requested Change: Allowance Reconciliation. Reduce unused allowance from \$25,000 to \$0 due to roof mounted curbs for the HVAC system being provided by Project V-S00008. At time of job order contract, this scope was undefined between the two projects; and, 2. Owner Requested Change: Time Extension. Add 146 calendar days to Substantial Completion due to delays in receiving and installing the rooftop air handlers and roof curbs from a separate project (V-S00008), preventing roof work from being completed within the original contract duration.

Change Order V-00867-03

Construction Committee: June 3, 2020
Project: Centerfield Aircraft Rescue and Fire Fighting (ARFF) Administration Building
Contractor: R.L. Burns, Inc.

Amount This Change Order: \$ 58,976.77 (2.9% of Original Contract Price)
Original Contract Amount: \$ 2,025,867.00
Previous Change Orders: \$ 258,425.99 (12.8% of Original Contract Price)
Revised Contract Amount: \$ 2,343,269.76

Time Extension: 124 calendar days for Substantial Completion.

Funding Source: Previously-approved Capital Expenditure Funds.

Description of Change: This is the final change order and includes the following: 1. Provide all labor, equipment, and materials to perform the below listed changes to building power. (Reference Design Bulletin 03R1, Sheets E1-0, E2-0, and E4-1, as well as Request for Information (RFI) No. 37): (a) Revise routing to Orlando Utilities

Attachment A (Page 3 of 4)

Commission (OUC) transformer; (b) Increase size of emergency generator concrete pad; and, (c) Add circuit for the Generator Annunciator Panel (GAP). This change order replaces Field Change Order (FCO) No. 3. ADD: \$23,467.90; 2. Provide all labor, equipment, and materials to install bollards around the OUC transformer. ADD: \$6,902.83; 3. Provide all labor, equipment, and materials to add data outlets in Work Station Room 121, where Contract Documents do not make provisions for data outlets at all necessary work station locations. (Reference Request for Clarification (RFC) No. 006R2 and Sheet T-2.0). This change order replaces FCO No. 4. ADD: \$2,000; 4. Provide all labor, equipment, and materials to relocate the installed Variable Air Volume (VAV) in the mechanical room. (Reference RFI Nos. 42 and 53). ADD: \$623.15; 5. Provide all labor, equipment, and materials to shift proposed canopy footings determined to conflict with the existing planter foundation. (Reference RFI No. 56). ADD: \$606.29; 6. Provide all labor, equipment, and materials to re-route the condensate discharge to the exterior from the air handler unit. (Reference RFI No. 65). ADD: \$714.21; 7. Provide all labor, equipment, and materials to tie into an available irrigation source. (Reference RFI No. 64). ADD: \$10,916.27; 8. Provide all labor, equipment, and material to install temporary irrigation. ADD: \$3,766.72; 9. Provide all labor, equipment, and materials to provide power to various items where raceways to service these items are not identified in the electrical package of the Contract Drawings. (Reference RFI No. 67). ADD: \$4,102.58; 10. Provide all labor, equipment, and materials to address City of Orlando Fire Inspector comments issued during Final Inspection. ADD: \$5,876.82; and, 11. Increase the Contract Time for Substantial Completion by 124 calendar days from 317 calendar days to 441 calendar days. ADD: \$0.

Reason for Change: 1a. Design Error: Relocate the OUC transformer from the center of the north elevation to the northeast corner of the site, next to the ARFF apron, to allow for OUC access to the transformer; 1b. Design Error: The Contract Documents did not clearly specify the size, thickness, or reinforcing necessary for the emergency generator concrete pad. The Engineer of Record (EOR) provided pad requirements in excess of what the Contractor was carrying in their proposal for this work; 1c. Design Omission: The panel schedule for electrical branch Panel ARFLP2 was revised in Design Bulletin No. 03R1 to add the circuit for the Generator Annunciator Panel (GAP), not previously indicated in the Contract Documents; 2. Design Error: Due to original transformer location, bollards were not required around the transformer; however, upon relocation of the transformer alongside the vehicle apron, it then became necessary to install bollards around the transformer to protect it from vehicle strikes; 3. Design Omission: Provide additional data outlets, to correspond with work station locations in Room 121, where not shown on the Contract drawings; 4. Design Error: As a result of the relocation of the air handler unit equipment pad due to floor drain conflicts, the already installed VAV box had to be relocated to allow for access and maintenance unimpeded by the air handler unit below, as well as coordinated with the roof access ladder; 5. Unforeseen/Concealed Conditions: Due to conflict below grade with the existing planter foundation, the location of one pair of canopy columns must be shifted, still resulting in minor demolition of the planter foundation; 6. Design Error: The Contract Drawings make provisions for the air handler unit to discharge condensate into a sanitary drain. The condensate line, per code, cannot drain into a sanitary line, and must be routed outside the building, from the air handler unit through the already completed exterior wall; 7. Unforeseen/Concealed Conditions: The proposed irrigation tie-in point serving the Centerfield Airfield Rescue Fire Fighting (ARFF) has been abandoned and is no longer active. It has been determined, through investigation by GOAA Maintenance Department and the project team, that the nearest known, available, non-potable tie-in location is approximately 1,700 feet away from the project location; 8. Unforeseen/Concealed Conditions: Due to the time associated with locating an active irrigation source, it was necessary to provide temporary irrigation after landscaping was installed to prevent the plants from dying; 9. Design Omission: Electrical Drawings do not indicate raceways for the following items requiring power: Access Control, Fire Alarm, Data Rack (Communications), flow bell (fire sprinkler system), recirculating pump (plumbing), building monitoring system (HVAC), and irrigation controls; 10. Design Omission: During Final Inspection, the City of Orlando Fire Inspector noted the following comments to be addressed: (a) Provide freeze protection at BackFlow Preventer (BFP); (b) Provide locking roadway box at valve between building and BFP; (c) Lower sprinkler in pipe chase and install hard ceiling or extend walls to deck; (d) Provide street address on building; (e) Indicate which building the Fire Department Connection (FDC) serves; (f) Provide Fire Alarm Control Panel (FACP) signage at door leading to the FACP; (g) Provide "riser room" signage at door leading to sprinkler system riser; (h) Exit signs shall lead towards correct direction/egress in corridors; (i) Provide emergency lights and exit signs in corridor; and, (j) provide "lightweight truss" sign; and, 11. Unforeseen/Concealed Conditions: A no cost time extension is necessary to accommodate resequencing of work

Attachment A (Page 4 of 4)

associated with Design Bulletins 2R1 and 3R1, and coordination with OUC for transformer and meter set. This resolves all time and cost related issues and impacts, as of the date of this change order.

Change Order V-S00008-06

Construction Committee: May 26, 2020
Project: HBJ Warehouse HVAC Replacement and Miscellaneous Electrical Improvements
Contractor: Gomez Construction Company

Amount This Change Order: \$ 1,966.50 (0.2% of Original Contract Price)
Original Contract Amount: \$ 1,099,323.15
Previous Change Orders: \$ 509,665.47 (46.4% of Original Contract Price)
Revised Contract Amount: \$ 1,610,955.12

Time Extension: 267 calendar days to Substantial Completion.

Funding Source: Previously-approved Capital Expenditure Fund.

Description of Change: This is the final change order and includes the following: 1. Provide labor, material, and equipment to replace the blower motor and belt for rooftop Air Handler Unit (AHU) No. 5. This change order replaces Field Change Order (FCO) No. 1. ADD: \$1,764.50; 2. Bond reconciliation due to added bond costs. ADD: \$202.00; and, 3. Increase the Contract Time for Substantial Completion by 267 calendar days, from 150 calendar days to 417 calendar days.

Reason for Change: 1. Owner Requested Change: Replacement of the blower motor and belt for AHU No. 5 that failed due to OUC power failure and loss of one phase of 3-phase power which caused the AHU No. 5 blower motor to fail. AHU No. 5 provided cooling to the Material Control portion of the HBJ Warehouse on Level 1; 2. Owner Requested Change: Bond Reconciliation. Due to additional work for the project, bond costs increased \$202 for the project; and, 3. Owner Requested Change: Increase time for Substantial Completion by 267 calendar days due to equipment manufacturing and delivery delays, additional work added to the project, and coordination with roof replacement being done by separate contractor on Project R-S00001.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Raymond D. Anderson, Esq., Senior Director, Concessions and Commercial Properties
DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation to Approve an Amendment to the Lease Agreement, at Colonial Promenade Shopping Center, Orlando Executive Airport, with DMANSR Enterprises, Inc.

BACKGROUND

In 1984, the Aviation Authority entered into a land lease with Mark A. and Rosalind Schurgin, for approximately 16.5 acres at Orlando Executive Airport for construction, operation and maintenance of a retail shopping center. Through successive lease assignments and transfers in lieu of foreclosure, WCPRT Colonial Promenade, LLC (WCPRT) became the lessee. Over a number of years, the improvements on the property deteriorated due to deferred maintenance. In 2016, the Aviation Authority filed for eviction of WCPRT and on July 1, 2017, a settlement agreement was reached and possession of the property was turned over to the Aviation Authority.

The Aviation Authority has subsequently performed substantial portions of the deferred maintenance and is currently assessing alternatives for redevelopment of the property. In the interim, the Aviation Authority has approved several interim lease amendments to extend the existing tenant lease agreements at the property, including DMANSR Enterprises, Inc. (DMANSR).

ISSUES

The Lease Agreement at Colonial Promenade Shopping Center with DMANSR, as amended, expired May 31, 2020 (Lease Agreement). DMANSR has recently agreed to renew their Lease Agreement at the Center for an additional period of 12 months, through May 31, 2021, for 1,271 square feet, subject to a reduction in the current annual rental rate from \$14 per square foot, plus taxes, to \$13 per square foot, plus taxes. Staff has reviewed their offer with the Aviation Authority's property manager, Sembler Retail Development & Management Company, and has determined that the offer is reflective of the fair market value of the premises and recommends approval.

ALTERNATIVES

No alternatives are being considered.

FISCAL IMPACT

The fiscal impact is \$16,523 in annual rent revenue.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to (1) approve an amendment to the Lease Agreement, at Colonial Promenade, Orlando Executive Airport, with DMANSR Enterprises Inc., to extend the length of the Lease Agreement for 12 months, through May 31, 2021, for 1,271 square feet, at the annual rental rate of \$13 per square foot, plus taxes and (2) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Raymond D. Anderson, Esq., Senior Director, Concessions and Commercial Properties

DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation to Approve Amendment No. 1 to the Automated Retail Concession Agreement, at Orlando International Airport, with Prepango, LLC

BACKGROUND

The Greater Orlando Aviation Authority (Aviation Authority) and Prepango, LLC (Prepango), are parties to that certain Automated Retail Concession Agreement, effective July 1, 2020 (Agreement), which provides Prepango the non-exclusive three-year right and privilege to install, operate and maintain automated retail units for the sale of specialty retail items. The premises under the Agreement includes eight locations, one each on Airsides 1, 2, 3, and 4 of the North Terminal Complex, encompassing a total of 256 square feet.

ISSUES

In response to the COVID-19 pandemic, the Aviation Authority and Prepango propose for the benefit of the traveling public, to include six additional locations, three on Landside A and three on Landside B in the North Terminal Complex, encompassing a total of 192 square feet (Additional Premises) to provide for the sole purpose of the sale of Personal Protective Equipment and supplies (PPEs).

Staff has reviewed the proposed list of PPE merchandise submitted by Prepango and has determined that the sale of the merchandise, to include face masks and shields, gloves, over-the-counter medicines, hand sanitizers and wipes will provide a benefit to the traveling public with convenient, 24/7 access and does not violate the terms or conditions of other concessionaires.

ALTERNATIVES

No alternatives are being considered at this time.

FISCAL IMPACT

Consistent with the Agreement, Prepango will pay the Aviation Authority 21% of all Gross Receipts generated from the Additional Premises.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to (1) approve Amendment No. 1 to the Automated Retail Concession Agreement, at Orlando International Airport, with Prepango, LLC, to increase the premises by 192 square feet, from 256 square feet to 448 square feet, for the sale of personal protective equipment and supplies only and (2) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.



Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Raymond D. Anderson, Esq., Chairman, Concessions/Procurement Committee
DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation of the Concessions/Procurement Committee to Award Invitation to Bid for Purchasing Contract No. 08-20, Offsite Records Storage Services, to VRC Companies, LLC

BACKGROUND

Purchasing Contract No. 08-20, Offsite Records Storage Services, includes all labor, supervision, materials, supplies, equipment, transportation, storage and all other items necessary to provide offsite records storage services, which records currently includes approximately 15,600 boxes of files (Purchasing Contract). The Purchasing Contract requires that the storage facility be located within 50 miles of the North Terminal Building to meet the 2-hour rush delivery requirement. The Purchasing Contract is based on unit prices and hourly rates. The actual cost of the Purchasing Contract will be determined by the services requested and approved by the Aviation Authority.

The Purchasing Contract is anticipated to commence upon execution and includes an initial five-year term with two five-year renewal options that may be exercised by the Aviation Authority. Due to the limited and specialized scope of services required, the Purchasing Contract does not include a Minority and Women Business Enterprise and Local Developing Business participation goal.

ISSUES

On December 30, 2019, Staff issued Invitation to Bid for Purchasing Contract No. 08-20, Offsite Records Storage Services. On January 24, 2020, the following bids were received:

<u>Bidder</u>	<u>5-Year Bid</u>
Archive Corporation	\$239,262.40
VRC Companies, LLC	\$324,755.20
Retrievevex, Inc.	\$433,485.55
Crown Information Management	\$542,007.25

Staff and legal counsel reviewed the bids received and determined that the bids received from Archive Corporation, VRC Companies, LLC, and Crown Information Management contained mathematical errors in its price schedule, resulting in an understatement of their bid. The corrected prices are reflected in the tabulation above and did not affect the ranking. Staff and legal counsel also determined that Archive Corporation's storage facility is greater than 50 miles from the North Terminal Building and was deemed not responsible. VRC Companies LLC, Retrievevex, Inc. and Crown Information Management where each deemed responsive and responsible.

On May 18, 2020, the Concessions/Procurement Committee (Committee) approved Staff's recommendation to award Purchasing Contract No. 08-20, Offsite Records Storage Services, to VRC Companies, LLC, as the lowest responsive and responsible bidder, for an initial five-year term, in an amount not-to-exceed \$324,755.20. Concurrent with the Committee's approval of Staff's recommendation to award Purchasing Contract, the Committee also approved Staff's request to approve a one-time end of

contract transfer fee, required by the Aviation Authority's existing contractor, Retrievox, Inc., in the amount not-to-exceed \$85,650.

FISCAL IMPACT

The fiscal impact of the initial 5-year term of the Purchasing Contract is not-to-exceed \$324,755.20, plus a one-time end of contract transfer fee in the amount not-to-exceed \$85,650.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to approve the Concessions/Procurement Committee's recommendation to (1) deem the Bid received from Archive Corporation as non-responsible; (2) award Purchasing Contract No. 08-20, Offsite Records Storage Services, to VRC Companies LLC, as the lowest responsive and responsible bidder, for an initial five-year term, in an amount not-to-exceed \$324,755.20; (3) authorize funding from the Operations and Maintenance Fund in an amount not-to-exceed \$324,755.20; (4) authorize funding from the Operations and Maintenance Fund for payment to Retrievox, Inc., for an end of contract transfer fee, in the amount not-to-exceed \$85,650; and (5) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents, following satisfactory review by legal counsel.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

REVISED MEMORANDUM

TO: Members of the Aviation Authority
FROM: Thomas W. Draper, Senior Director of Airport Operations
DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation to Approve a MOA ~~MOU~~ User Fee Facility Full Cost Recovery with U.S. Customs and Border Protection (CBP) for Customs Services at Orlando Executive Airport (OEA)

BACKGROUND

The use of a User Fee Facility was established under Section 236 of the Trade and Tariff Act of 1984, in order to help facilitate trade and travel at locations where the volume or value of business is insufficient to justify the availability of inspectional services on a non-reimbursable basis. 19 U.S.C. 58b outlines the use of user fee for Customs services at certain small airports, seaports and other facilities designated by the Secretary of Treasury.

On March 16, 2007, the Aviation Authority Board approved a Memorandum of Agreement (MOA) with CBP for Customs service at OEA in conjunction with the opening of OEA's new administration building. The building includes a facility for CBP to provide international passenger processing services. The agreement provided for CBP services to be available at OEA 40 hours per week and outside of the 40 hours on a prearranged basis. The flat fee was \$140,874 for the first year and \$123,438 for the succeeding years.

On August 15, 2012, the Aviation Authority Board approved the continuation to the ~~Memorandum of Agreement~~ (MOA) with CBP, an increase of anticipated overtime for flights that are not scheduled during normal work hours and authorized the Chief Executive Officer to renew the agreement annually. The cost was \$123,438 flat fee for normal business hours with an estimated \$55,062 of overtime for an estimated total cost of \$178,500 annually.

ISSUES

The current flat fee was established in 2003. Since then, there have been significant changes to the salary, cost of living, benefits and pay level of CBP officers.

CBP has notified User Fee Facility airports that effective July 2020, the program will transition from its current flat fee structure established in 2013, to a full cost recovery approach. The amount charged to OEA will be based on the actual salary, overtime and benefits of the CBP officer(s) assigned to the facility and an administrative overhead fee of approximately 15%.

The annual cost, including benefits and administrative overhead, is estimated at \$171,800 for regular salaries and \$44,900 for overtime. The annual total cost is estimated at \$216,700.

The CBP service at OEA has been a success and its utilization has grown every year since its inception. It is recommended that the MOA ~~MOU~~ be continued to maintain this service and authorize the Chief Executive Officer to renew the agreement on an annual basis.

ALTERNATIVES

There are no reasonable alternatives under consideration.

FISCAL IMPACT

The program cost at OEA is estimated at \$216,700 per year. Funding required in current and subsequent fiscal years will be allocated from the Operation and Maintenance Fund as approved through the budget process and when funds become available.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to (1) approve User Fee Facility Full Cost Recovery with U.S. Customs and Border Protection for Customs Services at Orlando Executive Airport; (2) authorize funding from previously-approved Operation and Maintenance Fund estimated at \$216,700 per year; and; (3) authorize the Chief Executive Officer to renew the MOA ~~MOU~~ annually, following satisfactory review by legal counsel.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Phillip N. Brown, Chief Executive Officer
DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation to Approve Operational Policy, Section 730.03, COVID-19 Protective Measures

BACKGROUND

The 2019-20 coronavirus (COVID-19) is an ongoing pandemic. The outbreak was first identified in Wuhan, Hubei, China in December 2019 and declared a pandemic by the World Health Organization on March 11, 2020. As of early June, there have been 6,411,023 confirmed cases worldwide, 1,870,030 confirmed cases in the United States, 57,447 confirmed cases in Florida, and 2,048 cases in Orange County.

COVID-19 quickly and steadfast interrupted our "normal" resulting in the closing of entire cities and towns. Working remotely and meeting virtually is how we have been doing business since mid-March.

Due to the guidelines and executive orders issued by our government along with the National Institute of Health, United States Centers for Disease Control, and the Florida Department of Health and local health officials, the number of new cases have tapered off allowing us to reopen our community in a measured fashion.

ISSUES

The travel and transportation industry will play an integral role in maintaining the nation's continuity of operations during this pandemic.

Our mission statement and strategic plan declares the importance of providing safe and secure facilities. This applies to our passengers and employees. I am proposing the adoption of Operational Policy, Section 730.03, COVID-19 Protective Measures in concert with the Executive Proclamation signed by Mayor Buddy Dyer on June 1.

The objective of the policy is to promote public safety among those employed at the Airside and Landside terminals and appurtenant infrastructures at Orlando International Airport (MCO). The policy addresses the responsibility of badged employees at MCO with social distancing and utilization of facial coverings; accountability; and written notice violations for not complying with the policy.

ALTERNATIVES

None.

FISCAL IMPACT

None.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to approve the adoption and implementation of Operational Policy, Section 730.03, COVID-19 Protective Measures, effective June 1, 2020.

OBJECTIVE	To promote public safety among those employed at the airside and landside terminals and appurtenant infrastructures at Orlando International Airport during the COVID 19 pandemic in accordance with City of Orlando Executive Proclamation Directing Protective Measures at Orlando International Airport.
DEFINITIONS	<p>Badge. The identification media used by all personnel who regularly work on airport property. This includes all types of Badges for different access levels granted by each Badge.</p> <p>Badged Personnel. Those persons issued Badges or similar identification credentials by the Aviation Authority.</p>
POLICY	<p>Badged Personnel shall maintain social distancing as recommended in the United States Centers for Disease Control guidelines as they may be amended from time to time, wherever practicable, at the Orlando International Airport airside and landside terminals and appurtenant infrastructures.</p> <p>Badged Personnel shall utilize facial coverings to deter the spread of the coronavirus or similar infections, whenever practicable, based on their job functions at the Orlando International Airport airside and landside terminals and appurtenant infrastructures. Facial coverings can either be medical masks, industrial masks, homemade masks, or facial coverings made of cloth as long as the facial covering securely covers the mouth and nose and does not depict offensive messages or images.</p> <p>Badged Personnel may temporarily remove facial coverings to facilitate identification of the person or as otherwise required.</p> <p>Badged Personnel shall maintain distancing and utilize facial coverings beginning on June 2, 2020 and continuing for the time period directed by the Chief Executive Officer.</p>
ACCOUNTABILITY	This policy is a condition of maintaining a Badge. All Badged Personnel must comply with this policy.
VIOLATIONS	<p>Badged Personnel who violate public safety procedures will receive written notice of the violation. Penalties for violations are as follows:</p> <p>1st Violation will result in a written warning issued to the individual and copied to their employer.</p> <p>2nd Violation within the two (2) years prior to the date of that violation:</p> <ol style="list-style-type: none">Badge confiscated for at least two (2) calendar days;Concurrently, at least a two (2) calendar day suspension of access to airport property; and

- c. Notification to the person’s employer or, for Aviation Authority employees, to the Human Resources Department.

- 3rd Violation within the two (2) years prior to the date of that violation:
- a. Badge confiscated for at least five (5) calendar days;
 - b. Concurrently, at least a five (5) calendar day suspension of access to airport property; and
 - c. Notification to the person’s employer or, for Aviation Authority employees, to the Human Resources Department.

- 4th Violation within the two (2) years prior to the date of that violation:
- a. Badge confiscated for at least ten (10) calendar days;
 - b. Concurrently, at least a ten (10) calendar day suspension of access to airport property;
 - c. If the 1st Violation, 2nd Violation and 3rd Violation occurred within thirty (30) days from the date of the 1st Violation until the 3rd Violation, permanent revocation of the Badge and a trespass warning may be issued for the 4th violation; and
 - d. Notification to the person’s employer or, for Aviation Authority employees, to the Human Resources Department.

- 5th Violation within the two (2) years prior to the date of that violation:
- a. A 5th Violation may result in permanent revocation of the Badge and a trespass warning or extended suspension of the Badge and airport access privileges; and
 - b. Notification to the person’s employer or, for Aviation Authority employees, to the Human Resources Department.

PROCEDURE Instances of violations should be reported to the Communications Center (407-825-2065). Violations will be recorded in the Aviation Authority’s Safety Violation Report, with copies to the violator and their employer.

**APPROVAL AND
UPDATE HISTORY**

Last Approval Authority Board: TBD

Supersedes N/A (New Policy)

**Executive Proclamation
City of Orlando
Directing Protective Measures
At Orlando International Airport**

WHEREAS, domestic and international flights in and out of Orlando International Airport (MCO) have been dramatically impacted as a result of the COVID-19 pandemic; and

WHEREAS, the President of the United States, the Governor of the State of Florida, Mayor of Orange County, and Mayor of the City of Orlando have issued emergency declarations regarding the pandemic; and

WHEREAS, public health officials, including the National Institutes of Health, United States Centers for Disease Control, Florida Department of Health and local health officials have warned U.S. residents and visitors to maintain social distancing and to wear face coverings when conditions preclude social distancing; and

WHEREAS, COVID-19 is spread amongst the population by various means of exposure, including the propensity to spread person to person and the propensity to attach to surfaces for prolonged periods of time, thereby spreading from surface to person and causing increased infections to persons; and

WHEREAS, public health experts have consistently recommended avoiding close physical interaction between people in order to slow the spread of COVID-19, and the Centers for Disease Control (CDC) has updated and further restricted its distancing guidelines; and

WHEREAS, despite measures previously taken, COVID-19 has rapidly spread in the State of Florida as well as in Orange County, necessitating updated and more stringent distancing guidelines; and

WHEREAS, Orlando International Airport (MCO) is a critical transportation facility owned by the City of Orlando; and

WHEREAS, airlines serving MCO continue to increase flights on a weekly basis, thereby increasing the number of passengers arriving and departing MCO; and

WHEREAS, it is in the best interest of both passengers of and those employed at Orlando International Airport (MCO) to institute protective measures to insure their health, safety and welfare.

NOW, THEREFORE, LET IT BE PROCLAIMED, that I, BUDDY DYER, Mayor of the City of Orlando, effective immediately, hereby direct implementation of the following protective health measures within the confines of the land side and airside terminals and appurtenant infrastructure at Orlando

International Airport (Facilities), as may be determined by the Chief Executive Officer (CEO) of the Greater Orlando Aviation Authority (Aviation Authority):

A. Social Distancing

Wherever practicable those persons issued security identification area (SIDA) badges or similar identification credentials by the Aviation Authority (Persons) shall maintain the distancing recommended in the CDC guidelines as they may be amended from time to time, in the Facilities.

B. Facial Coverings

1. To the extent that it is not practicable for such Persons to perform their work functions or take authorized breaks from work and observe social distancing as recommended by the CDC, those Persons shall utilize facial coverings to deter the spread of the coronavirus or similar infections.

2. Facial coverings shall be used by all such Persons when present in public areas or in areas leased from the Greater Orlando Aviation Authority where the public may be present.

C. Enforcement

The CEO of the Aviation Authority with concurrence of the Aviation Authority Chairman (Chairman) shall promulgate such policies as may be necessary to insure compliance with this proclamation until such time as the Aviation Authority Board can consider and act upon such policies in accordance with the Aviation Authority By-Laws.

DONE AND PROCLAIMED this 1st day of June 2020 by:


Buddy Dyer, Mayor



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Denise K. Schneider, Assistant Director of Purchasing & Material Control

DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation to Dispose of Surplus Property

BACKGROUND

The Greater Orlando Aviation Authority is permitted to dispose of property that is no longer necessary, useful or profitable.

ISSUES

The Airport Facilities Bond Resolution and Aviation Authority Policies and Procedures Section 450.05, Disposal of Surplus Property, Scrap and Trash, and Section 450.11, Property Control, permit the Aviation Authority to dispose, for fair and reasonable value at any time, any property constituting part of the Airport System which the Aviation Authority and City of Orlando determine, by Resolution, not necessary, useful or profitable.

The Aviation Authority Staff recommends disposal of property items as summarized below, in accordance with Aviation Authority policies.

- Computers, monitors and related equipment
- Electronic equipment
- Assorted chairs, desks, cabinets, bookcases and tables
- Miscellaneous equipment

ALTERNATIVES

The Aviation Authority could hold the property for future disposal.

FISCAL IMPACT

None.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to: (1) find the property listed in this memorandum no longer necessary, useful, or profitable in the operation of the Airport System; (2) request Orlando City Council concurrence and resolution of this finding; and (3) authorize staff to dispose of this property in accordance with the Aviation Authority's Policies and Procedures.

**ASSETS NEEDING BOARD APPROVAL
FOR June 2020 MEETING**

ASSET #

GOAA GENERAL

71608	Saw, Concrete, Walk Behind, 14" Blade Capacity, Diamond Products Model #CC1209RS
71011	SAW, PARTNER K-1200, #11412SSK
50248	Tire Balancer , MOD. 950, SIN253-3
71746	Saw, Husqvana FS-400-18, CONCRETE walk behind , MODEL# CC1213HS-14

Lincoln Electric AC/DC Arc Welder

Ridgid Generator

Stihl FS 85, Brushcutter

PB-500T Echo Backpack Blower w/ Tube Mounted Throttle

Dayton 1500 Watt Generator, Model 1N170

Partner, K950 Active Saw

Hedge Trimmer

Stihl, MS 440, Chain Saw

Battery Charger, DSR, Proseries

Battery Charger, Minuteman, 36 volt

Table Saw

Battery Charger, Schumacher Electric

Concrete Saw, Makita

Quaker State Oil Drum

Weed Wacker

Mansur System One Parts Washer Model 500

Drill Press



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Stanley J. Thornton, Chair, Construction Committee
DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve Amendment No. 6 to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for Project Bid Package (BP) No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (Guaranteed Maximum Price (GMP) No. 6-S.2) at the Orlando International Airport

BACKGROUND

The South Terminal C, Phase 1, Program provides for a world-class domestic and international airport terminal building, consisting of a new airside terminal with up to 24 airline gates and a landside terminal with both secure and non-secure areas, and may include, but is not limited to all associated improvements and infrastructure required or related thereto, such as site work, roadways, aprons, runways, taxiways, other airfield work, utilities, landscaping, lighting, walkways, pedestrian bridges, expansion of the parking garage, a new and/or expanded chiller plant, aircraft loading bridges, and all interior design, such as concessions planning, ticketing, and security improvements, and baggage handling systems.

On March 19, 2017, the Aviation Authority's Finance Committee approved the award of a Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement to Hensel Phelps Construction.

Under the CM@R Agreement, the CM@R is entitled to reimbursement and compensation for the following, upon acceptable performance:

- Direct cost of the work is the actual cost for the subcontractor costs, direct labor, materials, and equipment required to construct the work,
- Allowances are estimated dollar amounts that are separately identified in a GMP for the purpose of encumbering funds to cover certain costs that are not completely defined when the GMP is approved, but may be necessary to complete the Project. An allowance means that the scope is not fully known or additional review is needed to determine whether the item is reimbursable,
- General condition expenses, such as CM@R management staff, limited to those set forth in the CM@R Agreement,
- CM@R Contingency is the negotiated amount or percentage of the Cost of the Work to be utilized for over-budget buyout of the work and for increases in the cost due to unforeseen circumstances relating to construction of the project, except when deemed the responsibility of the Owner in accordance with the Agreement,

- Owner Contingency is an amount or percentage of the Cost of the Work to be utilized by the Owner for items deemed the responsibility of the Owner in accordance with the Agreement,
- Performance and Payment rate set forth in the CM@R Contract is 0.66%, and
- The CM@R Fee covers the CM@R's overhead, profit and all other costs not reimbursable under the CM@R Contract. For Hensel Phelps Construction, the CM@R Fee is 6.031%.

Cost of allowances, contingencies and insurance will not be incurred until approved by the Aviation Authority.

On June 20, 2018, the Aviation Authority Board approved Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (GMP No. 6-S.2) at the Orlando International Airport, for a total negotiated GMP amount of \$104,107,463.

On April 17, 2019, the Aviation Authority Board approved Amendment No. 1 to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (GMP No. 6-S.2) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$1,388,056, resulting in a revised GMP amount of \$105,495,519.

On June 19, 2019, the Aviation Authority Board approved Amendment No. 2 to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (GMP No. 6-S.2) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$2,764,442, resulting in a revised GMP amount of \$108,259,961.

On July 17, 2019, the Aviation Authority Board approved Amendment No. 3 to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (GMP No. 6-S.2) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$5,137,761, resulting in a revised GMP amount of \$113,397,722.

On August 28, 2019, the Aviation Authority Board approved Amendment No. 4 to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (GMP No. 6-S.2) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$24,337,157, resulting in a revised GMP amount of \$137,734,879.

On November 13, 2019, the Aviation Authority Board approved Amendment No. 5 to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (GMP No. 6-S.2) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$1,601,027, resulting in a revised GMP amount of \$139,335,906.

The scope of BP No. S00144 includes the costs for electrical, framing and drywall, roofing, stucco, exterior metal panels, waterproofing and caulking, air barrier, passenger boarding bridge foundations, horizontal lifeline system, miscellaneous metals, utility transformers and fiber ductbank.

ISSUES

This increase is required to fund the progression of the electrical design and other anticipated contingency requests that are being processed for approval. This amendment provides funding for upcoming subcontract modifications within this GMP. This amendment is from the reallocation of funding from BP No. S00142 (GMP No. 6-S) and BP-S00168 (GMP No. 6-S.4), under separate items.

The Owner's Authorized Representative (i.e., Geotech Consultants International, Inc. dba GCI, Inc.) and Hensel Phelps Construction have reviewed the current financial status and progress of the work in BP No. S00144, and have determined that, in accordance with the contract documents, it is appropriate at this time to increase the Owner Contingency, and Performance and Payment Bond, including the associated CM@R fee amount, as shown below.

GMP	Original GMP Budget (A)	Current GMP Balance* (B)	Proposed GMP Amendment (C)	Proposed Revised GMP (D) = (B) + (C)
Direct Cost of Work	\$ 85,983,643	\$127,025,475	\$ 0	\$127,025,475
Unbought Scope	\$ 157,441	\$ 401,708	\$ 0	\$ 401,708
Allowances	\$ 5,444,000	\$ 0	\$ 0	\$ 0
CM@R Contingency	\$ 3,663,403	\$ 2,692,490	\$ 0	\$ 2,692,490
Owner Contingency	\$ 2,289,627	\$ 423,912	\$1,075,971	\$ 1,499,883
SUBTOTAL:	\$ 97,538,114	\$130,543,585	\$1,075,971	\$131,619,556
Perf. & Payment Bond	\$ 686,825	\$ 919,236	\$ 7,577	\$ 926,813
Fee (6.031%)	\$ 5,882,524	\$ 7,873,085	\$ 64,892	\$ 7,937,977
Total GMP Addendum Cost:	\$104,107,463	\$139,335,906	\$1,148,440	\$140,484,346

*The Current GMP Balance amount shown in the above table represents the current budget as a result of authorized GMP subcontract awards and other budget reallocations as a result of the GMP buyout process and the awards of CM@R's contracts and/or purchase orders through the Budget, Buyout and Contingency Management (BBC) requests approved by the Construction Committee through May 26, 2020. The GMP buyout process results in internal cost transfers between the different GMP elements within the GMP without changing the overall GMP amount previously-approved by the Aviation Authority Board.

The proposed GMP Amendment to BP No. S00144 does not have any impact on the small business participation.

On June 3, 2020, the Construction Committee recommended approval of Amendment No. 6 to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (GMP No. 6-S.2) at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$1,148,440. Funding is from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee to (1) approve Amendment No. 6 to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (GMP No. 6-S.2) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$1,148,440, which includes \$1,075,971 for Owner Contingency, \$7,577 for Performance and Payment Bond, and \$64,892 for the CM@R Fee (6.031%), resulting in a revised GMP amount of \$140,484,346, with funding from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds and (2) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Stanley J. Thornton, Chair, Professional Services Committee

DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation of the Professional Services Committee (PSC) to Rank and Award Project W-S00146, South Terminal C - Original Equipment Manufacturer (OEM) for Passenger Boarding Bridges and Affiliated Equipment, at the Orlando International Airport

BACKGROUND

On March 13, 2019, the Capital Management Committee (CMC) authorized staff to initiate a two-step "best value" procurement process for W-S00136.

As originally advertised, the scope of services for W-S00136 encompasses the manufacture and installation of thirty Passenger Boarding Bridges (PBB) and its affiliated equipment for use at the South Terminal C (STC). The "Affiliated Equipment" shall include, at a minimum, Air Handler Units (AHUs); Rooftop Mounted Pre-Conditioned Air (PCAir); Anti-Collision System; Ground Power Units (GPUs); Water Cabinets; and, PBB Belt Loaders. The Manufacturer will maintain the PBBs, affiliated equipment, and the Automated Visual Guidance Docking Systems (A-VDGS) for a period of five years, and provide all labor, parts, and necessary services. If required by the Aviation Authority, the PBB Contractor may also provide additional PBBs and affiliated equipment during a five year period.

On September 30, 2019, the PSC recommended the award of W-S00136 to John Bean Technologies Corporation, for the total proposal price amount of \$30,575,581 (PBBs and Affiliated Equipment needed for South Terminal C only), with ThyssenKrupp Airport Systems, Inc. ranked second and CIMC Tianda North America JV ranked third, pending further review of all price proposals by the Office of Small Business Development and Legal Counsel.

On October 30, 2019, the PSC met to evaluate the reviews conducted by staff and Legal Counsel of the proposers' small business participation and price proposals for Project W-S00136. Following an extensive review by the PSC of the price proposals and small business participation submitted by the three Proposers, including discussion and evaluation of procurement options, the PSC (1) determined that the price proposals submitted by John Bean Technologies Corporation, and CIMC Tianda North America JV be deemed non-responsive for failing to meet the small business participation goals and not providing sufficient and acceptable Good Faith Effort documentation; (2) elected not to award Project W-S00136 to ThyssenKrupp Airport Systems, Inc. because of budgetary constraints; and (3) directed staff to restructure the procurement methodology for Project W-S00136 and present its evaluation to the Aviation Authority's CMC.

On November 13, 2019, the Aviation Authority Board approved the recommendations of the Professional Services Committee and (1) deemed the price proposals submitted by John Bean Technologies Corporation, and CIMC Tianda North America JV as non-responsive for

failing to meet the small business participation goals and not providing sufficient and acceptable Good Faith Effort documentation; (2) elected not to award W-S00136 to ThyssenKrupp Airport Systems, Inc. because of budgetary constraints; and (3) directed staff to restructure the procurement methodology for W-S00136 and present its evaluation to the Aviation Authority's CMC.

On February 11, 2020, the CMC authorized staff to initiate the "best value" Request for Proposals (RFP) procurement methodology for W-S00146, South Terminal C - OEM for Passenger Boarding Bridges and Affiliated Equipment at the Orlando International Airport.

ISSUES

The scope of services for W-S00146 was revised for a new Best Value Procurement to encompass the manufacture and delivery of 30 Passenger Boarding Bridges (PBBs) and Affiliated Equipment for use at the South Terminal C (STC) currently under construction at the Orlando International Airport and includes the related warranty and customer service such as commissioning, testing and training services. The "Affiliated Equipment" shall include, at a minimum, Air Handler Units (AHUs); PBB Rooftop Mounted Pre-Conditioned Air (PCAir); Anti-Collision System; Ground Power Units (GPUs); Water Cabinets; and, PBB Belt Loaders. The revised procurement removed PBB installation and the maintenance of the PBBs and affiliated equipment for a period of five years from the scope. The successful Proposer will be required to coordinate with other entities including the PBB installation provider and the Construction Management at Risk (CM@R) contractors (i.e., Hensel Phelps Construction and Turner-Kiewit Joint Venture) currently building the STC.

On February 23 and 26, 2020, a notice was publicly advertised requesting Contractor Statements of Qualifications (SOQs) for W-S00146. By March 25, 2020, three proposers responded to the Aviation Authority's advertisement for the above-referenced services as follows (in alphabetical order):

- CIMC Tianda North America JV
- JBT Aerotech Corporation
- ThyssenKrupp Airport Systems, Inc.

The Procurement Documents and all subsequent addenda directed the proposers to submit a Technical Proposal (also referenced as the SOQ) no later than 5:00 p.m. on March 25, 2020, and a Price Proposal no later than 4:00 p.m. on March 30, 2020. The SOQs and Pricing Proposals were received from all three proposers by the required deadlines.

On March 31, 2020, the Professional Services Committee (PSC) met to consider the SOQs and Price Proposals for W-S00146 (in alphabetical order):

- CIMC Tianda North America JV
- JBT Aerotech Corporation
- ThyssenKrupp Airport Systems, Inc.

The PSC met to interview the Proposers and evaluate and rank the Proposers based on three categories: (A) Qualifications and Project Approach, (B) Technical Product and Production Schedule, and (C) Price Proposals of each proposer. The PSC evaluated the Proposer and Proposals comparatively to the other Proposers and Proposals. The Proposal that best satisfied a criterion was ranked first (and second, ranked second, and so on). For the criteria based on Price, the lowest Price was ranked first (and second, ranked second, and so on).

Before opening the Price Proposals, the PSC first evaluated and ranked the first two categories. After the interviews and thorough deliberations, the PSC ranked the Qualifications and Project Approach, and Technical Product and Production Schedule, in accordance with the procurement documents, as follows (in alphabetical order):

Categories	CIMC Tianda North America JV	JBT Aerotech Corporation	ThyssenKrupp Airport Systems, Inc.
A. Qualifications and Project Approach	3	1	2
B. Technical Product and Production Schedule	3	1	2

The amounts of each Price Proposal which had been previously-submitted were read during the PSC meeting. The lowest Price Proposal would be ranked first, the second lowest Price Proposal ranked second, and so forth. The Proposer offering the lowest Price Proposal would not necessarily be the Proposer recommended for award. The objective was to identify the Proposer whose qualifications/project approach, technical product/production schedule, and price proposal, on a best value basis, would be the most advantageous to the Aviation Authority. The Proposer with the lowest Combined Ranking total would be recommended for award.

In the event none of the price proposals are within the budget of \$25,500,000, the PSC could, in its sole discretion, recommend the Aviation Authority Board authorize staff to negotiate with the entity with the lowest combined ranking on the criteria based on the Qualifications and Project Approach, and Technical Product and Production Schedule categories. If the apparent successful proposal exceeded the budget, the PSC could, in its sole discretion, reject all proposals, cancel the procurement, direct staff to seek additional funding or otherwise proceed in the best interest of the Aviation Authority.

The price proposals from each of the three Proposers were read, as follows (*in alphabetical order*):

Categories	CIMC Tianda North America JV	JBT Aerotech Corporation	ThyssenKrupp Airport Systems, Inc.
C. Price Proposal	\$21,834,423.03	\$25,325,197.00	\$24,894,226.00
Total Price Proposal Ranking	1	3	2

The combined rankings for Qualifications, Product/Schedule Proposals and Price Proposals are as follows (*in combined ranked order*):

Proposer	Combined Ranking
JBT Aerotech Corporation	5
ThyssenKrupp Airport Systems, Inc.	6
CIMC Tianda North America JV	7

There are no Small Business participation requirements at this time. This procurement is for the selection of the manufacturer for the purchase and delivery of the PBBs and affiliated equipment which does not lend itself to Small Business participation. Installation of the PBBs and affiliated equipment, which will be procured under a separate selection process, will provide opportunities for Small Business participation.

Following an extensive review by the PSC, the PSC recommended the following ranking and the award of W-S00146, South Terminal C - Original Equipment Manufacturer (OEM) for Passenger Boarding Bridges and Affiliated Equipment, at the Orlando International Airport, to the first-ranked firm, as outlined in the memorandum:

First: JBT Aerotech Corporation (JBT)
Second: ThyssenKrupp Airport Systems, Inc.
Third: CIMC Tianda North America JV

On April 6, 2020, ThyssenKrupp Airport Systems, Inc. (TKAS) submitted an appeal to the Aviation Authority's Chief Executive Officer of the PSC's recommended ranking. TKAS raised a number of arguments, focusing primarily on the fact that JBT Aerotech Corporation (JBT) proposed a non-compliant Air Handling Units (AHU) since the JBT AHUs are not UL-listed and labeled. On May 8, 2020, the Chief Executive Officer held an appeal hearing. The Chief Executive Officer issued a ruling on May 26, 2020, determining that the appeal submitted by TKAS was without merit.

On May 20, 2020, the Aviation Authority Board authorized the Chief Executive Officer to implement a plan to reduce the scope of the South Terminal C, Phase 1, Program. One of the main targets for reduction in scope is the four southernmost airside gates, known as P1X. Given this direction, it is recommended that the Purchase Order authorization for this procurement be limited to exclude those gates and affiliated equipment.

ALTERNATIVES

The Aviation Authority Board may send the matter back to Committee for further consideration, may cancel the procurement and direct staff to re-advertise for the goods and services, or authorize any action it deems appropriate.

FISCAL IMPACT

The fiscal impact is \$18,555,171. Funding is from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to (1) accept the recommendation of the Professional Services Committee and approve the ranking as follows: First - JBT Aerotech Corporation; Second - ThyssenKrupp Airport Systems, Inc.; and Third - CIMC Tianda North America JV; (2) award W-S00146, South Terminal C - Original Equipment Manufacturer (OEM) for Passenger Boarding Bridges and Affiliated Equipment, at the Orlando International Airport, to JBT Aerotech Corporation; (3) authorize funding in a total amount of \$18,555,171 from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds; and (4) authorize an Aviation Authority Officer or the Chief Executive Officer to execute a Purchase Order and other necessary documents following satisfactory review by legal counsel.



VIA EMAIL mvitale@bakerlaw.com

May 26, 2020

Mr. Michael S. Vitale
Baker & Hostetler LLP
SunTrust Center
Suite 2300
200 South Orange Avenue
Orlando, FL 32801-3432

Dear Mr. Vitale:

RE: DECISION OF CHIEF EXECUTIVE OFFICER: WS146 – STC/OEM/PBB – THYSSENKRUPP AIRPORT SYSTEMS, INC.

thyssenkrupp Airport Systems, Inc. (“TAS”) appeals the decision of the Professional Services Committee (“PSC”) regarding PSC’s recommendation to award Project WS 146 to JBT Aerotech Corp. (“JBT”). The focal point of the appeal is whether JBT specified Air Handling Units (“AHU”) that met the project specifications. The appeal hearing for this appeal was held on May 8, 2020.

Project WS 146 is for “South Terminal - Original Equipment Manufacturer (OEM) for Passenger Boarding Bridges and Affiliated Equipment” (“Project”). Passenger Boarding Bridges (“PBB”) are a critical element of any passenger airport. Orlando International Airport is no exception. The procurement reflects the technical demands of PBBs and the Authority’s comprehensive approach to specifying this Project.

There were three proposers on the Project: CIMC Tianda North America JV (“CIMC”); JBT; and TAS. PSC ranked the proposers on March 31, 2020 as reflected in the Price Proposal and Ranking Sheet:

	CIMC TIANDA North America JV	JBT Aerotech Corporation	Thyssenkrupp Airport Systems, Inc.
(A) Ranking for Qualifications and Project Approach	3	1	2
(B) Ranking for Technical Product and Production Schedule	3	1	2
(C) Price Proposal	\$ 21,834,423.03	\$ 25,325,197.00	\$ 24,894,226.00
(C) Ranking for Price Proposal	1	3	2
Total Ranking of Three Factors	7	5	6

Based on the proposal and scoring criteria, which ranked the three proposals “1”, “2” or “3” on three categories, PSC recommended JBT for the Project.

TAS appeals this recommendation. TAS alleges that JBT’s proposal was non-responsive. TAS focuses on Specification 23 90 00, Pre-Condition Air Units and Specialties, Part 1, Item 1.4, Sub-Section L. Sub-section L states: “UL Compliance: Air-handler units shall be UL-listed and labeled.”¹ TAS asserts that JBT’s proposal was non-conforming to the sub-section L because JBT’s proposed AHUs are not UL-listed and labeled.

TAS suggests two results for this alleged non-compliance. First, TAS suggests that JBT’s proposal should be deemed non-responsive and rejected. Second, if JBT’s proposal is not rejected, the proposals should be re-scored; presumably TAS believes rescoring should be done by the Chief Executive Officer or on remand to PSC. TAS assumes that if the project was re-scored, it would achieve a score of “1” on Technical Product and JBT would score “2”; therefore, on the total ranking TAS would achieve a lower score than JBT and earn PSC’s recommendation.

TAS makes other arguments, but in both the appeal letter and during the hearing, these were secondary considerations. TAS argues that its product was a “better quality system” than JBT’s. From this TAS asks me to re-score the Technical Product category. TAS includes two other arguments, which are given less consideration by TAS: a supply-chain advantage over JBT and better pricing.

JBT has a different view of PSC’s evaluation. JBT’s argument is that it met the “UL-listed and labeled” specification by providing an equivalently certified AHU. JBT’s proposed AHU is certified by a Nationally Recognized Testing Laboratory (“NRTL”) which, in JBT’s view, gives it UL equivalency. JBT places importance on meeting the “UL 1995” standard. “UL 1995” is a 69-part, 126-page standard published by UL first in 1990, then republished from time to time. JBT’s contention is that meeting UL 1995 through an NRTL meets the “UL-listed and labeled” requirement of the Sub-Section L.

Secondarily, JBT claims that if I find that meeting UL 1995 is not responsive to meeting a “UL-listed and labeled” standard, then the deviation is not material. JBT argues that it gained no advantage or benefit over TAS by offering an NRTL-compliant AHU. Alternatively, JBT claims the Authority could waive the “UL-listed and labeled” component. JBT also responds to TAS’s generalized arguments about which system is more superior compared to the other.

This appeal is evaluated by the standard of abuse of discretion. The PSC’s discretion to award the evaluate proposals will not be interfered with absent an abuse of discretion.

¹ There is no dispute that “UL” means “Underwriters’ Laboratories.”

“Abuse of discretion” has been defined as a showing of dishonesty, illegality, fraud, oppression or misconduct. On its claim that PSC improperly recommended JBT after JBT specified on-UL listed and labeled AHUs, TAS focuses on the test in *Harry Pepper & Assoc. v. City of Cape Coral*, 352 So. 2d 1190, 1193 (Fla. 2d DCA 1977) and other cases, that “whether a deviation in a bid is sufficiently material to destroy its competitive character is whether the variation affects the amount of the bid by giving the bidder an advantage or benefit not enjoyed by the other bidders.” Therefore, the issues for this appeal are: 1. Whether PSC abused its discretion by omitting or altering a material provision required by the RFP to the extent that the variation affected the competitive character of the bid; and 2. If PSC did omit or alter a material provision, then the issue is whether JBT gained an unfair advantage or benefit, including price, in the procurement.

I will first address the arguments contained in TAS’s appeal letter section II.C. TAS has not demonstrated that PSC abused its discretion in the Technical Product category on those points raised in section II.C. of its appeal letter. TAS’s technical superiority and quality arguments ask me to second-guess PSC’s exercise of its discretion. I find that PSC did not abuse its discretion on TAS’s technical superiority and quality arguments. The technical specifications for the PBBs are comprised of several hundred individual specifications. Experienced staff review preceded PSC’s consideration of the technical aspects of the PBB proposals. PSC is in the best position to determine which proposer offered the technically superior system based on the multitude of factors, which PSC considered.

I can also discharge TAS’s two other arguments raised in section II.C. First, PSC properly scored TAS better than JBT on pricing. So, the pricing argument raised by TAS fails. Second, PSC’s evaluation of supply chain and scheduling issues falls within its discretion and I find no abuse of that discretion.

I deny TAS’s appeal on the grounds raised in sections II.A. and II.B. of its appeal letter, as explained below.

Turning first to section II.A, I find that PSC acted within its discretion by accepting the JBT proposal as responsive. TAS proposes three standards for evaluating whether a proposal response constitutes a material deviation from the requirements of a proposal, based on Florida law. The first standard set forth by TAS is whether the alleged material variation affected the price of the bid. TAS offered no details about this factor in its appeal letter and did not support its claim about price effect of a non-UL listed and labeled AHU during the appeal hearing. The proposals submitted by the parties demonstrate that JBT gained no price advantage by offering NRTL (specifically ETL) certified AHUs.

The price component of the proposal was detailed and extensive. Each proposer was required to propose component pricing, and separately stated shipping, testing, and

miscellaneous item pricing for each of 19 proposed gates in the future South Terminal Complex. Each proposer was required to submit unit pricing for the AHU component of the proposals. TAS offered its 45-ton AHUs at a total price of \$740,800. TAS offered its 90-ton AHUs at \$2,683,780. JBT offered its 45-ton AHUs at a total price of \$955,737. JBT's 90 ton AHUs were offered at \$2,448,341. CIMC offered its 45-Ton AHUs at \$571,373 and its 90-ton AHUs at \$1,954,910.

Evaluating the first component of TAS's argument to deem JBT non-responsiveness demonstrates that there was no price advantage that JBT gained:

	CIMC	JBT	TAS
45 Ton AHU Price	\$571,373	\$955,737	\$740,800
90 Ton AHU Price	\$1,954,910	\$2,448,341	\$2,683,780
Total AHU Price	\$2,526,283	\$3,404,078	\$3,424,580
Total Proposal Price	\$21,824,423	\$25,325,197	\$24,894,226

TAS's AHU system proposal price was \$20,000 greater than JBT's. However, TAS ranked better on the total PBB price proposal compared to JBT, underpricing JBT by \$430,971. The price evaluation was based on the total price proposal, not component pricing for the AHUs. Even if TAS could have supplied non-UL listed and labeled AHUs, which were less expensive by \$21,000 or more, it would have made no difference because TAS already scored better than JBT on the total proposal price comparison.

TAS cannot argue that it would have scored better than CIMC on the price evaluation criteria based on its claim that it offered, or was forced to offer, more expensive AHUs. The total proposed price difference between CIMC and TAS was \$3,069,803. The materials and arguments reviewed for this decision do not suggest in any way that TAS could have specified non-UL listed and labeled AHUs to reduce its AHU component price by more than \$3,000,000 (a savings of almost 90%) to outscore CIMC on total proposed price and earn the best ranking on that evaluation factor.

TAS's second proposed standard is whether the deviation gave one bidder an advantage or benefit not enjoyed by other bidders. As TAS points out through the law it cites, this criteria often arises when a bidder or proposer was allowed to change a proposal after the fact or when the agency showed clear preference by one proposer over another. TAS did not argue that either of those circumstances were present here. Both TAS and JBT argue that *Tropabest Foods, Inc. v. State Dept of General Services*, 493 So. 2d 50, 52 (Fla. 1st DCA 1986) applies. That case states, "Not every deviation from the invitation to bid is material. It is only material if it gives the bidder a substantial advantage over the other bidders and thereby restricts or stifles competition."

Both sides offered many reasons why, in their view, meeting the UL 1995 standard through ETL was comparable or not comparable to being UL-listed and labeled. I find JBT's reasons more persuasive and more consistent with the Authority's purpose in providing the reference to UL in Sub-Section L. Federal regulations lead in part to this conclusion. *Nationally Recognized Testing Laboratories; Clarification of the Types of Programs and Procedures*, Federal Reg. 60:12980-12985, March 9, 1995, is one example that illustrates the national policy for accepting NRTL certification as an equivalent or a non-material deviation from GOAA's sub-section mentioning "UL-listed and labeled" quality assurance standard.

TAS did not offer details about what it claims to be the "advantage or benefit not enjoyed by other bidders" other than the possibility of price, which I addressed earlier. The "advantage or benefit" legal precedent offered by TAS is the *Harry Pepper* case. In that case, though, there was "no doubt that the difference between the conforming and nonconforming pumps was material." *Harry Pepper* 352 So. 2d at 1193. Then, in *Harry Pepper*, the proposer, which offered the nonconforming pumps, was allowed to change its proposal after the proposal deadline at the encouragement of the city's representative. Neither one of these two extraordinary circumstances were present in the analysis of JBT's and TAS's proposals.

TAS also did not offer any details about how accepting ETL certification results in restricting or stifling competition, compared to encouraging competition. Allowing other NRTL certification enhances competition in many respects. JBT did not gain any advantage or benefit through this determination and there were no facts offered to suggest that allowing ETL certification to meet Sub-Section L stifles competition.

The third standard on which TAS bases its argument is whether the alleged deviation "adversely impacts the interests of the procuring agency." The only argument JBT puts forth under this standard is that the "less rigid certification . . . could place the safety, security, and quality of the project in jeopardy." At the appeal hearing, GOAA asked TAS's representatives for any evidence or proof they could offer that this suggestion was anything more than a possibility. TAS offered no additional information to demonstrate that it could meet this standard under a "more likely than not" or any other measure of proof.

TAS's argument is contradicted by GOAA's experience with JBT's current AHU systems, which are installed at Orlando International Airport. GOAA uses more than sixty JBT PBBs at OIA. For JBT and non-JBT PBBs, there are three AHU varieties in use at OIA. At least one PBB has had a non-UL listed and labeled AHU for two years with no material issue reported.

I find that the ETL mark offered by JBT is sufficient evidence of quality assurance to meet GOAA's requirements. The ETL mark does not meet the definition of a deviation

from the Request for Proposals, let alone a material deviation. If there is any deviation, it is a relatively minor irregularity out of dozens of technical bidding requirements. JBT has demonstrated more than substantial compliance with the proposal's requirements. In any case, GOAA reserved the right to waive irregularities in the Request for Proposals and if this was an irregularity, it was so minor that PSC was within its discretion to waive it.

In its section II.B. argument, TAS asks for the Technical Product score to be adjusted based on JBT's proposal of non-UL listed and labeled AHUs. The II.B. argument suffers from the same flaws as the section II.C. argument, though. The Technical Product score was based, in part, on more than 110 criteria for the AHU alone. There are multiples of those criteria for the other components of the PBBs. It would be speculative to assume that PSC would have changed its Technical Product score on a single criterion out of hundreds. In reviewing the detailed Quality Assurance and Products sections of the RFP, I also cannot substitute my judgment for the PSC's exercise of its discretion by assuming that Sub-Section L was more heavily weighted or more important than 100 or so other technical standards related to the AHU alone, and hundreds more related to the PBBs as a whole.

TAS's legal support for its section II.B. arguments is unpersuasive. In section II.B, TAS relies on *Clean Harbors Environ. Services, Inc.*, 2005 WL 3440631. In this letter decision by the United States General Accounting Office, the General Counsel noted that the agency evaluation under review was clearly erroneous. The RFP criteria asked for references on recent and similar contracts. But, the agency failed to make that review, instead relying on the evaluation of outdated references provided on other contracts. The General Counsel stated, "[T]he record shows only that the agency considered the questionnaires for two different contracts performed by Clean Harbors."

TAS also cites *Dep't of Transportation v. Groves-Watkins Const's*, 530 So. 2d 912 (Fla. 1988). That case, though cited for the right rule of law regarding an abhorrence of favoritism in public contracts, also stands for this proposition: "[A] public body has *wide discretion* in soliciting and accepting bids for public improvements and its decision, when based on an *honest* exercise of this discretion, will not be overturned by a court even if it may appear erroneous and even if reasonable persons may disagree." (emphases supplied by the Florida Supreme Court). In that case, the Supreme Court found no evidence that "the agency acted fraudulently, arbitrarily, illegally, or dishonestly" and did not alter the agency's decision. *Id* at 914.

TAS presented no facts that suggest fraud, arbitrariness, illegality, or dishonesty by PSC that would require me to find that it abused its discretion. In the end, TAS suggests that PSC had a close decision on its hands on the Technical Product category and that the only difference that led to the score in that category in these two proposals was the

Mr. Michael Vitale
May 26, 2020
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information provided in response to Sub-Section L. This is speculative. I will not substitute my judgment over PSC's exercise of its discretion on this record.

thyssenkrupp's appeal is denied. PSC's recommendation may proceed to the Board.

Sincerely,

A handwritten signature in black ink, appearing to read "Phillip N. Brown", followed by a horizontal line.

Phillip N. Brown
Chief Executive Officer

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May 6, 2020

Phillip N. Brown
Chief Executive Officer
Greater Orlando Aviation Authority
One Jeff Fuqua Blvd. Main Terminal Building
Orlando, FL 32827

RE: WS146, South Terminal Complex Original Equipment Manufacturer (OEM) for Passenger Boarding Bridges and Affiliated Equipment

Dear Mr. Brown,

JBT is pleased to provide the attached letter and supporting documentation as support for the Greater Orlando Airport Authority (GOAA) Professional Services Committee's decision to award the noted project to JBT AeroTech. Due to the aggressive nature displayed by our competitor, thyssenkrupp, JBT has obtained Legal Counsel to provide further defense for the PSC's decision. The attached represents our continued efforts to support GOAA.

It is our intention to continue to provide GOAA with world-class products consistent with the world-class South Terminal Complex currently under construction. JBT AeroTech is pleased to be part of this project and looks forward to working with the dedicated team of GOAA professionals. It is our goal to bring the Greater Orlando region superior products and service, consistent with the existing JBT AeroTech equipment on the North Concourse.

Should you or your team have any questions or comments, please contact me at frank.moore@jbtinc.com or my mobile phone at (801) 940-1850.

Regards,

A handwritten signature in blue ink that reads "Frank Moore".

Frank Moore
Vice President, Gate Equipment
JBT AeroTech

CC: Brian DeRoche, President, Jetway
James Marvin, JBT EVP and Legal Counsel

Enclosures

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May 6, 2020

Phillip Brown, CEO
Greater Orlando Aviation Authority
One Jeff Fuqua Blvd., Main Terminal Building
Orlando, FL 32827

Re: Response to Protest by thyssenkrupp Airport Systems Inc. regarding
WS146, South Terminal C – OEM for Passenger Boarding Bridges and
Affiliated Equipment

Dear Mr. Brown:

JBT Aerotech Corporation (JBT) submits these comments in response to the protest of thyssenkrupp Airport Systems Inc. (thyssenkrupp) dated April 6, 2020. thyssenkrupp is understandably disappointed that it was not selected for award. However, it has no basis to upset the Authority's award decision to JBT. JBT submitted a measurably better proposal at a slightly higher cost, which the Authority decided, consistent with the Request for Statements of Qualification (RFQ), offered a better value to the government.

I. JBT'S INTERTEK-CERTIFIED AIR HANDLER UNITS MEET THE RFQ REQUIREMENTS

As a first-line argument, thyssenkrupp argues that the Authority should have deemed JBT's proposal non-responsive because its proposed air-handler units were not "UL-listed and labeled." Protest at p. 4 (citing RFQ at Specification 1.4 Quality Assurance § L). This argument is without merit. This argument attempts to elevate form over substance. The simple fact is that JBT has offered the Authority exactly what it requires: air handler systems that are certified as meeting the applicable safety standard, UL 1995. None of thyssenkrupp's torturing of the solicitation language can hide that central point.

JBT reasonably understood, per accepted industry practice, the RFQ's requirement to mean that the proposed air handler units had to meet the relevant Occupational Safety and Health Administration (OSHA) test standards for heating and cooling equipment, UL 1995, as certified by a Nationally Recognized Testing Laboratory (NRTL). It therefore explained in its proposal that the "Jetway Passenger Boarding Bridges are ETL listed and CSA approved." Proposal at 2.C (Design Specs); *see also* Exhibit 1. thyssenkrupp now seeks to make much fuss about the fact that JBT's air handling unit—which undeniably meets the UL 1995 safety standard—bears the ETL mark (meaning that it was evaluated by Intertek, an OSHA-recognized and qualified NRTL), rather than the UL mark (which would indicate the testing was performed by UL, an alternate NRTL). This is a

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distinction without a difference, and indicates a failure to understand the scheme under which safety testing is currently performed.

Historically, all OSHA safety tests were conducted by UL and one other company, Factory Mutual Research Corporation (FM). Due to the regulatory changes detailed below, this is no longer the case. Today a number of labs, including Intertek, have been recognized by the United States Department of Labor as possessing the necessary qualifications to perform safety testing.

In 1973, the Department of Labor promulgated regulations pursuant to the Occupational Safety and Health Act to establish procedures for the certification of NRTLs, but the regulations were never implemented. DOL instead issued general standards governing the testing of equipment. In those standards, DOL suggested that testing could only be completed by UL and FM. In 1982, another testing lab, Met Laboratories, Inc. filed suit seeking, among other things, to force DOL to create and implement NRTL accreditation procedures and to eliminate the reference to UL and FM as the only permissible testers. Thereafter, DOL deleted the reference in its standards to UL and FM and created a framework for certifying new NRTLs, which was codified in 29 C.F.R. § 1910.1 et seq. *See Met Laboratories, Inc. v. Reich*, 875 F.Supp. 304 (D. Md. 1995) (describing the history of NRTL accreditation).

Under the current regulatory regime, OSHA evaluates and recognizes private-sector organizations as NRTLs when it finds that the lab meets the legal requirements to perform testing and certification. An NRTL's accreditation is limited to the particular "appropriate" safety tests for which it has been approved. 29 C.F.R. § 1910.7(b)(1). These testing standards are not developed by OSHA; rather, they reflect national consensus standards published by organizations such as ANSI, CSA, FM, IEEE, ISA, NEMA and UL. *See* https://www.osha.gov/dts/otpca/nrtl/list_standards.html (last viewed May 4, 2020) (listing the test standards determined to be appropriate for use under OSHA's NRTL program); *cf.* 29 C.F.R. § 1910.1. Because all recognized NRTLs are testing to the same product safety test standard, OSHA considers any NRTL that has been recognized for a particular standard to be equivalent to any other NRTL in their capability to certify to that standard. In other words, contrary to thyssenkrupp's assertions, OSHA is NRTL-agnostic; products that have been properly certified by *any* NRTL are acceptable to OSHA for use in the workplace. *See* https://www.osha.gov/dts/otpca/nrtl/nrtl_faq.html ("Does OSHA prefer one NRTL over another NRTL? Given that each NRTL has met the requirements for recognition, OSHA considers NRTLs recognized for the same product safety test standard to be capable of testing to, and certifying under, that standard.")

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Intertek Testing Services NA Inc. is a NRTL certified by OSHA to test and certify whether a product meets the standard articulated in UL 1995. *See* <https://www.osha.gov/dts/otpca/nrtl/its.html> (last viewed May 4, 2020) (including UL 1995 under the “Recognized Testing Standards” for which Intertek is certified). This means that, according to OSHA, Intertek is as qualified as UL to determine whether a product meets the UL 1995 standards. Said another way, an ETL mark from Intertek regarding a product’s ability to meet the UL 1995 standards carries the same weight as the equivalent mark from UL. *See* Exhibit 2. The Authority therefore reasonably accepted certification by any authorized NRTL.

For this reason, it is understood in the PBB industry that the term “UL-listed” is understood to mean that a product has been certified by an NRTL. In this way, “UL” has become shorthand for “OSHA safety testing,” much like “Kleenex” is colloquially used as a substitute for “tissue” or “Xerox” for “photocopier.” In evaluating the proposals and finding JBT’s technical proposal to be superior, the Authority reasonably and rationally interpreted the solicitation to allow for certification to the UL standard for heating and cooling equipment by any qualified NRTL. *See Dennis Marceron*, B-270253, Feb. 21, 1996, 96-1 CPD ¶107 at 2-3 (where there is some uncertainty as to the precise meaning of a term used in stating the solicitation’s requirements, the application by agency evaluators of a common sense definition, based upon the agency’s general needs as reflected in the solicitation, is reasonable); *Scientific Games, Inc. v. Dittler Bros., Inc.*, 586 So.2d 1128, 1131 (Fla. 1st DCA 1991) (where petitioner alleged that agency misinterpreted the terms of a solicitation, the reviewing entity should not second guess the evaluation committee to determine whether reasonable persons might reach a contrary result).¹

For these reasons, the Authority was not required to deem JBT’s proposal nonresponsive, as it provided the safe reliable product that the Authority sought and did not

¹ In a similar vein, the Government Accountability Office has held that an agency can properly accept an equivalent product when the words “or equal” have been inadvertently omitted from a brand name specification if the government’s needs would be met and no offeror is prejudiced. *U.S. Tech. Corp.*, B-224372, Oct. 2, 1986, 86-2 CPD ¶ 383 at 3. Here, there is no dispute that the government’s needs have been met by the air handler units proposed by JBT. Indeed, JBT’s technical product was rated as superior to those proposed by the other offerors. Additionally, there is no evidence that thyssenkrupp was prejudiced by JBT’s provision of a product certified by ETL rather than UL. thyssenkrupp has presented no evidence – and none exists—that it would have offered a different product had it been aware that an ETL mark was acceptable, or that it would have offered a lower price for an air handler unit certified by a NRTL other than UL.

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deviate from the specifications. The decision to proceed to evaluation of JBT's offer was supported by the language of the solicitation, the law and common sense.

II. ASSUMING *ARGUENDO* THAT JBT'S USE OF ETL-CERTIFIED UNITS WAS A DEVIATION FROM THE SPECIFICATIONS, IT WAS NOT MATERIAL

Even assuming, *arguendo*, that JBT's proposal deviated from the specifications through its use of a product with an ETL mark of OSHA safety compliance rather than a UL-listing, that deviation was not material and therefore properly waived by the Authority.

As the Florida courts have stated, not every deviation from a solicitation is material. A deviation is only material if it "gives the bidder a substantial advantage over the other bidders and thereby restricts or stifles competition." *Tropabest Foods, Inc. v. State, Dep't of Gen. Servs.*, 493 So. 2d 50, 52 (Fla. 1st DCA 1986) (citing *Robinson Electrical Co., Inc. v. Dade Co.*, 417 So.2d 1032, 1034 (Fla. 3d DCA 1982) and Fla. Admin. Code Rule 13A-1.02(9) (permitting agencies to waive minor irregularities that "do[] not affect the price of the bid, or give the bidder an advantage or benefit not enjoyed by other bidders or do[] not adversely impact the interests of the agency.")); see also *Champion Road Machinery, International Corporation*, B-200678, July 13, 1981, 81-2 CPD ¶ 27 (a deviation is immaterial when its significance as to quality, quantity, delivery or price is trivial or negligible when compared with the total cost or scope of supplies or work to be furnished). As the GAO has held, "an agency should waive a minor deviation from a brand name or equal solicitation's salient characteristics where the deviation does not affect the ability of the nonconforming product to meet the agency's actual functional needs, and no other firm is prejudiced by the waiver." *General Projection Systems, Inc.*, B-241418.3, Dec. 27, 1991, 91-2 CPD ¶ 582 at 4.

Here, JBT's use of an ETL mark to indicate compliance with UL 1995, rather than a UL mark, was a non-material deviation that the Authority properly waived. First, the air handler units comprise less than 15% of the overall project cost. This means that the air handler component was a small part of the total scope of supplies to be furnished by offerors. Moreover, as described above, the ETL-listing indicates that JBT's proposed units meet the OSHA standards for product safety. Contrary to thyssenkrupp's unfounded allegations, every NRTL certifies to the same standard; there is nothing unique or "more onerous" about receiving a UL-listing as opposed to a listing from any other OSHA-recognized NRTL.²

² Notably, although thyssenkrupp peppers its protest with rhetoric about UL's superiority as a testing entity and allegations that an ETL certification is "far easier and less stringent to

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Intertek and UL have equivalent recognition from OSHA, and are equally competent to test a product's compliance with the applicable safety standards. Because Intertek and UL must certify against the same standards, a proposed ETL-listed air handler unit is functionally identical to a UL-listed air handler unit in terms of OSHA compliance. Thus, to the extent that JBT's use of Intertek as a certifying organization was a deviation from the RFQ specifications, it was not material. For this reason, the Authority's decision to waive the deviation was within its discretion.

III. BECAUSE THYSSENKRUPP HAS PRESENTED NO EVIDENCE OF DISHONESTY, ILLEGALITY, FRAUD, OPPRESSION OR MISCONDUCT, THE AUTHORITY'S TECHNICAL EVALUATION MAY NOT BE OVERTURNED

thyssenkrupp's argument that, in the alternative, the PSC is required to re-evaluate the technical proposals and conclude that thyssenkrupp's proposal is superior to JBT's proposal is baseless. On these grounds too, the protest should be denied.

First, thyssenkrupp contends that JBT's proposal could not have reasonably be found to be superior to its own proposal because JBT did not propose a UL-listed air handler unit. For the reasons detailed above, this argument is without merit and JBT will not belabor the point by repeating it here.

Next, thyssenkrupp asserts that the proposals "were very close to each other, but as [the PSC] had to score one as better than the other, the PSC decided to rank JBT as one (1) and thyssenkrupp two (2)." Protest at 6. There is no evidence to support this contention, and thyssenkrupp cites none. Although there is no dispute that JBT was ranked as better than thyssenkrupp, the Authority has provided no indication that the rating were "close" and thyssenkrupp's desperate wish does not make it so. Then, having alleged that the Authority's decision was a close call based on nothing more than speculation, thyssenkrupp lists a number of supposed strengths of its technical solution that it claims the Authority failed to recognize in its evaluation and which, had they been understood, would have changed the comparative ratings of the offerors. Protest at pp. 7-8.

This argument also holds no water. It is nothing more than mere disagreement with the Authority's evaluation, and does not support an overturning of the PSC's determination that JBT's proposal was worthy of a first-place rating. As Florida courts have repeatedly held, an agency's evaluation decision is given great deference; a "public body has

obtain," it offers no evidence to support this charge. That is because it is simply untrue. *See* Exhibit 3.

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wide discretion” in the bidding process and “its decision, when based on an honest exercise” of that discretion, should not be overturned even if reasonable persons might disagree. *See Biscayne Marine Partners LLC v. City of Miami*, 273 So. 3d 97, 102 (Fla. 3rd DCA 2019) (“the existing and clearly established principle of law inclines toward judicial deference in public agency competitive bidding disputes when the agency has exercised its discretion absent illegality, fraud, oppression or misconduct.”); *accord Sutron Corp. v. Lake Co. Water Auth.*, 870 So.2d 930, 932 (Fla. 5th DCA 2004) (public entity’s discretion should not be interfered with absent a showing of dishonesty, illegality, fraud, oppression or misconduct). thyssenkrupp’s disagreement with the PSC’s evaluation does not render the evaluation unreasonable. *Culpepper v. Moore*, 40 So.2d 366, 370 (Fla. 1949) (“So long as ... a public agency acts in good faith, even though [it] may reach a conclusion on facts upon which reasonable men may differ, the courts will not generally interfere with [the agency’s] judgment, even though the decision reached may appear to some persons to be erroneous.”); *see C. Lawrence Constr. Co., Inc.*, B-287066, March 30, 2001, 2001 CPD ¶ 70 at 4 (protester’s mere disagreement with the agency’s judgment does not establish that the evaluation was unreasonable).

As the PSC recognized, JBT proposed a superior technical product. For example, thyssenkrupp touts its galvanized steel flooring and coated galvanized ceiling panels as unrecognized strengths. Yet, JBT’s proposed Jetway bridges are built with aluminum flooring in the cab, bubble, rotunda and tunnel floors and brushed aluminum ceiling panels. Aluminum is superior to galvanized steel flooring and ceiling tile material because the galvanizing can be removed from the steel in the welding and manufacturing process, allowing the steel to then rust through, especially in a highly corrosive, humid environment like Orlando. JBT’s tunnel walls and roof are fully seam welded, whereas thyssenkrupp relies on caulking for seals. Full seam welds are superior because caulking can erode, crack, and disintegrate allowing dust and moisture into the interior of the bridge and elevating the risk of slip and fall accidents and structural damage. JBT’s heavier construction bridges provide greater stability and unparalleled long-life. The placement of its lift columns, coupled with its more rigid design, results in less bounce across the boarding bridge during passenger transit and less movement of the bridge cab floor against the aircraft fuselage door. This reduces the risk of damage to the aircraft. In contrast, thyssenkrupp’s lift column location means that any oscillation along the length of the bridge is transmitted to the bridge cab floor and the vertical motion accentuated, potentially causing damage to the aircraft, as well as exposing the auto level to elevated cycles which may lead to a failure. Jetway bridges also are equipped with electro-mechanical lifts, which eliminate the risk of hydraulic leak and resultant fire and environmental concerns. thyssenkrupp uses hydraulic columns.

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As yet another example, Jetway drive motors are mounted on top of the axle box, while thyssenkrupp drive motors are located within the axle box of the drive system. JBT's placement makes inspection, accessibility, service and repair of the drive motors easier with less chance of back and other injuries to technicians. Additional JBT features which are better-quality and of more value to the Authority as compared to those offered by thyssenkrupp include a two-layer canopy with self-retraction in the event of an auto-level failure (thyssenkrupp's canopy is single-layer and does not have this safety feature); a cable system that is protected from sunlight, wind, rain and other elements by its position relative to the passenger boarding bridge and uses Adel clamps (thyssenkrupp's cables loop along the side of the bridge, fully exposed to sunlight, and its design relies on tie-wraps); and fewer suppliers and stronger control over its supply chain (thyssenkrupp relies on the international market for supply chain support and is currently experiencing difficulties and delays with the delivery of walkways from Mexico and bridges from Spain).

Simply put, longevity, reliability and maintainability are all hallmarks of the JBT products.³ The same cannot be said for thyssenkrupp.

IV. CONCLUSION

The record indicates that the Authority's evaluation of the offerors' proposals was reasonable. After careful consideration, in which the Authority prudently judged the relative merits of each proposal, it determined that JBT's technically superior proposal was worth the minor price premium. thyssenkrupp's protest should be denied.

Sincerely,



Lauren Kramer Sujeeth

cc: William G. Salim, Jr., Esq., *Moskowitz, Mandell, Salim & Simowitz, P.A.*

Attachment: Exhibits 1-3

³ JBT's records indicate that there are 61 Jetway Passenger Boarding Bridges installed at MCO, with an average age of 21 years. One gate has been in service since 1986, providing 34 years of service. In contrast, thyssenkrupp has 34 bridges installed with an average age of 11 years, with the oldest having 14 years of service. JBT first installed its Ground Power units in 1981, and roughly 40% of the 68 units have been in service for over 30 years. Finally, JBT has PCA units installed at MCO, with an average age of 12 years. The company selected by thyssenkrupp to provide their PCA has one unit, and it has only been operating for 18 months.

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant: JBT AeroTech
Address: 1805 W. 2550 S.
 Ogden, UT 84401
Country: USA
Contact: Mike Lewis
Phone: (801) 629-3393
FAX: (801) 629-3288
Email: mike.lewis@jbt.com

Manufacturer: JBT AeroTech
Address: 3100 S. Pennsylvania Avenue
 Ogden, UT 84401
Country: USA
Contact: Mike Lewis
Phone: (801) 629-3393
FAX: (801) 629-3288
Email: mike.lewis@jbt.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Lake Forest, Ca

Catherine Dwyer

Control Number: 70332

Authorized by: _____

for Thomas J. Patterson, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.
 545 East Algonquin Road, Arlington Heights, IL 60005
 Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s):	Safety Standard for Heating and Cooling Equipment UL 1995/CSA C22.2 236-05, Third Edition, Dated 02/18/2005, Revised 07/30/2009.
Product:	Air Handler - Pre-conditioned Air Unit
Brand Name:	Jetaire
Models:	APC 2000, APC 2750, APC 3000, APC 3500, APC 4500 & APC 6000



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May 4, 2020

Mr Evan Lunt
Director of Engineering
John Bean Technologies Corporation
3100 Pennsylvania Ave
Ogden UT 84401

Re: ETL Intertek / Nationally Recognized Testing Laboratory (NRTL)

Dear Mr Lunt:

Intertek is a Nationally Recognized Testing Laboratory (NRTL). A NRTL is a private-sector organization that OSHA has recognized as meeting the legal requirements in 29 CFR 1910.7 to perform testing and certification of products using consensus-based test standards. An organization must have the necessary capability both as a product safety testing laboratory and as a product certification body to receive OSHA recognition as an NRTL.

An NRTL must use "appropriate" product safety test standards in certifying products for workplace safety. These test standards contain technical requirements that products must meet for workplace safety. OSHA does not develop these test standards but has defined the specific requirements of an appropriate test standard within its regulated scope. Many of these standards are published by organizations such as the American National Standards Institute (ANSI), Underwriters Laboratories (UL), the National Fire Protection Association (NFPA), the Institute of Electrical and Electronics Engineers (IEEE) and ASTM International (American Society for Testing & Materials). Because all recognized NRTLs test to the same product safety test standards, OSHA considers any NRTL that has been recognized for a particular standard to be equivalent to any other NRTL in their capability to certify to that standard. In other words, OSHA is NRTL-agnostic, and products that have been properly certified by *any* NRTL are acceptable to OSHA for use in the workplace.

With respect to the air-handler units in question, Intertek evaluation and certified these models to "Safety Standard for Heating and Cooling Equipment", UL 1995. As such, the ETL Listed Mark on the air-handler units indicates, with equal force to a UL Mark, that the units have been found to be in compliance with accepted national standards.

Please refer to the current list of NRTLs found on OSHA's website. All Authorities Having Jurisdiction (AHJ) in the United States accept the legitimate Mark from all these organizations. Intertek's accreditation is through the American Association for Laboratory Accreditation (A2LA).

Many safety standards used for product certification in the United States are published by UL. This leads to the use of the term UL the same way the term Xerox is used to refer to a copier or Google is used for a web search. In fact, representatives from Intertek and all other NRTLs participate on these boards that write and approve the standards. In Canada standards are not published by UL but by the Canadian Standards Association (CSA). Many safety standards are harmonized and a dual Mark can be issued. For Intertek this is the cETLus Mark, for UL cULus. Under their accreditations all NRTL's certify to the same standards. A NRTL Mark is certification that the product listed meets the minimum requirements of the standard that it is listed to. You said that the engineer's product specification called out for the product to meet UL standards. As a NRTL that is exactly what the ETL Mark means. (Assuming that the appropriate standard is published by UL as many are not.) Using





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the same flawed logic of your competitor, is a cULus listed product inferior when shipped to Canada and certified to CSA standards?

Intertek does have capabilities that UL does not. One being that Intertek is a NRTL for the USA and Canadian markets as well as a notified body (NB) for the EU and other world markets. We have a global reach that UL does not. UL partners with other notified bodies to other similar service. Our ability streamlines testing to help to reduce cost and speed time to market. In today's fast pace world this is a vital critical advantage given the increase rate that products obsolete.

I do request that you make available to Intertek the legal documentation in which your competitor made this claim. Upon receipt, this will be forwarded to our legal counsel for review.

Thank you.

Mark

A handwritten signature in black ink, appearing to read "Mark Tilleman".

Mark Tilleman
Sales Executive
Intertek
25800 Commercente Dr
Lake Forest CA 92630
720-369-6708
mark.tilleman@intertek.com



FACT SHEET

ETL LISTED MARK

North America Product Safety Certification

After decades of high quality, integrity, expertise, and an unwavering commitment to customer service, Intertek's ETL certification has become the fastest growing electrical safety certification mark in North America. With tens of thousands of product listings and millions of products sold in the U.S. and Canada each year, we've grown from a niche player to a recognized market leader.



The ETL Mark from Intertek is making conformity assessment more flexible and accommodating so that our clients no longer see product safety testing as strictly an obligation, but as a process that can add value to product development cycles.

Intertek is a Nationally Recognized Testing Laboratory (NRTL) staffed by a global force of engineers performing the same testing, listing, labeling, and follow-up inspection services as other providers. We are accredited by national

organizations, agencies and regulatory bodies, including OSHA, to evaluate and list products in accordance with electrical safety standards.

What is an NRTL?

A Nationally Recognized Testing Laboratory (NRTL) is an independent laboratory recognized by the Occupational Safety and Health Administration (OSHA) to test products to the specifications of applicable product safety standards. An NRTL's function is to provide independent evaluation, testing, and certification of any electrically operated or gas- and oil-fired product.

What is the difference between Certification Marks?

Certification Marks demonstrate that the product that bears it has met the requirements of widely-accepted product safety standards as determined through the independent testing of an OSHA-recognized NRTL. As part of that testing regimen, the product manufacturer has

agreed to periodic follow-up inspections to verify continued compliance.

The only real difference between the Marks is in the service of the testing laboratory behind them.

Benefits of the ETL Listed Mark

- **Speed to Market** - The timeframe in which products are tested and ETL-certified is the fastest on the market.
- **Increased Revenue** - We bring your products to market faster than our competitors to help you maximize revenue potential and market share.
- **Flexibility and Efficiency** - Our combined services offer our customers multiple testing options. In addition to the ETL Listed Mark, we provide the ETL Sanitation, ETL Field



Intertek



Evaluation and many other proprietary product certifications such as the Green Leaf for environmental requirements and the Quality and Performance Mark (QPM) to prove quality, durability and other characteristics.

Not Just a Testing Lab - A Testing Partner

Our experienced testing and certification experts bring insight and greater efficiency to the testing process because we understand the products and technologies that our customers are developing and the standards that will apply.

Intertek is an active participant in many industry organizations and committees, including the IEC, IAEI, NEMA, and UL and CSA standards-writing committees among others, to ensure our continued knowledge of ever-changing testing standards and industry-specific requirements.

We answer directly to your needs and schedules across our global network of more than 1,000 offices and state-of-the-art laboratories to offer fast, flexible testing no matter where you are located. Bring your

products to market more quickly, smoothly and cost effectively than ever before when you partner with Intertek.

Accreditations to Hit the Mark

- OSHA regulations require that all product testing, evaluation and listing services be performed by an accredited NRTL – a recognition that Intertek has held since 1989.
- Intertek's ETL Listed Mark will increase your competitive edge and set your product on the path towards achieving greater profitability.

About Intertek

Intertek is a leading Total Quality Assurance provider to industries worldwide. Our network of more than 1,000 laboratories and offices and over 42,000 people in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains. Intertek Total Quality Assurance expertise, delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.

FOR MORE INFORMATION

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 icenter@intertek.com

 intertek.com/etl

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The Authority Having Jurisdiction's (AHJ's) Guide to North American Product Certification.



For more information about Intertek's testing and certification capabilities, please contact Intertek at 1-800-WORLDFAB, email icenter@intertek.com, or visit our website at www.intertek.com.

For information about specific product certifications, call 1-800-DIR-LIST, or visit our online product directories at www.intertek.com/directories.



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Introduction

Understanding the process of - and the players in - product certification

After a manufacturer has designed its electrical, electronic, or gas/oil-fired product in accordance with published standards and the product has been installed in the field, your job is to ensure it has been properly certified to keep people and property safe from harm. In communities across North America and countries worldwide, that role is as important (or even more so) as the product design itself.

This white paper provides a collection of frequently asked questions about North American product testing and certification that will help you better understand the process and the certifications. It will also hopefully enable AHJs of varying experience levels to be more efficient – and effective – in their jobs.

Intertek has worked with manufacturers for over a century in meeting national and international electrical requirements, dating back to one of our company founders – Thomas Edison. We've also partnered with AHJs for decades in assisting them with fast, accurate and reliable information on product certifications. Our goal is help ensure alignment between manufacturers and AHJs – to help them obtain the certifications you require when their products are installed in your jurisdictions.

OSHA and the NRTL Program

U.S. Department of Labor: Occupational Safety & Health Administration (OSHA)

OSHA Safety Regulations¹ are enforced by U.S. law and contain requirements for "approval" (i.e., testing and certification) of certain products by a Nationally Recognized Testing Laboratory (NRTL). These requirements help protect workers by ensuring products are designed for safe use in the workplace. An NRTL generally partners directly with the manufacturer to test and certify equipment and components.

Q: What is an NRTL? What is the significance of OSHA recognition?

A: In North America, manufacturers must depend on an independent third-party organization to provide safety certification for their electrical components. A Nationally Recognized Testing Laboratory is recognized by OSHA and functions to provide independent evaluation, testing, and certification of any electrically operated or gas- and oil-fired product based on product safety standards developed by U.S. consensus standards organizations such as the American National Standards Institute (ANSI) and Underwriters Laboratories (UL).

An NRTL has demonstrated compliance to the legal requirements in 29 CFR 1910.7. These requirements relate to the procedures in place for testing and certifying specific



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types of products for workplace safety, including capability, control programs, complete independence, and reporting and complaint handling. This means that an organization must maintain the necessary capabilities – both as a product safety testing laboratory and as a product certification body – in order to receive OSHA recognition as an NRTL.

The first NRTL was identified in the early 1970s but additional laboratories were not recognized until 1988, when a legal case brought by a U.S. testing house ensured a set of criteria was created, whereby laboratories could demonstrate their suitability to be recognized as an NRTL. Today, manufacturers have a choice when it comes to selecting a third-party NRTL to best meet their needs.

Q: What other requirements does OSHA regulate?

A: OSHA Safety Regulations contain general requirements for workplace safety. Operations subject to OSHA's requirements must demonstrate compliance to the provisions of applicable Safety Standards. Many of these requirements pertain to equipment for which OSHA does not require certification by an NRTL.ⁱⁱ

Q: What process does OSHA follow in recognizing an NRTL?

A: When an organization submits its application materials, OSHA staff conducts a thorough review to verify completeness and adequacy. For applications from foreign-based organizations, The Department of Commerce must consider the "reciprocity" of the foreign government. When the NRTL Program staff determines that the application is complete and adequate, they perform an in-depth on-site review of the applicant's organization, programs, and facilities. The staff then prepares a report and recommendation on the review.ⁱⁱⁱ

Based mainly on the application review and on-site review report, OSHA makes a "preliminary finding" on the application. The Agency publishes a notice of this finding in the Federal Register to allow for public comment. Following a 30-day comment period, OSHA publishes a second notice of its final decision and response to any comments received, making the recognition official for successful applicants (or denying the recognition for unsuccessful applicants). After publication of the decision, the Assistant Secretary of Labor for Occupational Safety and Health (the head of OSHA) sends a formal notification to the applicant. This notification sets forth the specific scope and other terms of the recognition, which remains in effect for a five-year period. At the end of the initial period, the NRTL must apply for renewal of recognition.

Q: What is an NRTL's scope of recognition?

A: The specific safety test standards for which an NRTL applies for recognition, and that OSHA approves, define only one area of its scope of recognition. The other areas are the specific testing locations (sites) and the supplemental programs that OSHA has recognized for the NRTL.^{iv}



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After the initial recognition, an NRTL may seek to expand its scope of recognition by requesting recognition for additional test standards, for example. An NRTL is only recognized by OSHA Safety Regulations for specific products within its scope of recognition.

Q: What does it mean when OSHA "accepts" a product certified by an NRTL?

A: OSHA's acceptance of a product certified by an NRTL generally occurs during the workplace inspection, performed by OSHA compliance officers. However, this acceptance does not mean the product is "OSHA-approved." It means that the NRTL has tested and certified the product to demonstrate conformance to specific product safety test standard(s). It also means the employer has complied with (at least) one requirement in OSHA Safety Regulations.

Q: What product safety test standards can an NRTL use in certifying products?

A: An NRTL must use "appropriate" product safety test standards in certifying products for workplace safety.^v These test standards contain technical requirements that products must meet for workplace safety. OSHA does not develop these test standards but has defined the specific requirements of an appropriate test standard within its regulated scope.

Many of these standards are published by organizations such as the International Electrotechnical Commission (IEC), American National Standards Institute (ANSI), Underwriters Laboratories (UL), the National Fire Protection Association (NFPA), the Institute of Electrical and Electronics Engineers (IEEE), and ASTM International (American Society for Testing & Materials). The product safety test standards recognized for an NRTL are consistent with OSHA Safety Regulations, which are U.S. law.

Q: Are all OSHA-approved NRTLs equal in ability?

A: Given that each NRTL has met the same requirements for recognition, OSHA considers all NRTLs that have been recognized for the same product safety test standard to be equivalent in their capability to certify to that standard. For example, any NRTL recognized for ANSI Z21.17, a test standard for gas unit heaters, can certify such units for a manufacturer. However, even if recognized for the same test standards, each organization has different abilities depending on its experience, personnel, facilities and equipment, testing methods, and other aspects of its operations. OSHA only recognizes organizations as NRTLs and, under its regulations, cannot dictate how an NRTL operates.^{vi}

Q: How do I know whether an NRTL has certified a product?

A: Each NRTL designates product conformance to the required product safety test standards using its own unique, registered certification mark(s). Each NRTL must register its certification mark(s). In the U.S., this is done with the US Patent and Trademark Office. Samples of these are Intertek's ETL Listed Mark, or Underwriters Laboratories' UL Mark.



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The ETL Listed Mark. A product bearing the ETL Listed Mark with the "US" identifier at the 4 o'clock position has been tested and deemed compliant to U.S. product safety standards only. An ETL Listed Mark with a "C" identifier at the 8 o'clock position means the product bearing it complies with Canadian product safety standards only. And an ETL Listed Mark with both "US" and "C" identifiers, at the 4 o'clock and 8 o'clock positions respectively, signifies that the product bearing the mark complies with both U.S. and Canadian product safety standards.



The manufacturer physically places these marks on those products that the NRTL has certified as meeting the requirements of the test standard. In accordance with OSHA policy, an NRTL must ensure that its registered certification mark is applied to each unit, or if not feasible, to the smallest package of the product the NRTL certifies.

Q: Does OSHA accept the "CE" mark or accept equipment certified by foreign testing organizations?

A: The CE mark is unrelated to the requirements for product safety in the U.S. It is a generic mark used in the European Union (EU) to indicate that a manufacturer has declared conformance to EU product safety requirements. In the U.S., OSHA's NRTL requirements dictate that the product must bear the specific mark of an NRTL recognized to test and certify these types of products.

Q: Can an NRTL use others to do part of the work necessary in testing and certifying products?^{vii}

A: OSHA permits an NRTL to use outside parties to perform certain activities involved in testing and evaluating products, provided that the NRTL has met certain criteria. OSHA has broadly grouped these activities into nine "programs" and included the description and criteria for each program in a Federal Register notice, published on March 9, 1995 (60 FR 12980).

The first or basic program stipulates that the NRTL that certifies the product must perform all product testing and evaluation independently. An NRTL's initial recognition will always include this first program. The other eight, called "supplemental programs," involve the NRTL's acceptance of testing and evaluation data or services from outside parties. An NRTL must apply for recognition to use any of the supplemental programs. OSHA will grant the request if the NRTL has met the criteria for the specific program.

OSHA has no authority over whether or not an NRTL accepts the product testing, certifications or approvals of another NRTL. It is strictly a business decision made by each NRTL to determine if they accept the work output of another – often competing – NRTL.

Q: Does OSHA subsidize or indemnify NRTLs?

A: NRTLs are private organizations or companies that operate businesses. They are not financially or otherwise supported, subsidized, or indemnified by the Government in their



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capacity as an NRTL. These organizations maintain the risks and liabilities for their actions when testing and certifying products.

Q: How does OSHA enforce requirements for NRTL approval?

A: By recognizing a testing laboratory as an NRTL, OSHA is relying on the qualified organization to test and certify the safety of products used in the workplace. OSHA will enforce requirements for these NRTLs by conducting annual audits to verify the quality of its operation continues to meet requirements for recognition. OSHA compliance officers will also perform workplace inspections to review specific products and check whether they contain the certification mark of an NRTL.

Q: Does OSHA have alternatives to NRTL "approval" of products?

A: OSHA Safety Regulations for electrical equipment^{viii} define the word "approved" as acceptable to the Assistant Secretary of Labor for Occupational Safety and Health. In addition, equipment is acceptable under this subpart if it is:

- 1) Certified by an NRTL
- 2) Equipment that is inspected by another Federal agency, or by a state, municipal, or local authority^x
- 3) Custom-made equipment^x

Q: Do OSHA requirements supersede any code or other requirements imposed by local code authorities?

A: Employers must comply with OSHA requirements applicable to their operations. These requirements are U.S. law and prevail over any conflict with local (including state) requirements. However, many OSHA requirements and local code requirements are based on the same national consensus standards, which mitigate potential conflicts.

In addition, requirements that local code authorities may impose on products are primarily installation or "field labeling" requirements, whereas OSHA's requirement for NRTL approval primarily affect the manufacturing of products. While an NRTL certifies products for a manufacturer, this certification may also meet requirements of local code authorities, who determine the nature and extent of their acceptance of an NRTL's certification.

Q: Do state OSHA programs have to accept products certified by an NRTL?

A: Many states have received approval by OSHA to operate an Occupational Safety and Health (OSH) program in their state. This transfers the responsibility for enforcing OSHA's requirements from the Federal Government to the individual state. Such states^{xi} must adopt standards that are at least as effective as the Federal standards. While many do adopt Federal standards verbatim, a number have what they consider to be more effective standards. However, OSHA reviews such additional requirements to determine that there



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is a compelling local interest for them and that they do not pose a burden on interstate commerce.

For workplaces under its jurisdiction, a state OSH program must accept products properly certified by an NRTL where the state standards are the same as Federal standards. If a state were to adopt its own NRTL program, the recognition it grants to its NRTLs would only apply within that state.

Choosing an NRTL

Q: Where can I view the current list of NRTLs?

www.osha.gov/dts/otpca/nrtl/index.html

Q: How does a manufacturer choose which NRTL to use?

A: When choosing a testing and certification partner, the manufacturer should make a list of key purchasing drivers and use this as a guide.

While keeping production costs down is vital, the companies offering the cheapest rates aren't necessarily the best value. In many cases, the following benefits offer far more value than low costs alone.

- **Responsiveness** – fast, quality service that improves time to market
- **Cost Effective Solutions**
- **Product Portfolio** – a wide range of certification/approval marks
- **Service Portfolio** – particular areas of industry or product expertise
- **Geographic Access** – certifications/approvals that yield maximum market access
- **Reputation**
- **Local Service Offerings** – assistance on global and local manufacturing levels

Product Marking

Q: What does a safety mark tell me?

A: Safety marks such as ETL, UL, and CSA signify that the product has been tested to and found in compliance with national safety standards by a qualified, independent testing laboratory. The presence of a safety mark also means the product is 'listed' in the directory



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of the laboratory that verified the product's compliance and is part of an on-going, follow-up program that ensures the product's continued compliance during manufacturing.

Q: What is the difference between the UL, CSA, and ETL Listed Marks?

A: All of these marks demonstrate that the product that bears it has met the minimum requirements of widely accepted product safety standards as determined through the independent testing of a Nationally Recognized Testing Laboratory (NRTL). And, as part of that testing regimen, the product manufacturer has agreed to periodic follow-up inspections to verify continued compliance. The only real differences between the Marks are in the service, and services, of the testing laboratory behind them.

Q: Aren't manufacturers required to use UL for their compliance testing? Isn't this mandated by the standards themselves?

A: The simple answer to both questions is "no." In fact, this misconception has misled many manufacturers to believe that they don't have a choice in their third-party testing partner. To satisfy the prerequisite of having your products tested by an independent organization, the true legal requirement is that the laboratory which performs the testing be a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA.

Intertek is an NRTL and is recognized worldwide as a competent testing, inspection, and certification organization, and our ETL Listed Mark serves as proof of product compliance with U.S. standards. We test to UL standards, among others, and our experts sit on many committees involved with the development of industry standards.

Q: Who looks for safety marks?

A: In addition to product vendors, safety-minded facilities managers, and purchasing agents who specify safety certified products, a variety of people and/or organizations expect to see safety certification marks on products. This includes city code officials, OSHA officials, and electrical inspectors who adhere to the National Electric Code (NEC). Given that jurisdictional authority expectations and requirements vary from city to city and region to region, a nationally recognized safety mark is beneficial to device manufacturers and healthcare facilities throughout North America.

Q: What does the ETL Listed Mark mean when displayed on my product?

A: In short, the ETL Listed Mark indicates that your product has been tested by Intertek, found in compliance with accepted national standards, and meets the minimal requirements required for sale or distribution. To your distributors, retailers, and customers, the ETL Mark is assurance that the product is compliant with safety standards, having been tested and certified by a third-party organization.

Q: Will retailers accept my product if it bears the ETL Listed Mark?

A: Yes. Since the ETL Listed Mark is an accepted and recognized demonstration of product compliance, and Intertek is recognized as an NRTL, there is no reason why retailers should not accept products bearing the ETL Listed Mark. Any indication otherwise



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by an individual retailer or distributor likely stems from misinformation in the marketplace—the same misinformation that has led some manufacturers to believe they don't have a choice in their third-party testing organization. Intertek has taken a leadership role in educating the industry on the legal requirements behind regulatory compliance, and we continue to make great strides in helping those manufacturers and retailers who remain confused to better understand their true responsibilities to the marketplace and the competitive advantages we offer.

Q: What products bear the ETL Listed Mark?

A: Intertek provides a broad range of electrical, electronic gas and oil-fired product safety testing and certification services for companies spanning multiple industries, markets, and applications. As such, the products bearing our ETL Listed Mark run the gamut from HVAC equipment to medical devices; automotive products; industrial machinery; life safety products; telecom; IT; wireless devices, and more. For a comprehensive look at which products bear our mark (over 85,000 listed products), we invite you to look at our Directory of Listed Products, which provides details on every product tested and certified by Intertek.

Q: Is the ETL Listed Mark acceptable in my jurisdiction?

A: Yes. The ETL Listed Mark is recognized by local inspectors and Authorities Having Jurisdiction (AHJs) throughout North America and also in some areas of South America. As Intertek is an NRTL recognized by OSHA, the ETL Listed Mark is an accepted alternative to UL and, as such, inspectors and AHJs can recognize, acknowledge, and accept the mark as proof of product compliance.

Q: How does a manufacturer maintain its Certification?

A: The issuing certification body will conduct random checks on products to ensure continued compliance and typically ask to inspect the manufacturing site on an annual, semi-annual, or quarterly basis to monitor the process – depending on the product involved.

Occasionally, the standards that govern full product certification/approval change or expire, and therefore must be reviewed to ensure compliance with the revised/ new standard. This may be as simple as updating paperwork where the technical file is reviewed, but sometimes additional testing is required.

Another variable to continued certification/approval is critical (sometimes called *listed*) material or component substitution. If these are provided to the certification body, the substitutions can be checked to ensure that the safety of the product has not been compromised. If the certification body is not notified of such changes the certification/approval can potentially become invalid and the product *de-listed*.



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Q: Does product certification help defend a company against product liability concerns?

A: Yes. Should the worst happen and a product unexpectedly malfunctions – and accusations of product liability become levied against the manufacturer – product certification provides compelling evidence that you took due care to produce a reliable product as prescribed by applicable standards. The manufacturer will have validation by a recognized expert in the product evaluation field, independent and accredited testing and certification provider.

Q: Can certification help minimize the chances of a product being recalled?

A: Yes. The certification process for a product is a stringent one. It can help to identify potential issues with a product before it goes on sale as every aspect of the product is assessed - from its design, to its likely function, and even the clarity and accuracy of the user instructions. Intertek also offers a wide range of performance testing services that can help determine potential failure points early on, as well as its proprietary Quality & Performance Mark which helps manufacturers *prove* a product's quality, rather than simply promise it.

Q: The testing and certification process seems very involved? Can a manufacturer make it shorter and less painful?

A: A testing and certification laboratory will work with manufacturers to make the process as efficient as possible – but every product is different and some certifications simply take longer than others. However there are some common-sense tips to optimize testing and certification:

- Involve the testing and certification partner in the product design phase to help point out potential non-conformities early. A design review can help save significant time and money in potential re-testing and re-design later on.
- Where possible, “design for compliance” using the latest version of the appropriate product Standard as a guide.
- Submit families of products together to reduce test costs and potential test time.
- Consider scheduling EMC and Safety testing at the same time. The testing and certification laboratory can help plan this to reduce time and costs.
- Check what paperwork the laboratory needs to process the project and compile it as soon as possible. This too can greatly shorten overall project turnaround and help get products to market faster.
- Work with the testing and certification laboratory to identify which tests can be done for the greatest number of markets. Learning which test can be combined or how close a product is to meeting requirements for additional markets can also save



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significant time and money and greatly increase a manufacturer's revenue potential.

Other Marks

Q: Are there separate product certification marks for environmental conformity, energy efficiency, performance, etc?

A: There are dozens of certification/approval marks available to manufacturers. Some of these are product specific – but almost all deal with a notable aspect of the product, such as its safety, energy efficiency or materials composition. The types of testing that could result in certification include:

Performance

Some manufacturers use voluntary Marks to additionally highlight aspects of product performance or quality. This helps further differentiate their products in the marketplace. The tests required for such marks are usually conducted against a baseline of recognized criteria for a product.

Materials

Most markets now have in place legislation to minimize or eliminate hazardous substances that go into the making of a product. This is to reduce the amount of hazardous material that will end up in landfill at the end of product life which could contaminate land and potentially pose a hazard to people and animals.

Many certification bodies can measure the levels of hazardous substance in products and certify materials compliance with legislation. Some schemes offer product Marks and some offer documentation that can be used for port access and technical files.

Energy Efficiency

ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

In 1992 the US Environmental Protection Agency (EPA) introduced ENERGY STAR as a voluntary labeling program designed to identify and promote energy-efficient products to reduce greenhouse gas emissions. Computers and monitors were the first labeled products. Qualified energy efficiency ratings are usually 10% better than enforced mandatory standard limits or certification program limits. The ENERGY STAR label is now on over 50 product categories including major appliances, office equipment, lighting, and home electronics. EPA has also extended the label to cover new homes and commercial and industrial buildings.



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International Testing & Certification

IECEE CB Scheme

Obtaining full product certification through the IECEE CB scheme will help a manufacturer achieve acceptance and recognition by the authorities of up to 53 countries worldwide. While some authorities accept a CB Certificate as evidence of compliance without the need to apply for a specific national certification, others do not. In this case manufacturers can use their CB Certificate to apply for the nationally recognized certification of their target markets, without the need to conduct all of their testing again from scratch. Sometimes national deviations in standards and regulations may require some additional assessment of a product, but supplemental tests are not always required as many countries use harmonized standards.

Essentially, one CB certificate can be used in applications for national certification to all 53 members – ensuring core testing does not need to be repeated. For more information, refer to: www.iecee.org.

Fast Facts: The CB Scheme:

The CB Scheme is run by an international group of certification bodies known as the IECEE. It enables a mutual acceptance of test reports and certificates dealing with the safety of electrical products and components between member bodies. A manufacturer holding a CB Certificate from one member body can obtain the certification Marks of another.

The scheme is based on the use of harmonized IEC Standards and declared national differences.

The CB Scheme is recognized in 53 countries worldwide.

Certification for Canada

Q: How does Certification work in Canada?

Product and Systems Standards in Canada are governed by the Standards Council of Canada (SCC). This body is responsible for accrediting test and certification bodies that can test to Canadian standards and they report directly to the Canadian Parliament.

The essential process of product testing and certification for Canada is the same as it is in the US. Products must undergo testing by an independent accredited body to relevant Standards - and on successful completion of those tests and a review of the product technical file, certification can be issued.

The SCC started accrediting certification bodies and test laboratories in the early 1980s and currently 28 organizations carry accreditation – including Intertek in the US and Intertek in Canada, both of whom offer the ETL mark to demonstrate compliance with Canadian Standards.

The Electrical Safety Authority (ESA) of Ontario now requires all manufacturers of electrical products intended for sale in Ontario to be registered with the ESA in addition to having certified products.



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Certification for Mexico: NOM

Q: What does the NOM Mark mean?

A: NOM stands for 'Norma Oficial Mexicana' and is the designation of the national certification scheme of Mexico - which shows that a product has been found in compliance with accepted national standards, and meets the minimal requirements for import, sale or distribution. To a manufacturer's distributors, retailers, and customers, the NOM is assurance that the product is compliant with safety standards, having been tested and certified by a third-party organization.

Over 2,000 product categories are required by law to carry a NOM mark, including household refrigerators, freezers, gas heaters, cloth washers, air conditioners; small induction motors and motor operated tools; vertical and submersible water pumps; compact fluorescent lamps and wiring devices; telecom products that are data transmitters (digital, analogical, LAN or WAN systems) and those intended to be connected to the Public Telecom Network (PTN) and designed to process, receive, transmit or convert signals.

All electrical products exported into Mexico must meet NOM requirements as well as mandatory energy efficiency requirements. Certifications are valid for one year and need to be renewed annually.

Q: Who accredits Intertek to test against Mexican Standards?

A: Intertek has been accredited as a testing and certification body by Entidad Mexicana de Acreditación (EMA) and approved by the General Direction of Standards (DGN) of the Secretaría de Economía in Mexico. As an accredited certification body, Intertek may test for product safety and issue the NOM Mark for Mexican market entry.

Q: Does any other company test to NOM standards?

A: Intertek offers local operations in Mexico providing independent testing to NOM Standards as well as final NOM Certification – which is mandatory for more than 2,000 product categories being sold in Mexico. Until recently, the NOM Certification program was solely managed by two Mexican Certification Bodies. Today the program allows additional Product Certification Organizations that meet strict requirements, such as Intertek, the ability to offer the NOM Certification.

Q: What standards can Intertek test and certify to?

A: Intertek is accredited to test and certify to a range of NOM standards, from small household appliances to commercial IT products, including:

- NOM-001-SCFI-1993 "Electronic Apparatus. Electronic household appliances input by different electric power sources. Safety requirements and testing methods for type approval", based on IEC-60065



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- NOM-016-SCF1-1993 "Electronic apparatus for offices input by different electric power sources. Safety requirements and testing methods", based on IEC-60335-1
- NOM-019-SCF1-1998 "Safety of data processing equipment", based on IEC 60950
- NOM-003-SCFI-2000 is the mandatory NOM product safety specification for electrical products. As a specification, it does not include testing requirements, but it does call for the following standards:
 - NMX-J-521/1-ANCE-2005: Household electrical apparatus and electrical equipment, based on IEC 60335-1-1991-04
 - NMX-J-524/1-ANCE-2005: Handheld motor operated tools, based on IEC 60745-1-1998-02
 - NMX-J-508-ANCE-2010: Wiring devices, small interrupters, incandescent-type luminaries, based on IEC 60884-1 and IEC 60669-1
 - NMX-J-515-ANCE-2008: Industrial control, based on NEMA ICS
- NOM-064-SCFI-2000 safety requirements for indoor and outdoor luminaires (HID and Halogen Types).

Q: Who can NOM Mark Certification be issued to?

A: NOM certificates will only be issued to Mexican manufacturers, importers and exporters, or to foreign manufacturers and exporters in countries with which Mexico has a free-trade agreement.

Q: What documentation does a manufacturer need to apply for a NOM certification?

A:

- The successful NOM test report, product design drawings and specifications including circuit diagrams.
- The user manual in Spanish
- The product rating label in Spanish
- Name and address of the importer or distributor in Mexico.

Q: Can a manufacturer get both a NOM Mark and an ETL Mark on its product?

A: Yes. Intertek provides both Marks and we can test a product for access to multiple markets (Mexico, United States, Canada and others). There are many advantages in using a single testing laboratory for multiple market certifications, but primary among them are time-efficiency and cost-efficiency. Quite simply, combining projects at Intertek will save



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time and money, and the manufacturer will likely be able to deliver your products to market faster – ahead of the competition.

Q: Can a Manufacturer transfer a NOM certification to a local distributor?

A: Unfortunately, no, however a manufacturer that is a NOM holder may extend usage rights of its NOM certification to Mexican distributors, who may then obtain their own NOM certification without additional testing.

Summary

Of the many things a busy Inspector, Code Official, Plans Reviewer, Fire Marshal, or other AHJ has on his/her plate, ensuring the public's safety is always at the top of the list. Reviewing the electrical safety certification of the products purchased and installed in your jurisdiction is one of the most efficient ways to do this. Ultimately, having confidence that a product bearing the ETL Mark, UL Mark, CSA Mark or any other qualified NRTL certification mark is critical for an AHJ to properly do his/her job in a timely manner.

Intertek competes with these private testing laboratories – some not-for-profit such as CSA, and some for-profit like Intertek and UL – and we differentiate ourselves on service, expertise, and in some cases on price to win the manufacturers' business. One thing we all have in common, however, is the unwavering commitment to product safety and the safety of the people and property in which these products are used.

Sources

www.scc.ca
http://www.osha.gov/dts/otpc/nrtl/faq_nrtl.html
<http://www.intertek.com>

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ⁱ These safety requirements can be found in Title 29 of the Code of Federal Regulations (29 CFR). Provisions for NRTL certification are in Part 1910 (29 CFR Part 1910).

ⁱⁱ Examples of equipment requiring safety certification by an NRTL can be found in subpart S - Electrical, of 29 CFR Part 1910.

ⁱⁱⁱ OSHA follows the "Procedures for Initial OSHA Recognition" found in Appendix A to 29 CFR 1910.7

^{iv} OSHA specifies which test standards are in the NRTL program



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^v See 'Test Standard Approval Criteria' in the NRTL Program Directive

^{vi} An organization decides the detailed aspects of its own NRTL operations, though OSHA has some general policies with which NRTLs must comply.

^{vii} (Pertains to March 9, 1995 Federal Register notice)

^{viii} (subpart S of 29 CFR Part 1910)

^{ix} One who is responsible for enforcing and assuring compliance with occupational safety provisions of the National Electrical Code

^x Equipment designed, fabricated for, and intended for use by a particular customer, and determined to be safe by the manufacturer for its intended use

^{xi} Referred to as "State-Plan" states by OSHA

GOAA
Received
APR 06 2020

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April 6, 2020

VIA EMAIL AND HAND DELIVERY

Phillip N. Brown
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pbrown@goaa.org

*Re: WS146, SOUTH TERMINAL C - ORIGINAL EQUIPMENT MANUFACTURER (OEM)
FOR PASSENGER BOARDING BRIDGES AND AFFILIATED EQUIPMENT --
BID PROTEST OF THYSSENKRUPP AIRPORT SYSTEMS, INC.*

Dear Mr. Brown:

In this bid protest, thyssenkrupp Airport Systems Inc., (“thyssenkrupp”) appeals the decision of the Greater Orlando Aviation Authority’s (“GOAA”) Professional Services Committee (“PSC”) to recommend to GOAA’s Board to award the above-referenced project to JBT Aerotech Corporation (“JBT”) subject to further review of the submitted documents. As explained in greater detail below, the specific grounds supporting this protest are that JBT’s bid should be rejected by GOAA as non-responsive, as JBT’s proposal failed to meet specific, material criteria in the Specifications for the project. In the alternative, even if JBT’s failure to meet the Specifications would not warrant an automatic disqualification for non-responsiveness, the Price Proposal and Ranking Sheet for the bidders must be recalculated to account for JBT’s failure to meet a key Specification. This rescoring would result in thyssenkrupp being awarded first place in one additional ranking category. As a result, the recalculation of the three factors for the project would result in thyssenkrupp receiving a first place ranking, and therefore the recommendation that thyssenkrupp should be awarded the contract.

I. INTRODUCTION AND THYSSENKRUPP'S STANDING TO PROTEST

The instant bid protest is filed pursuant to the GOAA Purchasing Manual, page 15, paragraph 6. Furthermore, the PSC Agenda, dated March 31, 2020, at the bottom of page 1, authorizes any aggrieved party to file such a protest. (See Exhibit "A"). The undersigned attorneys are counsel for thyssenkrupp and have been authorized by thyssenkrupp to file this appeal.

thyssenkrupp is a worldwide leader in the manufacturing, installation and servicing of passenger boarding bridges. The company is located at 3201 N. Sylvania Ave., Suite 117, Fort Worth, TX 76111. The company can be reached by phone at (817) 210-5000, and by facsimile at (817) 834-6985.

This protest pertains to GOAA's request for proposals for project number WS146, South Terminal C – Original Equipment Manufacturer (OEM) for Passenger Boarding Bridges and Affiliated Equipment (the "Project"). GOAA's Project Manager for this Project was John Scala, whose office is located at One Jeff Fuqua Boulevard, Orlando, Florida 32827.

The initial request for this Project was issued in early 2020 and a Pre-Submittal Conference was hosted by GOAA on March 2, 2020. The Project documents call for the manufacture and delivery of thirty (30) Passenger Boarding Bridges ("PBBs") and affiliated equipment (including Ground Power Units, PBB Rooftop Cooling Unit, Water Cabinets, Air Handler Units, and PBB Belt Loaders) for use at South Terminal C, Phase 1, at the Orlando International Airport. Installation services for the PBBs were to be competitively procured separately.

All questions for the Project were required to be submitted by March 11, 2020, and all sealed bids were required to be submitted no later than March 30, 2020, per Project Addendum 5. Bid opening and evaluation took place on March 31, 2020 at 9:30 a.m. at GOAA. (See Exhibits "A" and "B").

Bid opening revealed that three (3) contractors timely submitted bids for this Project. Those contractors were thyssenkrupp, JBT, and CIMC Tianda North America JV ("CIMC"). In terms of price, the unevaluated bids were as follows:

1.	CIMC	\$21,834,423.03
2.	thyssenkrupp	\$24,894,226.00
3.	JBT	\$25,325,197.00

Thus, JBT submitted the highest price of all three bidders, and thyssenkrupp's price was more competitive than JBT's price by nearly \$431,000.00.

The Submission Requirements for the Project required the PSC to rank each company from one (1) to three (3), with "1" being the best. Rankings would be made on three factors: (a) qualifications and project approach; (b) technical product and production schedule; and (c)

price proposal. The winning bidder would be the company with the lowest combined overall score. The PSC's overall ranking of the three companies on each category was as follows:

	CIMC TIANDA North America JV	JBT Aerotech Corporation	Thyssenkrupp Airport Systems, Inc.
(A) Ranking for Qualifications and Project Approach	3	1	2
(B) Ranking for Technical Product and Production Schedule	3	1	2
(C) Price Proposal	\$ 21,854,428.03	\$ 25,825,197.00	\$ 24,894,720.00
(C) Ranking for Price Proposal	1	3	2
Total Ranking of Three Factors	7	5	6

Accordingly, JBT scored lowest and best with an overall score of 5, thyssenkrupp finished second with an overall score of 6, and CIMC ended up third with an overall score of 7. (See Exhibit "B").

This appeal is timely because it is being filed by hand delivery and e-mail today, April 6, 2020, with the Chief Executive Officer of GOAA, within five (5) business days of the March 31, 2020 meeting. See Exhibit "A" ("Any appeals of decisions made by the Professional Services Committee must be filed with the Chief Executive Officer within five business days [no later than 4:00 p.m. on the fifth business day] of the rendering of that decision").

Further, thyssenkrupp has standing to file this protest because thyssenkrupp is a bidder for the Project and, pursuant to law, can file a protest as an aggrieved party. Further, thyssenkrupp's standing to appeal is heightened by the fact that its bid received the second lowest score for the Project, and thus, if successful, its bid would displace JBT's bid as the lowest ranking bid in the event that a favorable determination is made by GOAA.

II. SPECIFIC FACTS SUPPORTING THIS PROTEST

It is clear that JBT submitted a non-compliant and non-responsive bid, and in addition received an unjustified ranking in the Technical Product and Production Schedule ("Technical Product") category. This error resulted in JBT receiving five (5) points in total scoring and thyssenkrupp receiving six (6) points.

First, under the clear terms of the Specifications and applicable law, JBT's bid should be disregarded as non-responsive. Responsiveness requires adherence to all material specifications in a bid, and by the plain language of the Specifications and applicable law, JBT failed to do so. However, even if JBT's bid is accepted, it is clear that JBT, despite not meeting the Specifications, still received the best ranking under Technical Product category, which is improper. Since thyssenkrupp provided a 100% compliant bid in this category, and JBT clearly did not,

thyssenkrupp should have been ranked first place, and JBT second. Therefore, the Project should be rescored and the total score should be revised accordingly, which would result in thyssenkrupp finishing in first place with a five (5) in total scoring, and JBT in second place with six (6) in total scoring. Under either argument, thyssenkrupp should receive the recommendation of the PSC to be awarded the contract for this Project.

A. JBT's Bid is Non-Responsive and Must be Disregarded by GOAA.

The Orlando International Airport ("MCO") is a major public airport that services not only the Central Florida community, but travelers from around the world. In 2019, MCO handled 50,613,072 passengers, making it the busiest airport in the state of Florida and the tenth-busiest airport in the United States. As such, the safety and security of passengers is of the utmost importance to GOAA. Accordingly, the Specifications for the Project were quite detailed. Furthermore, the PSC specifically had the right to refuse to rank a proposal if it was non-responsive. (Exhibit "C" – "Submission Requirements," p. 8).

One of the most important, if not the most important, set of Specifications for the Project is Section 23 90 00, Pre-Condition Air Units and Specialties. This Specification details, among other things, the Air Handling Units ("AHU") and Utility Transport Units for the Project. In these Specifications, Part 1, Item 1.4 "Quality Assurance" states as follows in subsection L: "**UL Compliance: Air-handler units shall be UL-listed and labeled.**" (Exhibit "D") (emphasis supplied).

UL was formerly known as Underwriters Laboratories. It has existed for over 125 years and is universally recognized as a global leader in safety certifications for various equipment. "UL, or Underwriters Laboratories, develops product safety standards, tests products for compliance with those standards, and certifies products that pass its tests." e-ImageData Corp. v. Digital Check Corp., 15-CV-658, 2018 WL 1411226, at *2 (E.D. Wis. Mar. 21, 2018).

It is clear that at the time of the bid, JBT's AHUs were *NOT* UL-listed and labeled. Based on what was stated at the public deliberations, JBT planned to utilize its own AHUs on the Project. JBT's AHUs do not have the requisite UL labels, nor is JBT listed with UL. A simple search of UL's website demonstrates that JBT clearly does not meet this Specification, as it is only UL listed for food preparation machines and control panels. By contrast, thyssenkrupp is listed by UL for the products at issue in this Project. (See Exhibit "E"). In addition, an independent company, Twist Aero, and UL itself, have both confirmed to thyssenkrupp that JBT's AHUs are not UL listed and labeled. (See Exhibits "F" and "G").

A clear and unmistakable requirement of the Specifications for the Project is UL listing and labeling. The Specifications provide no room for interpretation; they do not say UL "or equivalent" labeled or listed AHUs are allowed. Because JBT has failed to comply with this explicit requirement in the Specifications, its bid should have been deemed non-responsive under

GOAA guidelines and applicable procurement case law.

First, past GOAA guidance supports this conclusion. GOAA's Purchasing Manual defines "Responsive Bidder" as "one who submits all of the required documentation per the RFQ documents, on time." GOAA's own submission requirements for this Project state that each bidder must identify the "Product Specifications for each type of required Passenger Boarding Bridge, including performance and operational parameters, and a statement that all bridges and affiliated equipment comply with the STC design specifications." (Exhibit "C"). Further, past GOAA actions on similar projects show that failure to comply with the terms of a request for qualifications renders a bid non-responsive. GOAA has deemed submittals non-responsive when the submitted bid differed from the requirements of the RFQ in warranty length, general terms and conditions, and/or payment terms. (See Composite Exhibit "H", for RFQ 92749-19).

JBT's bid is also non-responsive under the law. Florida law in the public procurement arena provides that a submittal is only responsive when it "conforms in all material respects to the solicitation." See Fla. Stat. §§ 287.012(25), 255.248(8). "It is a fundamental principle in a negotiated procurement that a proposal that fails to conform to a material solicitation requirement is technically unacceptable and cannot form the basis for award." *In re: The Boeing Company*, B-311344 (Comp. Gen. Jun. 18, 2008) (citing *In re: TYBRIN Corp.*, B-298364.6; B-298364.7, Mar. 13, 2007, 2007 CPD ¶ 51 at 5.).

In Florida, a material variation can be any of the following deviations from the specifications for a project: (1) one that affects the price of the bid; (2) gives the bidder an advantage or benefit not enjoyed by other bidders; or (3) adversely impacts the interests of the procuring agency. *Intercontinental Properties, Inc. v. HRS*, 606 So. 2d 380 (Fla. 3d DCA 1992); *Tropabest Foods, Inc. v. State, Dept. of Gen. Services*, 493 So. 2d 50, 52 (Fla. 1st DCA 1986). Stated another way, a responsive bid complies with the bid specifications. *Am. Eng'g & Dev. Corp. v. Town of Highland Beach*, 20 So. 3d 1000 (Fla. 4th DCA 2009) (failure to meet the required bidding specifications rendered a bid non-responsive).

Under Florida law, JBT's inclusion of non-conforming AHUs was an advantage or benefit not enjoyed by the other bidders—who complied and included UL-certified products. *Harry Pepper & Associates, Inc. v. City of Cape Coral*, 352 So. 2d 1190, 1193 (Fla. 2d DCA 1977) (a bidder's "inclusion of the nonconforming [equipment] was an advantage not enjoyed by other bidders, who were required to specify only approved equipment."). Furthermore, JBT's inclusion of a non-conforming AHUs adversely impacts GOAA, as a less rigid certification from another agency could place the safety, security, and quality of the Project in jeopardy.

Non-responsiveness is judged at the time of bid opening. A nonconforming bid cannot be brought into conformance after-the-fact. *Harry Pepper & Associates*, 352 So. 2d at 1193. Faced with a nonconforming bid, GOAA must reject JBT's submittal and the PSC should recommend awarding the contract for the Project to thyssenkrupp. See *id.* ("the City had but two proper alternatives: to

award the contract to the next lowest bidder who met the specifications, or to reject all bids and readvertise for new ones. The City exceeded its authority by allowing [the nonconforming bidder] to bring its bid into conformity with the specifications and then accepting it.”). For these reasons, JBT’s bid must be disqualified.

B. If JBT’s Bid is Not Rejected Outright, the Project Must be Re-Scored.

For the reasons stated above, GOAA should disregard JBT’s bid as non-responsive. However, in the alternative, even if JBT’s bid was not rejected outright, thyssenkrupp would still be entitled to the award of the contract for the Project, because the Ranking Sheet must be re-scored due to JBT’s noncompliance with the Specifications.

JBT included non-Specification compliant AHUs in their bid, which is a significant portion of the scope of work. Despite this material failure, JBT was somehow awarded a ranking of “1” in the Technical Product category. This ranking is in error and not justified.

The system of competitive bidding serves an important function in government, as it protects against improper outcomes and favoritism in the award of public contracts. Dep’t of Transp. V. Groves-Watkins Constructors, 530 So. 2d 912, 913 (Fla. 1988). To be clear, thyssenkrupp believes that at the time of the ranking, the PSC members did not know that JBT submitted a non-Specification compliant product, and consequently did not consider this very crucial factor in their scoring. Nevertheless, this represents an error by the PSC that must be rectified.

An agency must evaluate proposals consistent with the Solicitation’s requirements. See, e.g., Clean Harbors Env’tl. Services, Inc., B-296176.2, 2005 CPD ¶ 222, 2005 WL 3440631, at *3 (Comp. Gen. Dec. 9, 2005) (sustaining protest because agency evaluation was “inconsistent with the RFP”). The AHUs thyssenkrupp submitted are UL-Labeled and Listed. (See Exhibit “E”). UL’s rigorous labeling and listing requirements are not interchangeable with certifications issued by other agencies, such as ETL. Maintaining and obtaining UL labeling and listing is much more onerous than receiving a certification from other agencies.

The PSC clearly determined that thyssenkrupp’s and JBT’s proposals were very close to each other, but as it had to score one as better than the other, the PSC decided to rank JBT one (1) and thyssenkrupp two (2). After discovering clear evidence of JBT’s non-compliance with the specifications, this ranking should be reversed, and thyssenkrupp should be scored “1” and JBT scored “2” in the Technical Product category. Rescoring this category would result in thyssenkrupp’s total overall score being five (5), and JBT’s six (6). Consequently, thyssenkrupp should be recommended for the award of the contract.

C. Other Important Considerations Justifying Rescoring the Technical Product Category

Additionally, thyssenkrupp believes that the remaining products and equipment provided by

thyssenkrupp would be superior to the equipment proposed by JBT. This can be verified by comparing maintenance costs, availability, and cost of ownership of the existing 36 thyssenkrupp PBBs at MCO against existing JBT bridges.

Regarding the criteria of PBB product quality, specifications, performance, and operational parameters, the equipment proposed by thyssenkrupp largely exceeds the requirements of the Specifications, unlike JBT's. GOAA already has 36 thyssenkrupp PBBs which have been operational for more than ten (10) years. Based on thyssenkrupp's discussions with those who are directly involved in maintaining and operating these PBBs, they unequivocally state their satisfaction with these PBBs, and some even claim that maintaining thyssenkrupp bridges is easier, as thyssenkrupp PBBs require less maintenance and fewer parts. This can be verified by checking the maintenance and parts records of GOAA.

In addition, thyssenkrupp PBBs are UL listed and labeled while JBT's are not. Although this is not an explicit requirement for the Project, it is a factor that makes thyssenkrupp's PBBs unequivocally superior to JBT. JBT's PBBs only have an ETL certification, which is far easier and less stringent to obtain. Further, thyssenkrupp's products offer added benefits over JBT's, including:

- Flat Galvanized Steel Floors, for greater bacteria and mold resistance and fire protection;
- Coil Coated Galvanized Ceiling Panels, for better insulation and lighting and easier cleaning;
- Self-supporting Lightweight Construction, which allows less swaying, reduces noise from uneven shifting, and provides increased strength with a reduction in maintenance costs;
- Strategic Lift Column Location, which results in even load distribution among the rollers, and higher wind resistance, fewer spare parts and less in maintenance costs;
- Open PLC-System, featuring easy access by authorized personnel;
- Wider Service Door – featuring six additional inches to assist with transporting larger wheelchairs and over-sized baggage;
- Optional Emergency Rapid Lowering System, which can lower the bridge quickly to prevent aircraft door damage;
- Compact Drive System, which allows for longer tire life and fewer spare parts;
- Better Canopy, canopies are designed with a peak, centered atop to prevent water from accumulating on the canopy and allows for better fit and a longer service life;
- Cable Conveyance System, a side mounted system that provides for easier access and maintenance;
- Canopy Deployment System, which prevents accidental damage to the aircraft skin, requires fewer parts and has a better fit; and
- An Intelligent Gate Management System, which superior in monitoring PBBs, VDGS, and all and any of the auxiliary equipment.

In short, thyssenkrupp is offering a better quality system than JBT. The PSC should have given

greater consideration to both the proposed maintenance schedule and the expected number of replacement parts in determining the overall best value for GOAA under the Technical Product category. Therefore, objectively, it deserved a ranking of “1” in the Technical Product category.

Furthermore, even if GOAA believes that both JBT and thyssenkrupp’s products are very close in quality to each other, which they are not due to JBT’s noncompliance, the ranking system utilized by the PSC should defer to the lowest-priced bidder. Even if each company’s products are very close to each other, the ranking system does not recognize this, and makes the price all but irrelevant. Price is always an important factor when buying equipment from approved reputable companies, particularly when one company fully complies with the Specifications, and the other does not. It also bears repeating that the above mentioned oversight by the PSC would cost \$431,000 more to GOAA if adopted by the Board.

Lastly, GOAA should note that before the submission and during the bid preparation period, PSC issued an Addendum asking the proponents to explicitly address possible supply chain uncertainties in times of worldwide disruptions like, among others, the COVID-19 pandemic. Accordingly, thyssenkrupp went into great detail to underline why it is uniquely positioned and why it has a significant advantage over JBT. Whereas JBT manufactures all core equipment in one single place and factory, in Ogden, Utah, thyssenkrupp described at length its very secure, reliable, and above all regionally and internationally diversified supply chain. Nothing illustrates this better than the two thyssenkrupp sister plants, where it manufactures the core equipment, the PBBs. One factory is in Fort Worth, Texas, and the other is in Europe. With a cumulative capacity of almost 600 PBBs per annum, thyssenkrupp can weather the uncertainties of momentary disruptions objectively better than a company with a single workplace and factory for its core product, like JBT.

Nowhere is this more evident than in the added benefit thyssenkrupp can provide to GOAA in terms of its Proposed Production Schedule. Importantly, thyssenkrupp can provide all Phase I PBBs **two months** ahead of schedule, all Phase II PBBs **four months** ahead of schedule, and all Phase III PBBs **two months** ahead of schedule. Unless JBT offered to have its PBBs earlier than thyssenkrupp, thyssenkrupp should be scored better than JBT in terms of scheduling.

In sum, because (a) JBTs AHUs are noncompliant with the Specifications, (b) thyssenkrupp’s PBBs are objectively superior and UL listed and labeled, (c) thyssenkrupp’s production schedule is superior to JBTs, (d) thyssenkrupp has a diversified supply chain with suppliers much closer to MCO than JBT, and (e) thyssenkrupp’s PBBs have lower life cycle cost, cheaper, last longer, and require fewer spare parts, thyssenkrupp should be awarded a “1” in the Technical Product category.

III. CONCLUSION

If the PSC’s current recommendation were to stand, GOAA would be buying non-Specification compliant equipment, and paying almost a half million dollars more to do so. Such a result goes

Phillip N. Brown
April 6, 2020
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against common sense, the GOAA's written guidance, and applicable law.

For the above reasons, thyssenkrupp respectfully requests that GOAA (a) formally consider this protest, (b) sustain this appeal, (c) direct the PSC to reconsider its recommendation to the Board, and (d) award the contract for this Project to thyssenkrupp Airport Systems Inc.

If requested, thyssenkrupp is certainly willing to meet with the GOAA Board and answer any questions they may have about this Project.

Finally, thyssenkrupp reserves its right to supplement this protest to the extent additional information becomes available.

Sincerely,



Denis L. Durkin
Michael S. Vitale
Lindy K. Keown

cc: thyssenkrupp Airport Systems, Inc.

Enclosures

PROFESSIONAL SERVICES COMMITTEE AGENDA



DATE: Tuesday, March 31, 2020
TIME: 9:30 a.m.
PLACE: Live Stream at www.orlandoairports.net

For individuals who conduct lobbying activities with Aviation Authority employees or Board members, registration with the Aviation Authority is required each year prior to conducting any lobbying activities. A statement of expenditures incurred in connection with those lobbying instances should also be filed prior to April 1 of each year for the preceding year. As of January 16, 2013, lobbying any Aviation Authority Staff who are members of any committee responsible for ranking Proposals, Letters of Interest, Statements of Qualifications or Bids and thereafter forwarding those recommendations to the Board and/or Board Members is prohibited from the time that a Request for Proposals, Request for Letters of Interests, Request for Qualifications or Request for Bids is released to the time that the Board makes an award. As adopted by the Board on September 19, 2012, lobbyists are now required to sign-in at the Aviation Authority offices prior to any meetings with Staff or Board members. In the event a lobbyist meets with or otherwise communicates with Staff or a Board member at a location other than the Aviation Authority offices, the lobbyist shall file a Notice of Lobbying (Form 4) detailing each instance of lobbying to the Aviation Authority within 7 calendar days of such lobbying. As of January 16, 2013, lobbyists will also provide a notice to the Aviation Authority when meeting with the Mayor of the City of Orlando or the Mayor of Orange County at their offices. The policy, forms, and instructions are available in the Aviation Authority's offices and the web site. Please contact the Director of Board Services with questions at (407) 825-2032.

Due to the CDC guidelines and the order of Governor DeSantis, the Greater Orlando Aviation Authority is adhering to a business distancing operational plan. Please note that all Professional Services Committee meetings from today until further notice will be held telephonically. If you would like to speak at the meeting on an agenda item being considered, please contact the Recording Secretary, Tara Ciaglia (tara.ciaglia@goaa.org -or- 407-825-4461) no less than 24 hours in advance of the meeting. Otherwise, the Professional Services Committee will be available via Live Stream at www.orlandoairports.net

RECORDING SECRETARY	PHONE NUMBER	EMAIL ADDRESS
Tara Ciaglia	407-825-4461	tara.ciaglia@goaa.org

(Pursuant to Florida Statute 286.0113 (2)(b)1., the portion of the Professional Services Committee meeting, when interviews are being conducted, will be exempt from public meeting requirements.)

- ITEM 1** CONSIDERATION OF PROPOSERS FOR WS146, SOUTH TERMINAL C - ORIGINAL EQUIPMENT MANUFACTURER (OEM) FOR PASSENGER BOARDING BRIDGES AND AFFILIATED EQUIPMENT. *(Three firms responded by March 25, 2020):*
- CIMC Tianda North America JV
 - JBT Aerotech Corporation
 - Thyssenkrupp Airport Systems, Inc.

EXHIBIT "A"

Any appeals of decisions made by the Professional Services Committee must be filed with the Chief Executive Officer within five business days (no later than 4:00 p.m. on the fifth business day) of the rendering of that decision.

W-S00146 Price Proposal and Ranking Sheet
March 31, 2020

	CIMC TIANDA North America JV	JBT Aerotech Corporation	Thyssenkrupp Airport Systems, Inc.
(A) Ranking for Qualifications and Project Approach	3	1	2
(B) Ranking for Technical Product and Production Schedule	3	1	2
(C) Price Proposal	\$ 21,834,423.03	\$ 25,325,197.00	\$ 24,894,226.00
(C) Ranking for Price Proposal	1	3	2
Total Ranking of Three Factors	7	5	6

EXHIBIT "B"

**GREATER ORLANDO AVIATION AUTHORITY
REQUEST FOR STATEMENT OF QUALIFICATIONS (SOQ) FOR
SOUTH TERMINAL C - ORIGINAL EQUIPMENT MANUFACTURER
FOR PASSENGER BOARDING BRIDGES AND AFFILIATED EQUIPMENT (WS146)
AT THE ORLANDO INTERNATIONAL AIRPORT**

SUBMISSION REQUIREMENTS

This Project requires the manufacture and delivery of thirty (30) Passenger Boarding Bridges ("PBBs") and affiliated equipment (including Ground Power Units, PBB Rooftop Cooling Unit, Water Cabinets, Air Handler Units, and PBB Belt Loaders) for use at South Terminal C, Phase 1, at the Orlando International Airport ("STC"). **Note that the installation services will be competitively procured by the Greater Orlando Aviation Authority ("Aviation Authority") as a separate contract.**

For the scope this Project and information regarding the Pre-Submittal Conference, refer to the Advertisement, which is available on the Aviation Authority's website at:

<http://www.orlandoairports.net/airport-business/#business-opportunities>

Proposers and their key personnel must be experienced in performing similar services for projects of a scope and nature comparable to the Project. The Aviation Authority will provide, as Exhibits, PBB Specifications and Operational Requirements for Proposers to consider and utilize in the Proposers' submissions. These Exhibits will be posted to the Aviation Authority's website prior to Pre-Submittal Meeting.

Written inquiries, as well as any request for the PBB Specifications and Operational Requirements, shall only be directed to **John Scala, Project Manager, Greater Orlando Aviation Authority, Orlando International Airport at WS146@goaa.org**. Questions received after **5:00 P.M. Eastern Time on March 11, 2020** will not be answered.

To be considered for this Project, interested Proposers must submit seven (7) printed copies and one (1) electronic PDF version* on USB thumb-drive, **in sealed packages** clearly labeled "**SOQ for WS146 – SOUTH TERMINAL C - ORIGINAL EQUIPMENT MANUFACTURER FOR PASSENGER BOARDING BRIDGES AND AFFILIATED EQUIPMENT**" by **2:00 PM, local time on March 23, 2020** to **5850-B Cargo Road, Engineering & Construction Building Reception, Orlando, FL 32827**. Any SOQ received after the time and date stated above will not be considered and will be returned unopened.

***PDF submission requirements:** All documents shall be PDF/A compliant. PDF/A compliant documents have embedded fonts and do not reference external files. Layers shall not be preserved from CADD drawings. Scanned documents shall be created as PDF/A compliant, made text searchable and have a minimum resolution of 300 dpi. Submittals in PDF format shall have navigational bookmarks inserted in lieu of any tabs required in the hard copy. The entire submittal shall be contained on a single USB thumb-drive. In cases where there are discrepancies between the PDF and hard copy, the hard copy shall take precedence.

SOQs in print form shall include the following: one (1) volume, addressing each numbered subsection in the order requested, indexed and clearly identified. The information submitted

for items 1-2 (excluding tabs) shall not exceed 25 one-sided 8 1/2"x11" pages in Arial font with no smaller than 12 pitch font. **SOQs that are not in compliance with the requirements may be downgraded accordingly.**

1. **Proposing Structure Entity** – Proposer's Statement of the following:

- a) The name and address of the legal entity that will contract with the Aviation Authority if awarded the Agreement. Indicate all former names, if any, under which the Proposer has conducted business in the past fifteen (15) years and the years of operation under each name.
- b) Name, address, Email address and telephone/fax/mobile numbers of one (1) individual to whom all future correspondence and/or communications will be directed.
- c) A statement declaring the type of business relationship the Proposer will use (i.e., a single company, joint venture or other form of business relationship to perform the services for the Projects). If the Proposer is a joint venture or partnership, the Qualifying Experience in Section 2 may be satisfied by the Joint Venture, Partnership entity, or any member entity thereof. Please state whether the entity is currently in existence, is being formed specifically for this Project. If it is formed specifically for this Project, please provide a copy of the Joint Venture or Partnership Agreement. Important for Joint Ventures or Partnerships:
 - i. the Joint Venture or partnership must hold, in the name of the Joint Venture or partnership, the professional license as set forth in Section 6 below, and
 - ii. the Joint Venture or partnership must be the proposed policyholder of the insurance required in Section 4 below.

2. **Executive Brief** – An executive brief identifying:

- a) A cover letter signed by a person with authority to make legal commitments on behalf of the Proposer. Submission of the letter will constitute a representation by the Proposer that the Proposer is a multi-disciplined organization that employs trained personnel whose normal business is the manufacturing of Passenger Boarding Bridges and affiliated equipment.
- b) A explanation of the proposed approach to the Project, identifying proposed team members, if any
- c) Product Specifications for each type of required Passenger Boarding Bridge, including performance and operational parameters, and a statement that all bridges and affiliated equipment comply with the STC design specifications. Note any inconsistencies or substitution requests.
- d) A description of the methodology for manufacturing and quality assurance process for the PBBs and affiliated equipment, including production location(s)

- e) A detailed Production Schedule, including factors such as the time required for transportation/freight, delivery inspection and acceptance, and minimal onsite storage.
- f) A Maintenance Schedule that includes all of the manufacturer's suggested preventative maintenance tasks and anticipated replacement parts over the first five (5) years of operations. Attach a current replacement parts price list that is comprehensive of all replacement parts (do not limit the list to preventative maintenance parts).

3. **Qualifying Experience** – The term "Proposer" shall be defined, for the purposes of qualifying projects only, as the Proposing Entity that intends to sign the Agreement, if awarded, and any affiliated and related entity.

- a) **PBB Experience Summary detailing current and past projects.** Proposers shall provide evidence of at least ten (10) years of satisfactory experience in the design and manufacture of PBBs, including evidence of at least fifty (50) airport PBBs installed and in use at airports within the past ten (10) years. It is also preferred that PBBs be manufactured in the U.S. and shall be made of parts manufactured within the U.S. whenever possible. Proposers shall further provide a list of all PBBs supplied to airports within the last five (5) years. **Reference checks will be conducted on these projects.** For each project, include the following:
 - i. Name and location of project.
 - ii. The estimated value for each project, including number of PBBs provided.
 - iii. Types of PBBs and affiliated equipment provided.
 - iv. Proposer's key personnel's name, title, and description of his/her role on the listed projects.
 - v. Project completion date.
 - vi. Manufacturing location.
 - vii. The name, title, address, Email address and phone/fax/mobile numbers for a reference contact person of the Proposer's client who is familiar with the Proposer's role on that project, including the quality of post-installation support services.
- b) Provide additional projects and appropriate detail that the Proposer believes would enhance Proposer's demonstration of its PBB manufacturing, delivery, commissioning, testing and training experience. **Reference checks will be conducted on these projects.**

4. **Insurance Requirements** – Provide evidence of the Proposer's ability to provide the following insurance coverage, either by means of an existing policy or other verifiable proof (such as a project specific endorsement or Agent/Broker commitment letter).

The Prime Proposer shall be the Named Insured for all contractually-required insurance, with the Aviation Authority as the Additional Insured.

- a) General and Contractual Liability: \$5,000,000 per occurrence and \$10,000,000 annual aggregate, with maximum deductible or maximum self-insured retention of \$100,000. The Policy shall include Completed Operations Coverage for ten (10) years following completion per the period of Florida statutory liability (Florida Statutes §95.11), with no ISO Form 2294 Rider or other subcontractor error exclusion). Any deductible or self-insurance retention should be indicated on the Proposer's certificate of insurance.
- b) Automobile Liability: \$5,000,000, with maximum deductible or self-insured retention in an amount not exceeding \$100,000. Any deductible or self-insurance retention should be indicated on the Proposer's certificate of insurance.
- c) Worker's Compensation: (statutory limit) and,
Employer's Liability: \$500,000 - each accident
\$500,000 disease - policy limit
\$500,000 disease - each employee
- d) Pollution Liability: \$1,000,000, with maximum deductible or self-insured retention in an amount not exceeding \$100,000. Any deductible or self-insurance retention should be indicated on the Proposer's certificate of insurance.

Policy terms must be acceptable to the Aviation Authority and must comply with the Aviation Authority's requirements for insurance.

5. **Bonding Capacity** – Provide an acknowledgement by the Proposer's Surety of the Proposer's ability to provide 100% Performance and Payment Bonds for a minimum of **Twenty Million Dollars (\$20,000,000.00)** for a single project together with evidence for maximum single project bonding capacity and Proposer's aggregate bonding capacity. The Surety must be rated no less than "A-" as to management and no less than "VII" as to strength, by the latest edition of Best's Insurance Guide, published by A.M. Best Company, Post Office Box 1107, Summit, New Jersey 07901. Information shall be provided by the Surety on behalf of the Proposer.
6. **Claims, Disputes, Accidents, Incidents, and Litigation Disclosure** – Proposers shall disclose the following information:
- a) All lawsuits, arbitrations, and claims filed or raised by or against the Proposer within the last five (5) years. For each lawsuit, arbitration, and claim, specifically disclose whether there was a finding or determination that the Proposer breached the contract or whether liquidated damages were assessed.

- b) All instances in the last five (5) years involving accidents, equipment failure, or performance concerns of a PBB or an operations and maintenance contract, which caused personal injury, death, or property damage.
- c) All instances within the past five (5) years where the Proposer or its team members have failed to comply with or been the subject of an investigation of an alleged violation of state or federal laws related to permitting, environmental, or equal employment regulations, safety issues or contract crime (involving fraud, bribery, collusion, conspiracy, or material misrepresentation).
- d) All contracts held by Proposer, which have been suspended or terminated for cause within the past five (5) years. For each such contract, identify the party that initiated the suspension or termination, the stated grounds for termination and provide an explanation of the circumstances leading to termination.

For each of the above disclosures, specifically identify:

- (1) The project involved;
- (2) The parties involved;
- (3) The nature of the claim(s), dispute(s), accident(s), incident(s), or litigation;
- (4) The case style, number and jurisdiction (if applicable);
- (5) The amount at issue (if applicable); and
- (6) The disposition or status.

For the purpose of this Section 8 disclosure, "Proposer" shall be defined to include any joint venture partner, predecessor, successor or affiliated entity.

The Aviation Authority reserves the right to reject any Proposal that includes a lengthy history of claims, terminations, violations, accidents, injuries, or damages, if the Aviation Authority, in its sole discretion, determines that a Proposer's history indicates that it may not be sufficiently responsible for this complex public Project. Safety and customer services are paramount concerns at Orlando International Airport.

The Aviation Authority intends to perform vigorous due diligence on all Proposers, including its own independent investigations and reference checks.

If any Proposal contains insufficient information required by this section, the Aviation Authority may, in its sole discretion, send a written notice to the Proposer describing the irregularity and the date and time by which it must be corrected. The Aviation Authority's Professional Services Committee may conditionally shortlist a Proposer, if, in the Committee's sole discretion, it is anticipated that the Proposer will be able to correct the irregularities and submit the information within the timeframe set by the Aviation Authority.

- 7. **Financial Statements** – Proposer shall submit its most recent audited annual financial statements for the last two (2) years in order to evaluate the Proposer's ability to perform these services. If audited annual financial statements are not available, provide balance sheets, income statements, and cash flow statements for the last two (2) years. **This financial documentation shall be submitted in a sealed envelope. Do not include**

in the printed SOQ (original or copies) or in the PDF. The sealed envelope should be clearly labeled as follows: "**Confidential Financial Records Submitted under Seal and Exempt from Florida Public Records Disclosure.**" Include the SOQ title and Proposer's name on the sealed envelope. (Reference Section 119.071(1)(c), *Florida Statutes*, for exemption on financial records.)

8. In a separate sealed envelope (to be submitted at the same time as the Technical Proposal) include a fully completed Pricing Proposal Form
9. **Additional Information** - Any additional information, which may be requested by the Aviation Authority at the Pre-Submittal Conference or in any Addendum must also be added in this section.
10. **Addenda: Changes And Questions Prior To The SOQ Submission Deadline** – The Aviation Authority may make changes to the RFQ during the Proposal period. Any changes will be posted to the Aviation Authority's website at:

<http://www.orlandoairports.net/airport-business/#business-opportunities>.

If a prospective Proposer has any questions, the prospective Proposer shall immediately notify the Aviation Authority by submitting a request for an interpretation or correction to the contact name and email address as listed on page 1 of the submission requirements.

EVALUATION AND AWARD CRITERIA

The Aviation Authority, through this Best Value Procurement, seeks to partner with the Proposer that can most advantageously provide PBB products and affiliated equipment to the Aviation Authority. This procurement will allow the Aviation Authority, through its Professional Services Committee ("PSC"), to recommend a final award to the Proposer whose Proposal is most advantageous to the Aviation Authority based on the submission of a Technical Proposal (also referenced as the "Statement of Qualifications" or "SOQ"), a Price Proposal, and any additional information deemed necessary or advantageous by the PSC.

Each Proposal will be evaluated and ranked in the following categories, as further described below:

- (1) **Qualifications and Project Approach**
- (2) **Technical Product and Production Schedule**
- (3) **Price**

All categories are weighted equally.

The PSC, at its sole discretion, reserves the right to interview some or all of the Proposers. The PSC also reserves the right to solicit from available sources relevant information concerning a Proposer's past performance, and to task its project team to conduct a manufacturer plant tour to better understand the Proposers' facilities during the procurement process. The PSC may consider all such information in its evaluation of the Proposers.

Copies of the PBB Specifications and Operational Requirements and STC Construction Schedule will be posted as Exhibits on the Aviation Authority's website.

A. Qualifications and Project Approach

The PSC will evaluate the Proposals and consider the following factors in ranking the Proposers in this category:

- Experience of the Proposer's company in this passenger boarding bridge industry
- Financial strength and stability of corporate entity
- Ability to provide required insurance
- Strength and experience of the proposed team in manufacturing and delivery of the required PBBs and affiliated equipment
- Past performance with the Aviation Authority (if applicable) and other entities
- Prior accidents or incidents involving PBBs and/or the affiliated equipment
- Litigation and Claims history
- References for support services – i.e., how issues arising from defective products were addressed

The evaluation of past performance may include such factors as: whether the past projects were completed on time, within budget, and without an unreasonable number or amount of claims; whether the firm timely paid its subcontractors and suppliers; whether the firm has breached any contract with the Aviation Authority or any other public entity; whether there have been notable product failures or accidents and how those were addressed; noteworthy production delays or QA/QC issues at production facilities; and, if applicable, the Aviation Authority's overall satisfaction with the firm's past and current compliance with the contract requirements.

B. Technical Product and Production Schedule

The PSC will evaluate the Proposals and consider the following factors in ranking the Proposers in this category:

(1) Technical Product:

- PBB product quality, specifications, performance and operational parameters
- Compatibility of the PBBs to the design specifications provided by the Aviation Authority
- Accessories required
- Manufacturing methodology and quality assurance of the PBBs and corresponding parts, accessories, and affiliated equipment, including warranty terms and provisions

(2) Proposed Production Schedule:

- The ability and likelihood of the proposed Production Schedule to support the Aviation Authority's South Terminal C Construction Schedule. The proposed schedule should account for factors such as the time required for

transportation/freight, delivery inspection and acceptance, and minimal onsite storage.

- Production location(s) of PBBs, Accessories, Parts, and Affiliated Equipment and its(their) proximity to Orlando International Airport

(3) Maintenance Tasks and Replacement Parts Schedule and Price List:

The PSC will consider both the Maintenance Schedule and the replacement parts price in determining the overall best value for the Aviation Authority.

C. Price Proposal

The Proposers' Price Proposal shall be prepared and submitted in a separate sealed envelope. The sealed Price Proposals shall be opened at a public meeting after the PSC has ranked the Proposers based on the two categories described above. The PSC will rank the lowest responsive Price as first (and second, ranked second, and so on).

The PSC reserves the right to correct, in all Proposals, obvious mathematical or transposition errors within the proposal prices, as long as the intent of the Proposer is reasonably clear from the Proposal documents.

The Price Proposal Form requires a Total Lump-Sum Cost for the PBBs and affiliated equipment, and requires a per-unit cost of each PBB and each item of "Affiliated Equipment" which includes but is not limited to pre-conditioned air, ground power units, water cabinets, conveyor belts for checked cabin baggage and ADA devices, and Bridge Anti-Collision Systems on all but single bridge, narrow body, gates. **Provide pricing for steel bridges only. Do not include pricing for glass bridges.**

D. Best Value Evaluation

The PSC will evaluate the Proposer and Proposals comparatively to the other Proposers and Proposals. The Proposal that best satisfies a criterion will be ranked first (and second, ranked second, and so on).

The PSC, at its sole discretion, reserves the right to interview some or all of the Proposers and reserves the right to solicit from available sources relevant information concerning a Proposer's past performance. The PSC may consider all such information in its evaluation of the Proposers.

The PSC also reserves the right not to rank a Proposal if it is deemed non-responsive.

Following the evaluation of the Proposals, the PSC ranking in each category will be documented at the public PSC meeting. The Proposer that has the lowest Combined Rank will be recommended to the Aviation Authority Board for award. The Proposer who ranks lowest in the price category will **NOT** necessarily be recommended for award. In the event of a tie situation, the PSC will recommend the Aviation Authority Board award to the Proposer with the lowest combined ranking on the criteria based on the Qualifications/Approach and Product/Schedule categories.

For example, the PSC's evaluation chart may appear as:

	Proposer 1	Proposer 2	Proposer 3
Qualifications/Approach	1	2	3
Product/Schedule	2	1	3
Price	2	3	1
Combined Rank	5	6	7

In this hypothetical situation, Proposer 1 will be recommended to the Aviation Authority Board as the lowest total combined ranking.

In the event none of the price proposals are within the budget of \$25,500,000, the PSC may, in its sole discretion, recommend the Aviation Authority Board authorize staff to negotiate with the entity with the lowest combined ranking on the criteria based on the Qualifications/Approach and Product/Schedule categories. If the apparent successful proposal exceeds the budget, the PSC may, in its sole discretion, reject all proposals, cancel the procurement, direct staff to seek additional funding or otherwise proceed in the best interests of the Aviation Authority.

All decisions regarding award of the Contract will be made by the Aviation Authority at open public meetings in accordance with the requirements of Florida Statutes, Section 286.011, and all interested parties are invited to attend such meetings.

The award(s), if any, are subject to the availability of funding, approval by the Aviation Authority's Board and review by the Aviation Authority's legal counsel.

ADDITIONAL INFORMATION

Proposer's personnel will be required to meet the Greater Orlando Aviation Authority's requirements for security background checks. All personnel requiring unescorted access to a secure or sterile area of the airport must undergo a Criminal History Records Check (CHRC) and are subject to the requirements of Title 49 of the Code for Federal Regulations Part 1542 or 1544 and the Airport Security Improvement Act of 2000. Terminal C will be 100% Common Use, and all Proposer's personnel shall meet the requirements for the U.S. Customs Background Check such that a holographic U.S. Customs Badge can be issued.

Proposers are hereby advised that individuals, who conduct lobbying activities with Aviation Authority employees or Board members, must register with the Aviation Authority each year prior to conducting any lobbying activities. A statement of expenditures incurred in connection with those lobbying instances should also be filed prior to April 1st of each year for the preceding year. As of January 16, 2013, lobbying any Aviation Authority Staff, who are members of any committee responsible for ranking Proposals, Letters of Interest, Statements of Qualifications or Bids and thereafter forwarding those recommendations to the Board and/or Board Members, is prohibited from the time that a Request for Proposals, Request for Letters of Interests, Request for Qualifications or Request for Bids is released to the time that the Aviation Authority Board makes an award. As adopted by the Aviation Authority Board on September 19, 2012, lobbyists are now required to sign-in at the Aviation Authority offices prior

to any meetings with Staff or Board members. In the event a lobbyist meets with or otherwise communicates with Staff or an Aviation Authority Board member at a location other than the Aviation Authority offices, the lobbyist shall file a Notice of Lobbying (Form 4) detailing each instance of lobbying to the Director of Board Services within seven (7) calendar days of such lobbying. The policy, forms, and instructions are available in the Aviation Authority's offices and the website.

Pursuant to Section 287.133(2)(a), Florida Statutes, interested Proposers who have been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal on a contract to provide services for a public entity, may not be awarded a consultant contract and may not transact business with a public entity for services in excess of the threshold amount set forth in Section 287.017, Florida Statutes, for Category Two, for a period of 36 months from the date of being placed on the convicted vendor list.

SCRUTINIZED COMPANY CERTIFICATIONS: By submitting a Letter of Interest, Statement of Qualifications or Bid, the Proposer certifies that: (a) (applicable to all agreements, regardless of value), it is not on the Scrutinized Companies that Boycott Israel List and is not engaged in a boycott of Israel, as defined in Florida Statutes § 287.135, as amended; and, (b) (applicable to agreements that may be \$1,000,000 or more), it is: (i) not on the Scrutinized Companies with Activities in Sudan List, or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as defined in Florida Statutes § 287.135; and, (ii) not engaged in business operations in Cuba or Syria, as defined in Florida Statutes § 287.135, as amended.

Aviation Authority Contracts require Contractors/Consultants to comply with the requirements of E-Verify. Contractor/consultants will be required to utilize the U.S. Department of Homeland Security's Employment Eligibility Verification System (E-verify), in accordance with the terms governing the use of the system, to confirm the employment eligibility of persons employed by the Contractor/Consultant, during the term of the Contract, to perform employment duties within Florida. Prime Contractors/Consultants are required to include an express provision in their Subconsultant/Subcontractor Agreements requiring the Subconsultants/Subcontractor to do the same.

It is the responsibility of the firm with any potential conflict of interest to request a determination on eligibility prior to the submittal of the Statement of Qualifications. Approval must be obtained in writing from the Aviation Authority prior to a firm's submittal of the Statement of Qualifications. An undisclosed, later discovered conflict of interest may cause the Statement of Qualifications to be considered non-responsive.

GREATER ORLANDO AVIATION AUTHORITY

By: Domingo Sanchez
Greater Orlando Aviation Authority Chairman

SECTION 23 90 00 – PRE-CONDITIONED AIR UNITS AND SPECIALTIES

PART 1 - GENERAL

1.1 GENERAL DESCRIPTION

- A. This section of the specifications covers the following components:
1. Preconditioned Air Handling Units (PCA AHU).
 2. Passenger Boarding Bridge Air Handling Units (PBB AHU)
 3. Utility_Transport Units

1.2 REFERENCES

- A. Applicable Standards:
1. Anti-Friction Bearing Manufacturers Association (AFBMA).
 2. Air-Conditioning and Refrigeration Institute (ARI).
 3. American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).
 4. National Fire Protection Associated (NAPA).
 5. National Electrical Manufacturer's Association (NEMA).
 6. Occupational Safety and Health Act (OSHA).
 7. Underwriters Laboratories (UL).
 8. Florida Building Code (FBC).

1.3 SUBMITTALS

- A. General:
1. The Contractor shall submit product data for selected AHU models and the utility transport units, including specialties, and accessories.
 2. Shop drawings from manufacturer detailing equipment assemblies and indicating dimensions, weights, required clearances, components, and location and size of field connections.
 3. Wiring diagrams that detail power, signal, and control wiring. Differentiate between manufacturer-installed wiring and field installed wiring. Troubleshooting guide.
 4. Maintenance data for complete air-handling units with controllers for inclusion in Operating and Maintenance Manual.

1.4 QUALITY ASSURANCE

- A. It is the intent of this contract that the aircraft and the PBB air-handler units, be supplied and installed by a single source contractor. The contractor shall have a minimum of 5 years of experience in all areas of preconditioned air equipment design, manufacturing, supply and installation, aircraft cooling system design and analysis by in-house engineering and programming, development and installation of complete integrated monitoring and control systems. The contractor shall have a minimum of three (3) prior installations at other airports of size, climate and complexity similar to the proposed Greater Orlando International Airport project. This experience shall

23 90 00 - 1

HNTB Corporation

August 28, 2019
Revision #23

EXHIBIT "D"

include systems where the contractor has had turn-key responsibility direct to the Owner for system analysis, design, and supply of all major equipment, installation, programming, testing, system start-up and training.

- B. The Contractor shall submit with the bid documents a record of experience for successfully completed and operating systems that provide sub-freezing air to aircraft utilizing central ethylene glycol systems. The experience list shall include a summary of that contractor's experience, including system location, Owner, major subcontractors and equipment suppliers used, on-line date and contact name and telephone number. The summary shall also name the individual engineers and programmers on the contractor's staff to be involved in the project, their assignments and responsibilities for the three prior projects and their employment dates with the contractor.
- C. The Contractor shall be responsible to directly supervise the installation of all bridge mounted equipment and controls. Such supervisor shall be in the direct employ of the contractor. This supervision effort shall not be subcontracted to a third party.
- D. The Contractor shall coordinate all work with the Owner's Authorized Representatives as required during the installation to ensure that the resulting installed system functions as specified in all respects. This coordination shall cover installation of equipment as well as interfaces with piping, power and controls.
- E. Temperature control systems shall be warranted to be new and free of defects in material and workmanship under normal service and use for a period of 12 months from the date of acceptance. If, within this period, any equipment proves defective, it shall be repaired or replaced at no additional cost to GOAA.
- F. Equipment and material shall be catalogued products of manufacturers regularly engaged in the production of temperature control systems. Products shall be manufacturer's latest standard design and must have been tested and proven in actual use for low temperature systems.
- G. It is the intention that certain items of major equipment, air-handler units, process instrumentation and control valves be standardized throughout all parts of the system. The Contractor shall include in the equipment and material submittals evidence of such coordination between major equipment suppliers.
- H. ARI Compliance: Air filter equipment shall comply with ARI 850.
- I. ASHRAE Compliance: Air filters shall comply with ASHRAE Standard 52 for method of testing, and for recording and calculating air flow rates.
- J. NFPA Compliance: Comply with applicable portions of NFPA 70, for components and installation of air-handling units.
- K. NEMA Compliance: Motors, enclosures and electrical accessories shall comply with NEMA Standards.

- L. UL Compliance: Air-handler units shall be UL-listed and labeled.
- M. Comply with the current Florida Building Code.
- N. Inasmuch as possible, all work related to attaching support brackets, members, etc. to passenger loading bridges shall be done at the loading bridge factory. All of this work, which must be field retrofitted, has to be strictly coordinated with and performed under the direct supervision of the bridge manufacturer, who shall provide field supervision for this work.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Lift and support unit with the manufacturer suggested lifting supporting point. Replace any existing supports that are damaged or rusted.
- B. Provide unit which do not require any disassembly and reassembly for movement into the final location following manufacturer's written instruction.
- C. Deliver unit as a factory-assembled unit to the extent allowable by shipping limitation, with protective crating and covering.
- D. Store all equipment and material in suitable weather tight bonded warehouse facilities as applicable

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. All Manufacturers are subject to compliance with the requirements of these specifications. Manufacturer shall be one of the following:
 - 1. Aircraft Pre-conditioned Air-handling Units:
 - a. Cavotec INET US, Inc.
 - b. JBT
 - c. Twist Aero
 - d. Or equal
 - 2. Air Filters:
 - a. American Air Filter Company
 - b. Eco Air
 - c. Farr Company
 - d. Or equal
 - 3. PBB air-handling units:
 - a. Engineered Air
 - b. Temptrol
 - c. Or equal

2.2 GENERAL DESCRIPTION

- A. Provide compact, lightweight, and low-noise insulated glycol air-handling units that

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can be mounted as shown at the passenger loading bridge such that the operational characteristics of the bridge are unrestricted and the bridge's structural integrity is uncompromised. It is the Owner's intent to have the air-handling units hung underneath the bridge.

- B. The new air-handling units shall have a minimum of two distinct assemblies:
 - 1. A control assembly which contains the low voltage (Class II) logic and control circuits and,
 - 2. A blower/coil unit containing a blower, variable frequency drive (for PCA AHU), cooling coil, filters, complete motor starting equipment, outlet plenum and condensate drain pan to provide the required cooled air to maintain the aircraft cabin and PBB temperature specified.
- C. The PCA air-handling units shall have the capacity required to sufficiently cool the largest designed aircraft, parked at each gate, as designated on the drawings. Units serving jumbo/wide-body gates shall also operate properly when serving a narrow-body aircraft at the same gate. All air-handling units shall be capable of a 45-minute "pull down" for their respective heat "soaked" aircraft from a temperature of 100 deg F to 80 deg F.
- D. The PCA and PBB unit blowers shall be centrifugal type and sized for the appropriate volume airflow requirements. The unit size shall be selected so that the fan brake horsepower does not exceed the maximum required over the design operating range of the unit at the total static pressure.
- E. The PCA and PBB unit external static pressure shall be defined as the gauge pressure measured at the outlet of the air-handling unit. The Contractor shall present the gauge pressure the PCA air-handling unit can produce at the outlet of the air-handling unit and at the aircraft connection through 100 feet of hose and with an aircraft adapter nozzle in his submittal.
- F. The PCA and PBB unit horsepower shall be selected based on the equipment which affects the external resistance of the system. Contractor shall furnish the fan motor and unit size adequate for final total static pressure and maximum brake horsepower requirements.
- G. The Contractor shall review and field verify existing conditions at each of the gates.
- H. The construction of the PCA and PBB units shall be of a material sufficient to provide adequate structural rigidity for frame and enclosure; of a non-corrosive nature; and provided with thermal insulation for conditions encountered in normal usage. Equipment exterior shall be primed and painted to match bridge color. Equipment interior shall be manufacturer's standard.
- I. The maximum sound level for the PCA and PBB air-handling units at maximum cooling shall not exceed 91 dBA at a distance of 15 feet from the unit. Sound power level radiated by the unit outlet and at the unit inlet when the unit is operated at the designated capacity shall be furnished with the submittal.

- J. The PCA and PBB air-handling units are required to provide discharge air temperatures sufficient to properly maintain the temperature and humidity levels for equipment as stated in the corresponding aircraft fleet mix schedule.
- K. Capacity control and defrost control shall be identified and explained in submittals.
- L. Return air to the units shall not be utilized.
- M. The PCA and PBB air-handling units' enclosure shall provide access doors of the hinged and insulated type. Located as required for proper access to the following:
 - 1. Blower and VFD (PCA unit only)
 - 2. Filters
 - 3. Coils
- N. Each PCA air-handling unit shall have a condensate pump and drain pan. The condensate pump shall be lightweight, self-priming, and capable of running dry. Minimum pump rating shall be 1/5 hp or as required by the specific bridge configuration. Position the drain pan under the coil section. Drain pan shall be stainless steel. Condensate pump shall be provided with a summer/winter switch or internal float switch actuated assembly.
- O. Each PBB air-handling unit shall have a condensate pump and drain pan. The condensate pump shall be lightweight, self-priming, and capable of running dry. Minimum pump rating shall be 1/50 hp or as required by the specific bridge configuration. Position the drain pan under the coil section. Drain pan shall be stainless steel. Condensate pump shall be provided with a summer/winter switch or internal float switch actuated assembly.
- P. All air-handling units shall be prepared with all necessary rails and mounting assemblies to be hung from the underside of the bridges.
- Q. All air handling units shall be provided with photoelectric smoke detectors located in such a manner to sense the presence of smoke in the discharge air plenum. All smoke sensing lines from the plenum to the detector shall be furnished in such a manner as to prevent condensation at the smoke detector from cold discharge air.
- R. Provide new modulating valves, actuators, control and power wiring for each PCA and PBB unit.

2.3 PCA AND PBB AHU CONTROL ASSEMBLY

The controller assembly for the new air-handler unit shall be designed for mounting directly onto the blower/coil unit or for mounting remote from the blower/coil unit. For the PBB unit, the controller shall be located at the entrance to the bridge.

- A. The air-handler controller shall contain the following door mounted controls and displays:
 - 1. ON and OFF push buttons, lighted. The ON push button shall be operable in

- the AHU manual mode only.
 2. Summary FAULT indicator (overload).
 3. "Change Filter" light.
- B. The PBB AHU shall also include an illuminated remote push button start with green light to indicate "on", timer off and manual override off, mounted inside the entrance to PBB at rotunda end. Push button shall be of robust construction (not plastic) and include a stainless steel cover plate.
- C. The controller shall contain the following operator controls located within the controller cabinet.
1. Auto/Manual Mode Switch.
 2. Manual override controls (dials or keypad) to manually vary the outlet air temperature and air flow.
 3. PCA units only shall have manual secondary hose damper switch to open or close the second hose damper (Nominal 90 ton air-handler units only).
 4. Connections for remote on/off push-button, aircraft type selector switch, cabin temperature sensor and remote monitoring system for PCA units and connections for remote on/off push-button, bridge temperature and remote monitoring system for PBB AHU.
 5. Connection for shutdown and display of smoke alarm indication.
- D. The air handling unit controller shall be direct digital control (DDC) using microprocessor technology for all control, regulation, modulation, alarm shut-down, and response to/from remote signals.
- E. The controller shall automatically control the AHU outlet air temperature in response to the temperature as sensed by the companion cabin temperature sensor or bridge thermostat, as applicable.
- F. The PCA AHU controller shall automatically sense a failure of the cabin temperature sensor and automatically begin outlet air temperature control based upon sensed inlet ambient temperature. During this backup mode of automatic temperature control, the remote monitoring system shall be supplied with a signal indicating the failure of the cabin temperature sensor.
- G. The controller shall, in addition to the above functions, provide for local data display and program updates with laptop computer connected directly to the controller. In addition, the controller shall provide full networking capabilities and built-in control and monitoring communication means with remote devices including, as a minimum, the following points:
1. Air-handler ON and OFF status and SUMMARY ALARM.
 2. Designation of each alarm condition, by type.
 3. Air outlet and ambient temperatures.
 4. Position of gate GW modulating valve.
 5. Motor speed as % of full rated speed if VFD.
 6. Totalized AHU running time.
 7. Running time since last air filter change-out.

8. Readout of, and control of, cabin temperature set point or bridge temperature set point, as applicable.
 9. Readout of actual cabin temperature as measured by cabin temperature probe used by the controller logic.
 10. Signal to prohibit starting the AHU (enable/disable).
 11. Readout of and control of mode changeover points and slope versus ambient temperature (backup temperature control in event of cabin temperature sensor failure).
 12. Control of auto filter alarm timer set point.
 13. Second hose status (open/closed) -Nominal 90 ton gates only.
 14. Nighttime cabin temperature set-up mode control including on/off control, set-up temperature set point, mode automatic start and stop times and remote override capabilities to adjust start and stop times.
 15. Coil freeze up.
 16. Return GW temperature.
 17. Controls to be BACnet compatible and connected to nearest building automation system panel.
- H. The AHU controller shall contain an internal read-time clock with battery of minimum 30-day life. The battery shall be capable of being changed without losing any internal history, such as total running time or time since last filter change.
- I. The controller shall be capable of stand-alone automatic operation in the event of failure of the data/control network.
- J. The controller assembly shall be housed in NEMA 3R gasketed enclosed and be suitable for direct mounting on the blower/coil unit or remote mounted.

2.4 CABIN AND PBB TEMPERATURE CONTROL

- A. Each gate shall be equipped with controls to automatically maintain the set PCA cabin temperature within ± 2 deg F at the sensing point. This shall be by use of a small temperature probe connected to the system by way of a small cable and jack in the bridge cab.
- B. The PCA Cabin Temperature Sensor assembly shall consist of a cord mounted sensor element mounted in a Delrin Plastic housing and a mating wall receptacle design for mounting in the cab of a passenger boarding bridge.
1. The sensor element shall be rated for ambient temperatures listed on ASHRAE Climatic Region Tables most stringent column, be an RTD or solid state element type and be fully compatible with the specified AHU controller.
 2. The sensor shall be housed in the Delrin plastic housing and provide full sealing of the sensor against all weather conditions. The upper end of the housing shall provide openings sufficient to provide necessary air flow across the sensor element while protecting the element from damage when in use or being stored. The sensor shall be connected to a neoprene retractable cable. The cable length shall be approximately four feet retracted and twenty feet extended and

be retrained to the sensor housing by a screw-on type waterproof strain relief with O-ring seat.

3. The receptacle mating end of the cable shall be terminated with 90 deg angle, waterproof type plug with a screw cap for securing to the wall receptacle. The mating receptacle shall be mounted on a stainless steel cover plate. A bracket shall be provided in the bridge cab next to the cover plate for easy storage of the sensor assembly when not in use.
- C. Each PBB shall be equipped with a low profile recessed temperature sensor and housing, equal to Veris Industries TS series, mounted on the same side as the ductwork in the PBB.

2.5 PCA AND PBB AHU BLOWER/COIL UNIT COMPONENTS

- A. Casing: Manufacturer's standard casing construction, having corrosion protection coating, and exterior finish. Where the air-handler unit is provided as a utilized enclosure construction, casing shall have removable panels or access doors for inspection and access to internal parts; provide manufacturer's standard thermal insulation, knockouts for electrical and exterior condensate drain connection, and lifting provisions.
- B. Blower:
1. General: Provide blower that is factory fabricated and assembled, factory tested and factory finished, with required capacities and characteristics.
 2. Blower and Shafts: Statically and dynamically balanced and designed for continuous operation at the maximum rated fan speed and motor horsepower. Blower Shaft: Turned, ground and polished steel designed to operate at no more than 70% of the first critical speed at the top of the speed range of the fan's class.
 3. Shaft Bearings: Provide bearings having a median life "Rating Life" (AFBMA L50) of 200,000 calculated in accordance with AFBMA 9 for ball bearings or AFBMA 11 for roller bearings.
 4. Factory Finish:
 - a. Exterior Sheet Metal Parts: Prime coating prior to final assembly. Final color to match bridge color, color chip to be provided to the manufacturer by the Owner.
 - b. Interior Surface: Manufacturer's standard finish is acceptable.
 5. Blower: Forward-curved, centrifugal, direct drive fans; and permanently lubricated motor bearings where bearings are not more accessible for greasing.
- C. Coils:
1. Aluminum plate fins and seamless copper tube type, minimum 5/8 inch O.D for PCA units and 1/2 inch O.D for PBB units. Fins shall have collar drawn, belled and firmly bonded to the tubes by means of mechanical or hydraulic-expansion of the tubes.
 2. No soldering or tinning shall be used in the bonding process. Coils shall have

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- a galvanized steel casing. Coils shall be mounted on the coil casing with same end connections accessible for service. Coils shall be removable from the unit. Coil section shall be completely insulated.
3. The number of tubes and fin spacing shall be submitted on coil selections made. Coils shall be constructed and tested in general accordance with ASHRE 15 and ARI 410.
 4. Coils shall be proof tested at 400 psig and leak tested at 250 psig tested with air pressure under water.
- D. Airflow Control: Airflow control shall be by variable frequency drive control for the PCA air handling units.
- E. Inlet Air Filters: Provide medium efficiency pleated disposable air filters suitable for installation in holding frames; two-inch thick minimum for nominal 45 ton PCA units and PBB units, four-inch thick minimum for nominal 90 ton PCA units; constructed of non-woven cotton fabric type. The enclosing frame shall be constructed of rigid, heavy duty, high wet-strength beverage board to the filter pack materials. The filter media internal support shall have welded wire grid. Holding frames shall be fabricated metal construction complete. For WB and NB units, provide filter with rated face velocity of 500 fpm, initial resistance of not greater than 0.30 inches water gauge, final rated resistance of 0.50 inches water gauge and average arrestance of 80%. For jumbo units, provide filters with rated face velocity of 600 fpm. The holding frame and filters shall be sized such that the rate face velocity of the filters shall be sized such that the rated face velocity of the filters is not exceeded at specified AHU mass flow and design inlet ambient temperature conditions.

2.6 BRIDGE DELIVERY EQUIPMENT

- A. Each bridge with the AHU at the cab end shall be provided with a utility transport unit. Each unit shall carry services like Ethylene glycol/water (GW) pipes, 400 Hz cables, potable water and condensate drain hoses, power to air-handler, data/communication control, etc., to bridge end in a single, low profile package. Refer to Section 2.7, Bridge Utility Transport Unit for further specifications.
- B. Moving parts within enclosed utility transport units shall be minimized. Cables and pulleys are not allowed in the operation of the enclosed unit. The units shall be designed to allow easy access for maintenance and inspection.
- C. All gates with WB or NB air-handler units shall be provided with a single primary air delivery hose. All gates with jumbo air-handler units shall be provided with a primary and secondary hose. Each hose end shall be provided with an aircraft PCA connection nozzle, Milo mini-adaptor, or equal, approved for use by the Owner's Authorized Representative.
- D. Air flexible hose shall be of the lightweight insulated type, maximum thermal conductance of 1.28 BTU/Hr /Ft /deg F, pressure rated for 50 inches of water maximum. Hose shall be flat when not in use, manufacturer by Flex-fab, Air Tech, Inc., J&B Aviation or similar approved quality, 14-inch diameter flat type. Hose is to be supplied in sections of no more than 25 feet in length, connected by a closed nylon

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zipper device, or Velcro connectors with a 14-inch to 8-inch diameter reducing adapter on the end section.

- E. Ethylene glycol/water, potable water and condensate drain flexible hoses, for utility transport unit application and connections to rigid piping, shall be of reinforced tube with minimum design operating pressure of 150 psi. Hoses shall be of high-tensile polyester cord spiral with a layer of natural rubber resistant to abrasion, weathering, sun-checking, and water-absorption. Hoses shall maintain a bending radius of 4 inches for 1-1/2 to 2 inch hose and 5 inches for 2-1/2-inch hose. Potable water hoses shall be rated for potable water service, be NSF/ANSI Standard 61 compliant, and stamped in contrasting ink every 50'.
- F. Flexible hoses shall be used from the rigid pipe termination at each gate to connect to the equipment and the utility transport unit. The length of the flexible connections shall provide for full bridge movement and be provided with additional mid-span supports as necessary to ensure that hoses do not interfere with other equipment at the bridge support column.

2.7 BRIDGE UTILITY TRANSPORT UNIT

- A. The utility transport unit shall meet the mechanical and electrical requirements for an across the bridge utility delivery designed for side mounting on a two- or three-tunnel telescoping ramp drive passenger loading bridge.
- B. The general design and construction of the utility transport unit shall be in conformance with sound engineering practices and all equipment and material shall be new.
- C. Enclosed units shall not have cables and pulleys used in the operation of the device. Non-enclosed units, such as pantographs, may have cables and pulleys. The unit shall be mounted on the non-aircraft side of the Passenger boarding bridge.
- D. The complete utility transport unit shall be fully operational under the logical combinations of the following conditions:
 - 1. Blowing winds up to 60 MPH in the operation mode and 186 MPH in the non-operational mode.
 - 2. Ambient temperature range: 32 degF to 120 degF.
 - 3. All components and connections shall be designed according to FBC (latest and ASCE - 7 latest).
- E. The unit shall be capable of containing, protecting and transporting across the telescoping tunnels of the bridge factory-installed GW and potable water hoses, AHU power cable HZ power cable AHU condensate drain hose, network cable and control cable.
- F. An enclosed assembly shall consist of two (for 3-tunnel bridges) identical sliding tubes within a main box, designed to mount at three (3) tunnel passenger loading bridge. Both enclosed and non-enclosed units shall extend and retract in

synchronism with the movements of the passenger loading bridge.

- G. When installed on the bridge, the unit shall permit the bridge to fully extend and retract (within normal operating limits) without limiting or restricting bridge movement or imposing excessive loads on the bridge structure.
- H. Enclosed Units:
 - 1. The main box and sliding tube shall be constructed of aluminum.
 - 2. The main box shall have a three-piece top cover. The top shall be made of aluminum sheet. The top shall be removable for ease of access to interior components.
 - 3. Each sliding tube shall have sealed ball bearings mounted under the inboard side of the tube to allow for smooth movement.
- I. Non-Enclosed Units:
 - 1. The main tubing shall be constructed of aluminum.
 - 2. The knuckles or joints shall be aluminum
- J. The brackets that support the unit shall be designed to be welded or bolted to the structural members of each tunnel.
- K. The unit shall be supplied complete with mounting brackets, support assemblies and hardware to secure to the passenger loading bridge, either in the field or at the bridge factory. Each bolted joint shall be provided with washers and lock nuts.
- L. The exterior surfaces of the unit shall be painted to the color as specified by the Owner.
- M. PCA AHU Power Cable
 - 1. The air-handler power cable shall be compatible with the size and configuration of the AHU, design ambient temperature conditions and local codes. Cable to be Type W Round with EP insulation, neoprene jacket rated 600/2000 volt, UL listed and 4 conductor #1/0 AWG max.
 - 2. The cable shall be continuous from a junction box at the building to a junction box at the aircraft end of the passenger loading bridge.
- N. 400 Hertz Power Cable
 - 1. The 400-Hertz power cable shall be compatible with the size and configuration of the 400-Hertz central system power, design ambient temperature conditions and local codes. Cable to be Type W round with EP insulation, neoprene jacket and rated 600/2000 volt, 4 conductor #2 /0 AWG max.

2. The cable shall be continuous from a junction box at the building to the Aircraft Service Cabinet at the aircraft end of the passenger loading bridge.

O. Network Cable

1. A cable shall be provided for system monitoring of the Pre-Conditioned Air System and PPB AHU units. The cable shall consist of three (3) twisted shielded pair single jacket daisy chain installed in conduit (where existing cable tray is not available). Conduit size one (1") minimum (larger diameter where required). The cable shall be Belden 9773-18/3TSP. Provide Belden 9774 18/4 TSP or as listed on drawings from ITO (Information Technology Outlet.) to utility transport unit. All cables to be UL recognized.
2. A continuous Cat 6 cable shall be provided from the PBB connectivity Enclosure to the ITO.
3. A continuous 12 Strand Single mode fiber shall be provided from the PBB connectivity enclosure at the building to the PBB ONT enclosure located at the rotunda end for the PBB AHU and aircraft end of the passenger loading bridge for the PCA unit.

P. Control Cable

1. A single control cable shall be provided to provide for control of components located external to the AHU and control valves. The cable shall provide the required number and type of conductors to provide of those devices where specified.

Q. GW Supply and Return Hoses

1. The hoses shall be capable of transferring a maximum mixture of 30% ethylene glycol and 70% water by weight with an operating temperature of 10 deg F to 160 deg F and an ambient from 32 deg F to 160 deg F. The hose must be capable of minimum bending radius of 6 inches during all design operating conditions and working pressure of 150 psi. The hose shall not grow in length over 1 -1/2% (in length) when pressurized to 100 PSIG from 0 PSIG.
2. The GW hoses shall be insulated with 3" wall closed cell elastomeric insulation. However, the insulation thickness for the hoses may be reduced within the utility transport unit so that the hoses and/or insulation does not "kink" during the utility transport unit retraction. The insulation shall have a flame spread rating if less than 25 and a smoke density rating of less than 50. The insulation shall maintain flexibility under normal bridge operations.
3. The GW hoses shall be provided with barbed male brass couplings attached to both ends. The couplings shall be double banded and rated to 150 psi.
4. GW hoses shall be 2", 2-1/2", or 3" inches to match hard pipe connections.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions for compliance with requirements for installation tolerances and other conditions affecting performance of air-handling units.
- B. Do not proceed until unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

- A. Furnish all necessary support, brackets, guard posts, safety rails, etc. for proper installation of all air-handling units.
- B. The air-handling units shall be properly aligned, adjusted and lubricated and field-tested before final acceptance.
- C. Perform water and air system testing and balancing.

3.3 CONNECTIONS

- A. Connect new unit to existing Glycol Water Piping, and condensate drain piping.
- B. Connect new unit to existing electrical power wiring.
- C. Connect new unit to existing control system.
- D. Coordinate location of outside air louvers with bridge stairs prior to ordering and installing PCA units. On 3-tunnel bridges outside air intake shall be opposite to bridge stairs.

3.4 FIELD QUALITY CONTROL

- A. Manufacturer's Field Inspection: Arrange and pay for a factory authorized service representative to perform the following:
 - 1. Inspect the field assembly of components and installation of air-handling units including ductwork and electrical connections.
 - 2. Prepare a written report on findings and recommended corrective actions.

3.5 ADJUSTING, CLEANING, AND PROTECTING

- A. Comply with Division 01.
- B. Clean unit cabinet interiors to remove foreign material and construction dirt and dust. Vacuum-clean fan wheel and cabinet.
- C. Provide factory paint touch kits and remove any surface rust and re-finish as required to prevent corrosion and rust.

- D. Insulate unit cabinet to prevent condensation.
- E. Check and adjust condensate float switch. Check hose is not obstructed in anyway.

3.6 COMMISSIONING

- A. Comply with Division 01.
- B. Final checks before start-up shall include but not be limited to:
 - 1. Remove shipping, blocking and bracing.
 - 2. Verify unit is secure on mountings and supporting devices and that connections for piping, ductwork, and electrical wiring are complete. Verify proper thermal overload protection is installed in motors, starters and disconnects.
 - 3. Perform cleaning and adjusting.
 - 4. Lubricate bearings and other moving parts with factory-recommended lubricants.
 - 5. Fan is free to turn.
- B. Commissioning Procedures for PCA and PBB AHUs shall include but not be limited to:
 - 1. Energize motor: verify proper operation of motor, drive system, and blower wheel. Replace blower and motor as required to achieve design conditions.
 - 2. Measure and record motor electrical value for voltage and amperage.
 - 3. Check and demonstrate automatic operation of smoke detectors.
 - 4. Check and demonstrate variable frequency drive operation for wide body and narrow body aircrafts.
 - 5. Check and demonstrate operation of controls, including valves, dampers and sensors.

3.7 DEMONSTRATION AND TRAINING

- A. Contractor shall arrange and pay for a factory-authorized service representative to train owner's maintenance personnel a minimum of two 8 hour sessions in both AM and PM shifts.

END OF SECTION 23 90 00

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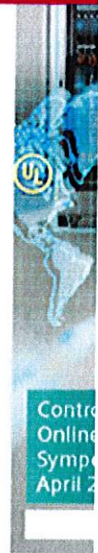
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Document Name	Company Name	UL CCN Description
IFAR.E498865	Shenzhen JBT Smart Lighting Co Ltd	LIGHT-EMITTING-DIODE LUMINAIRE RETROFIT KITS
IFAR7.E498865	Shenzhen JBT Smart Lighting Co Ltd	LIGHT-EMITTING-DIODE LUMINAIRE RETROFIT KITS CERTIFIED FOR CANADA
IPST.E124178	JBT CORPORATION	FOOD-PREPARING MACHINES, COMMERCIAL
IPST7.E124178	JBT CORPORATION	FOOD-PREPARING MACHINES, COMMERCIAL CERTIFIED FOR CANADA
NITW.E322577	JBT Corp	INDUSTRIAL CONTROL PANELS
NITW.E473839	EMD S A DE C V - JBT AEROTECH	INDUSTRIAL CONTROL PANELS
NITW7.E322577	JBT Corp	INDUSTRIAL CONTROL PANELS CERTIFIED FOR CANADA
NITW7.E473839	EMD S A DE C V - JBT AEROTECH	INDUSTRIAL CONTROL PANELS CERTIFIED FOR CANADA
OOLV.E342469	Shenzhen JBT Smart Lighting Co Ltd	LAMPS, SELF-BALLASTED, LIGHT-EMITTING-DIODE TYPE
OOLV2.E342469	Shenzhen JBT Smart Lighting Co Ltd	LAMPS, SELF-BALLASTED, LIGHT-EMITTING-DIODE TYPE - COMPONENT
OOLV7.E342469	Shenzhen JBT Smart Lighting Co Ltd	LAMPS, SELF-BALLASTED, LIGHT-EMITTING-DIODE TYPE CERTIFIED FOR CANADA
OOLV9.E342469	Shenzhen JBT Smart	LAMPS, SELF-BALLASTED, LIGHT





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Website: www.TwistAero.com

April 3, 2020

ATTENTION: Enver Sarilar ThyssenKrupp

Subject: Bid Protest Documentation

Project: Greater Orlando Airport Authority South Terminal C

Based upon reasonable information and belief, Twist Aero asserts that a bidder for this project, JBT Aerotech **DOES NOT** possess a UL Listing for its Air Handling Unit product, as required by Specification Item 1.4.L:

"Air Handler Units shall be UL-Listed and Labeled"

Twist Aero further assert that its Air Handling Unit does possess a current and valid UL Listing conferred by Underwriters Laboratories.

To confirm the above information, Twist Aero:

- Accessed the Underwriters Laboratories website listing of all current UL listings by product type. (Copy of our search results are attached).
- Talked directly with UL Officials to confirm the accuracy and current state of their database of UL Listings.
- Confirmed with UL Officials that actual UL Listing is substantially different and significantly more rigorous than simply obtaining ETL (or other NRTL) certification to the UL Specifications.

If you would require any additional information or perspective on this subject, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Timothy J Roberts".

Timothy J Roberts
Sales and Business Development Manager
Twist Aero

EXHIBIT "F"

Thank you,

Scott Schrinner
Engineering Manager
Twist Inc.
937-675-9581

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GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Raymond D. Anderson, Esq., Chairman, Concessions/Procurement Committee
DATE: April 17, 2019

ITEM DESCRIPTION

Recommendation of the Concessions/Procurement Committee to Award Purchasing Request for Quotation No. 92748-19, Preconditioned Air Units to Verde GSE, Inc.

BACKGROUND

Pre-Conditioned Air (PCA) units are mounted to the passenger boarding bridges and used by the airlines to keep the aircraft cool while the aircraft is parked at the gate. Request for Quotations (RFQ) No. 92748-19, Preconditioned Air Units, is proposed for the purchase of seven PCA units to replace seven existing PCA units that are nearing the end of their useful life (Purchase Agreement).

ISSUES

Based on the need to provide seven PCA units, on January 4, 2019, Staff issued an RFQ for the appropriate Purchase Agreement and on January 18, 2019, the Aviation Authority received the following submittals:

<u>Company</u>	<u>Quotation</u>
Verde GSE	\$448,819
Twist Aero	\$519,001
ITW GSE, Inc.	\$530,348
BGSE Group	\$589,470
John Bean Technologies	\$790,594
Cavotec	\$812,455
Smart Airport Systems	\$1,029,000

Staff reviewed the submittals received for responsiveness and responsibility and determined the following:

- The submittal received from Twist Aero included in part a 12 month warranty instead of a 24 month warranty, required by the RFQ;
- The submittal received from John Bean Technologies did not include the model or any specifications of the PCA units quoted. Therefore, an evaluation could not be completed;
- The submittal received from Cavotec noted exceptions to the RFQ's general terms and conditions and provided two different lead times; and
- The submittal received from Smart Airport Systems noted exceptions to the RFQ's payment terms.

Based on the submittals received, on February 18, 2019, the Concessions/Procurement Committee deemed that the submittals received from Twist Aero, John Bean Technologies, Cavotec and Smart Airport Systems were non-responsive. The Concessions/Procurement Committee (the Committee) also deemed that submittals received from Verde GSE, ITW GSE

Inc., and BGSE Group were responsive and responsible, and recommended award to Verde GSE as the lowest responsive and responsible respondent.

Subsequently, on February 22, 2019, the Chief Executive Officer received an appeal from Thomas Shephard alleging that the PCA units contained in the submittal received from Verde GSE and ITW GSE, Inc. did not meet the 60-ton unit RFQ specification requirement. Thereafter, on March 11, 2019, the Chief Executive Officer held an appeal hearing for all interested parties to address the concerns raised by the appeal. During the hearing, Twist Aero confirmed their intention to provide a two-year warranty, required by the RFQ, and on April 1, 2019, the Committee rescinded its earlier findings regarding Twist Aero and deemed Twist Aero as responsive and responsible, which did not affect the ranking (see attached appeal letter).

In addition, after careful review and consideration of all information presented both prior to the appeal hearing as well as the testimony and evidence received at the appeal hearing, the Chief Executive Officer upheld the previous action of the Committee, which deemed Verde GSE and ITW GSE, Inc. as responsible and responsive and recommend award to Verde GSE.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact of the proposed Purchase Agreement is not-to-exceed \$448,819. Funding for the Purchase Agreement is available from previously approved Capital Expenditure Fund.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the Concessions/Procurement Committee's recommendation to (1) deem the quotations received from John Bean Technologies, Cavotec and Smart Airport Systems non-responsive; (2) award Request for Written Quotations No. 92748-19, Preconditioned Air Units, to Verde GSE as the lowest responsive and responsible respondent in the amount not-to-exceed \$448,819; (3) authorize funding from the previously-approved Capital Expenditure Fund; and (4) authorize the Purchasing Office to issue the appropriate purchase agreement.

On **WEDNESDAY, APRIL 17, 2019**, the **GREATER ORLANDO AVIATION AUTHORITY** met in regular session in the Carl T. Langford Board Room of the Aviation Authority offices in the main terminal building at the Orlando International Airport (OIA), One Jeff Fuqua Boulevard, Orlando, Florida. Chairman Domingo Sanchez called the meeting to order at 2:00 p.m. The meeting was posted in accordance with Florida Statutes and a quorum was present. *[Live Streaming from Orlando, FL]*

Authority members present,

Domingo Sanchez, Chairman
M. Carson Good, Vice Chairman
Dr. Jason Pirozzolo, Treasurer
Mayor Jerry Demings
Mayor Buddy Dyer
Randall Hunt
Rafael Martinez

Also present,

Phillip N. Brown, Chief Executive Officer and Secretary
Dayci S. Burnette-Snyder, Director of Board Services and Assistant Secretary
Marcos Marchena, General Counsel
Yovannie Rodriguez, Deputy General Counsel

For individuals who conduct lobbying activities with Aviation Authority employees or Board members, registration with the Aviation Authority is required each year prior to conducting any lobbying activities. A statement of expenditures incurred in connection with those lobbying instances should also be filed prior to April 1 of each year for the preceding year. As of January 16, 2013, lobbying any Aviation Authority Staff who are members of any committee responsible for ranking Proposals, Letters of Interest, Statements of Qualifications or Bids and thereafter forwarding those recommendations to the Board and/or Board Members is prohibited from the time that a Request for Proposals, Request for Letters of Interests, Request for Qualifications or Request for Bids is released to the time that the Board makes an award. As adopted by the Board on September 19, 2012, lobbyists are now required to sign-in at the Aviation Authority offices prior to any meetings with Staff or Board members. In the event a lobbyist meets with or otherwise communicates with Staff or a Board member at a location other than the Aviation Authority offices, the lobbyist shall file a Notice of Lobbying (Form 4) detailing each instance of lobbying to the Aviation Authority within 7 calendar days of such lobbying. As of January 16, 2013, Lobbyists will also provide a notice to the Aviation Authority when meeting with the Mayor of the City of Orlando or the Mayor of Orange County at their offices. The policy, forms, and instructions are available in the Aviation Authority's offices and the web site. Please contact the Director of Board Services with questions at (407) 825-2032.

BRIEFING ON METROPLEX BY THE FEDERAL AVIATION ADMINISTRATION

1. Mr. Michael O'Harra, FAA Southern Region Administrator talked about the FAA Next Gen South-Central Florida Metroplex Airspace Modernization. Mr. O'Harra thanked the Board for being here today. He also expressed appreciation for the support and assistance received from the Aviation Authority staff.

Florida is the only state that has four core airports (considered major, international large airports) and that is the reason why the FAA is studying the interaction of these four airports. As to the Metroplex site status, he mentioned that seven sites have been completed - Houston, Washington DC, Northern California, North Texas, Charlotte, Atlanta, and Southern California. The ongoing sites include Cleveland-Detroit, Denver, South-Central Florida, and Las Vegas. He then talked about the South-Central Florida Metroplex Study Area. He stated aviation impacts in Florida that of the four core 30 airports, creates 1.3 million jobs, generates \$44.5 billion annual payroll, and has an annual economic impact of \$144 billion. Using visual aids (copy on file), he illustrated MCO's preliminary design for south and north departure flows and south and north arrival flows. Using satellite navigation procedures improves direct routing; decrease in delays; reduces congestion at airports; and addresses the busiest airspace in the nation. They are aware of noise mitigation and current agreements and honoring those commitments. They make every effort to avoid residential areas. As of today, they are at the design and procedure development. Followed by the operational, environmental and safety review, implementation and training, and post-implementation. Mr. O'Harra then introduced Mr. Ken Brissenden who discussed Next Gen aircraft.

BRIEFING ON AVIATION NOISE ABATEMENT COMMITTEE (ANAC)

2. Chairman Sanchez welcomed Dave Konstan, Chairman, Aviation Noise Abatement Committee.

Using visual aids (copy on file), Mr. Konstan talked about the slide on the screen shows a typical day's flights when operations are to the south. The red tracks are the landings and the blue tracks are the takeoffs. Now here is a day's operations when operations are to the north; again the red tracks are the landings and the blue tracks are the takeoffs. There are a lot of airplanes going over a lot of people's homes and is the reason the Aviation Noise Abatement Committee exists.

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In 1977, the Orlando International Airport had approximately 200 operations a day, 100 takeoffs, and 100 landings. While some propeller flights existed, most were first generation, very noisy jets. Airplanes traveling west and northwest were allowed to begin their turns almost immediately after takeoff, aligning them over south Conway and the City of Belle Isle.

The citizens organized, demanding relief from the noise. By mutual agreement the Aviation Noise Abatement Task Force was organized. As part of the Interlocal Agreement between Orange County and the Aviation Authority, a Noise Abatement Committee was established composed of representatives from local governments, airports, airlines, and local citizens to make recommendations for establishing noise abatement procedures and monitor their implementation. The Aviation Noise Abatement Council held their first meeting on February 1, 1978. We hold public meetings and serve as a forum for citizens to express their concerns.

The Committee is composed of 10 voting members:
citizen/member, noise-impacted municipal area;
citizen/member, noise-impacted unincorporated area;
an aviation industry representative;
current Chairman of the OEA Advisory Committee (representing general aviation);
representative of the Aviation Authority (currently Senior Director of Operations)
citizen at large;
citizen/member of Orange County East of Goldenrod Road;
Osceola County representative;
citizen/member of the City of Orlando

Members, depending on who they represent, are selected by the Orange County Board of County Commissioners, the Osceola County Board of County Commissioners, the City of Orlando, the Airport Management Council and the Aviation Authority.

ANAC works hand in hand with GOAA and the FAA. We are the sounding board for the community, offering them the opportunity to be heard by our members, by the FAA, and by GOAA. We are a citizen board serving as a forum for our fellow citizen on matters related to airport noise. Our goal is to provide them with solutions. They also have the opportunity to be heard directly by the FAA at our ANAC meetings.

Mr. Konstan thanked the Board for allowing him to serve over 30 years as the Chairman of ANAC.

BRIEFING ON FINANCE DEPARTMENT

3. Chairman Sanchez introduced Ms. Kathleen Sharman, Chief Financial Officer. He mentioned that for the benefit of the new board members, these type of informational presentations would be provided during the remainder of the year.

Ms. Sharman provided a comprehensive overview of the Finance Department and finances of the Greater Orlando Aviation Authority. The airport legal/financial framework is a combination of industry rules and federal and local constraints. She discussed Rates and Charges; Capital Improvement Plan and Funding Sources; Finance Department and Oversight Controls; and access to capital markets - GOAA's key credit strengths. She emphasized that the airport does not receive any local taxes. Therefore, if you do not use the airport, you do not pay for the airport.

Ms. Sharman stated that airports derive revenue from a variety of sources that can be characterized as airline revenue or non-airline revenue. In general, airline rates and charges must be based on a cost recovery methodology. Airline rates and charges must be reasonable and not unjustly discriminatory. She then discussed the Rates and Charges methodologies. In a residual ratemaking, airlines assume the risk of the airport's financial performance; airlines pay all airport costs and receive a credit for non-airline revenue; and airlines retain surplus non-airline revenues. Under a compensatory ratemaking, airport operator assumes the risk of the airport's financial performance; airlines pay fees and rental rates only for the facilities and services they use; airport operator retains surplus non-airline revenues; and airport operator determines the capital program. Airport-Airline business relationships can be with or without a bi-lateral agreement. The Aviation Authority has a hybrid agreement with the airlines, which means that there is a Resolution for Airline Rates and Charges, an Airline Operating Term and Conditions and it has a Revenue Sharing Agreement. In return for the airlines agreeing not to challenge MCO's rate making process, the Aviation Authority shares net remaining revenues with those passenger airlines that

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sign the Rate and Revenue Sharing Agreement and a 3-year Letter of Authorization. She mentioned the U.S. Dot Rates and Charges Dispute Resolution Time referred to as the Rocket Docket. It is very intense, time consuming, and an expensive process for airports. Ms. Sharman then explained MCO's current Airline Revenue Sharing Agreement; the strong Origin and Destination market; Orlando visitor update; diverse air carrier mix; and significant non-airline operating revenues totaling FY 2018 of \$545,885,000. As to cost centers, the Aviation Authority has Airfield; Terminal; Ground Transportation; Other Buildings and Grounds; and Hotel.

As to Capital Improvement Plan and Funding Sources, Ms. Sharman stated that designing a CIP Plan of Finance and airline rate system is an iterative process. The FY 2016-2025 CIP is geared around capacity expansions. She touched on the CIP's program projects and fund sources.

Ms. Sharman then moved to the Aviation Authority's Finance Department and Oversight. She showed the functional organizational chart; the Committee structure in place for financial oversight; internal controls; external financial and compliance audits; the Aviation Authority's credit strengths; and the fact that MCO has almost added an airport the size of Sacramento in the last 4 years with an increase of 11,982,535 passengers. In 2018, Sacramento had 12,050,763. She then discussed the CPE versus other large hubs. Currently, MCO is at \$5.86. The Aviation Authority has significantly less debt relative to other large hub airports; and our credit strengths which includes robust economic base; expanding airline traffic; a CIP designed to accommodate forecast demand; sound financial and operational performance; stable, conservative capital structure; and 2017 bonds and future financings. She reviewed the Aviation Authority's ratings in the market.

Chairman Sanchez thanked Ms. Sharman for the very informative presentation.

CONSENT AGENDA

4. Item AA was considered separately. Upon motion by Mayor Dyer, second by Vice Chairman Good, vote carried to adopt a resolution as follows: It is hereby resolved by the Greater Orlando Aviation that the following Consent Agenda items are approved, accepted, and adopted and execution of all necessary documents is authorized by the Aviation Authority's Officers or Chief Executive Officer:

A. accept for filing the following minutes - March 4 and March 18, 2019, Concessions/Procurement Committee; January 29, and February 5, 2019, Construction Committee; January 15, January 22, January 29, and February 5, 2019, Professional Services Committee; December 12, 2018, January 23 and February 19, 2019 Design Review Committee;

B. accept the recommendation to: (1) find the property listed in the memorandum no longer necessary, useful, or profitable in the operation of the Airport System; (2) request Orlando City Council concurrence and resolution of this finding; and (3) authorize staff to dispose of this property in accordance with the Aviation Authority's Policies and Procedures;

C. accept the recommendation of the Aviation MCO Art Committee to confirm the MCO Art Committee Member appointment of Hansen Mulford;

D. accept the recommendation of the Construction Committee to approve an Amendment to Addendum No. 7 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction for Project Bid Package (BP) No. S00133, South Terminal C, Phase 1, Airside Site Utilities and Balance of Sitework (GMP No. 2-S.1) at the Orlando International Airport, for a total negotiated GMP Amendment credit amount of (\$3,409,268.60), which includes a credit amount of (\$156,000) for Unbought Scope, a credit amount of (\$159,256) for CM@R Contingency, a credit amount of (\$2,878,882.60) for Owner Contingency, a credit amount of (\$22,492) for Performance and Payment Bonds, and a credit amount of (\$192,638) for the CM@R's Fee (6.031%), resulting in a revised GMP amount of \$54,513,594.40, with funding from previously-approved Customer Facility Charges and General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100442];

E. accept the recommendation of the Construction Committee to approve an Amendment to Addendum No. 8 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction for Project Bid Package (BP) No. S00143, South Terminal C, Phase 1, Airside Terminal, Structure and Enclosure (GMP No. 6-S.1) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$2,177,678, which includes \$1,239,561 for Direct Cost of Work, \$49,582 for CM@R Contingency, \$751,120 for Owner Contingency, \$14,367 for Performance and Payment Bonds, and \$123,048 for the CM@R's Fee (6.031%),

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resulting in a revised GMP amount of \$152,789,690, with funding from previously-approved Capital Expenditure Funds, Passenger Facility Charges, and General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100443];

F. accept the recommendation of the Construction Committee to approve an Amendment to Addendum No. 13 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for Project Bid Package (BP) No. S00144, South Terminal C, Phase 1, Airside Terminal Enclosures and Exterior Finishes (GMP No. 6-S.2) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$1,388,056, which includes \$1,238,541 for Direct Cost of Work, \$49,542 for CM@R Contingency, \$12,385 for Owner Contingency, \$9,157 for Performance and Payment Bonds, and \$78,431 for the CM@R's Fee (6.031%), resulting in a revised GMP amount of \$105,495,519, with funding from previously-approved Capital Expenditure Funds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100444];

G. accept the recommendation of the Construction Committee to approve an Amendment to Addendum No. 14 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for Project Bid Package (BP) No. S00145, South Terminal C, Phase 1, Airside Early Interiors (GMP No. 6-S.3) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$275,646, which includes \$179,504 for Direct Cost of Work, \$66,450 for Unbought Scope, \$9,838 for CM@R Contingency, \$2,460 for Owner Contingency, \$1,819 for Performance and Payment Bonds, and \$15,575 for the CM@R's Fee (6.031%), resulting in a revised GMP amount of \$45,466,889, with funding from previously-approved Capital Expenditure Funds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100445];

H. accept the recommendation of the Construction Committee to approve an Amendment to Addendum No. 9 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction for Project Bid Package (BP) No. S00152, South Terminal C, Phase 1, Apron/Airfield Pavement (GMP No. 10-S) at the Orlando International Airport, for a total negotiated GMP Amendment credit amount of (\$4,115,334), which includes a credit amount of (\$3,649,455) for Direct Cost of Work, a credit amount of (\$169,700) for CM@R Contingency, a credit amount of (\$36,495) for Owner Contingency, a credit amount of (\$27,150) for Performance and Payment Bonds, and a credit amount of (\$232,534) for the CM@R's Fee (6.031%), resulting in a revised GMP amount of \$78,564,114, with funding from General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100446];

I. accept the recommendation of the Construction Committee to approve an Amendment to Addendum No. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for Project Bid Package (BP) No. S00168, South Terminal C, Phase 1, Airside Terminal Interiors Finishes and Specialties (GMP No. 6-S.4) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$468,841, which includes \$418,332 for Direct Cost of Work, \$4,557 for Unbought Scope, \$12,184 for CM@R Contingency, \$4,183 for Owner Contingency, \$3,093 for Performance and Payment Bonds, and \$26,492 for the CM@R's Fee (6.031%), resulting in a revised GMP amount of \$60,391,231, with funding from previously-approved Capital Expenditure Funds, Passenger Facility Charges, and General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100447];

J. accept the recommendation of the Construction Committee to approve an Amendment to Addendum No. 21 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Turner-Kiewit Joint Venture for Project Bid Package (BP) No. S00176, South Terminal C, Phase 1, Sitework Logistics Relocation (GMP No. 18-S) at the Orlando International Airport, for a total negotiated GMP Amendment amount of \$18,255,224, which includes \$15,873,760 for Direct Cost of Work, \$904,469 for Allowances, \$309,058 for CM@R Contingency, \$309,058 for Owner Contingency, \$121,215 for Performance and Payment Bonds, and \$737,664 for the CM@R's Fee (4.211%), resulting in a revised GMP amount of \$43,244,681, with funding from previously-approved Customer Facility Charges, General Airport Revenue Bonds, and the Aviation Authority's Line of Credit to be reimbursed by future General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100448];

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K. accept the recommendation of the Construction Committee to (1) award Project Bid Package (BP) No. 00491, West Security Screening Checkpoint Expansion - Package 2, at the Orlando International Airport, to H.W. Davis Construction, Inc., for the total direct-negotiated proposal amount of \$6,494,548, with funding from previously-approved Capital Expenditure Funds; (2) approve an Addendum to the Continuing Program and Project Management Services (OAR Prime Entity) Agreement with Geotech Consultants International, Inc. dba GCI, Inc. for Construction Phase OAR Services for BP No. 00491, West Security Screening Checkpoint Expansion - Package 2, at the Orlando International Airport, for the total amount of \$425,540, which includes a not-to-exceed fee amount of \$396,540 and a not-to-exceed reimbursable expense amount of \$29,000, with funding from previously-approved Capital Expenditure Funds; (3) approve an Addendum to the Ticket Lobby Modifications and Improvements Agreement with C.T. Hsu & Associates, P.A. for Construction Administration (CA) Services for BP No. 00491, West Security Screening Checkpoint Expansion - Package 2, at the Orlando International Airport, for a total amount of \$193,577, which includes a not-to-exceed fee amount of \$192,403 and a not-to-exceed reimbursable expense amount of \$1,174, with funding from previously-approved Capital Expenditure Funds; and, (4) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100449-100451];

L. accept the recommendation of the Construction Committee to (1) authorize the procurement of LED screen material supplies, shipping and crating, bond and shipping insurance in support of V-00906, West Checkpoint Video Walls, at the Orlando International Airport, from SACO Technologies, Inc., for a total not-to-exceed amount of \$947,856.11, with funding from previously-approved Capital Expenditure Fund; (2) authorize the Purchasing Office to issue the necessary purchase order; and, (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary contract documents following satisfactory review by legal counsel;

M. accept the recommendation of the Construction Committee to (1) approve Change Order No. BP-00474-02REV in the amount of \$1,275,321.34 and a 113-calendar day extension to Substantial Completion, with funding as outlined in Attachment A; (2) approve Change Order No. BP-00488-05 in the amount of \$0 and a 170-calendar day extension to Substantial Completion, with funding as outlined in Attachment A; (3) approve Change Order No. H-00309-01 in the amount of \$298,951.85 and no time extension, with funding as outlined in Attachment A; (4) approve Change Order No. L-00032-02 in the amount of \$200,000 and no time extension, with funding as outlined in Attachment A; (5) approve Change Order No. L-00033-01 in the amount of \$200,000 and no time extension, with funding as outlined in Attachment A; and, (6) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the change order(s) following satisfactory review by legal counsel;

N. accept the recommendation of the Professional Services Committee to (1) deem Adacel Systems, Inc. as non-responsive and (2) approve the shortlist of Proposers for further consideration for W-00396, Virtual Ramp Control (VRC) Services, at the Orlando International Airport as follows, in alphabetical order, Saab Sensis Corporation and Searidge Technologies, Inc.;

O. accept the recommendation of the Professional Services Committee to (1) approve the ranking of firms for Continuing Signage Construction Services at the Orlando International Airport and Orlando Executive Airport as follows: First - AC Signs LLC and Second - Media 1 Signs, Inc.; (2) approve a no cost Continuing Signage Construction Services Agreement with each of the two ranked firms; and, (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary contract documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100452-100453];

P. accept the recommended changes to Organizational Policy & Procedure Section 203.02, Vacation Leave [FILED DOCUMENTARY NO. 100454];

Q. accept the recommended changes to Organizational Policy & Procedure Section 203.03, Sick Leave [FILED DOCUMENTARY NO. 100455];

R. accept the recommended revisions to Organizational Policy and Procedure Section 206.01, Wage and Pay Plan [FILED DOCUMENTARY NO. 100456];

S. accept the recommendation to (1) approve the multi-year extension of the Primary Airport Liability Coverage from Chubb-ACE USA and the First Excess Airport Liability Coverage from ACE Westchester London for the 2020/2021 policy period as set forth in this memorandum; (2) authorize funding from the Operations and Maintenance Fund in the amount of an additional \$99.15 for the May 1, 2019 renewal; and (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents, following satisfactory review [FILED DOCUMENTARY NO. 100457];

T. accept the recommendation of the Concessions/Procurement Committee to (1) award a Rental Automobile Concession to Advantage OPCO, LLC, Avis Budget Car Rental, LLC, Enterprise Leasing Company of Orlando, LLC, The Hertz Corporation, and Sixt Rent a Car, Inc.; (2) approve an amendment to the existing Rental Automobile Concession

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Agreements with Advantage OPCO, LLC, Avis Budget Car Rental, LLC, DTG Operations, Inc., Enterprise Leasing Company of Orlando, LLC, and The Hertz Corporation; and (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the appropriate documents following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100458-100459];

U. approve the recommendation of the Concessions/Procurement Committee to (1) deem the quotations received from John Bean Technologies, Cavotec and Smart Airport Systems non-responsive; (2) award Request for Written Quotations No. 92748-19, Preconditioned Air Units, to Verde GSE as the lowest responsive and responsible respondent in the amount not-to-exceed \$448,819; (3) authorize funding from the previously-approved Capital Expenditure Fund; and (4) authorize the Purchasing Office to issue the appropriate purchase agreement;

V. accept the recommendation of the Concessions/Procurement Committee to (1) approve an amendment to Purchasing Agreement PS-459, Strategic Business Consulting with McKinsey & Company, Inc. - Washington, D.C., to exercise the first renewal term, extending the Agreement for one year through April 30, 2020; (2) authorize funding from the Operations and Maintenance Fund in the amount not-to-exceed \$300,000; and (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the appropriate amendment following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100460];

W. accept the recommendation of the Concessions/Procurement Committee to (1) approve an amendment and contract adjustment to Purchasing Contract 02-11, Common Use Passenger Processing System and Common Use Self Service Operations and Maintenance Services, with SITA Information Networking Computing USA, Inc.; (2) authorize funding in the amount not-to-exceed \$1,531,200 from the Operation and Maintenance Fund and Capital Expenditure Fund; and (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the appropriate amendment following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100461];

X. approve the recommendation of the Concession/Procurement Committee to (1) award the purchase of two new passenger boarding bridges, pursuant to Denver International Airport Master Purchase Order No. 0823A0115, Quotation No. 3556 to JBT AeroTech, Jetway Systems in the not-to-exceed amount \$1,176,944; (2) authorize funding from the previously-approved Capital Expenditure Fund; and (3) authorize the Purchasing Office to issue the necessary purchase agreement;

Y. approve the recommendation of the Concession/Procurement Committee to (1) approve the first renewal term for Purchasing Contract No. 09-16, Satellite Buildings Janitorial Maintenance, with Sterling Building Services, Inc.; (2) authorize funding from the Operations and Maintenance Fund in an amount not-to-exceed \$349,862.60; and (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the appropriate amendment following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100462];

Z. approve the recommendation of the Concession/Procurement Committee to (1) award Request for Bid No. 05-19, Fire Sprinkler Systems Maintenance Services (Wet, Dry and Pre-Action), to Convergent Technologies, LLC, as the lowest responsive and responsible bidder; (2) authorize funding from the Operations and Maintenance Fund in the amount not-to-exceed \$1,120,035; and (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the appropriate purchase agreement following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100463];

AA. pulled and considered separately;

BB. approve the recommendation of the Concessions/Procurement Committee to (1) amend Purchasing Contract No. 08-15, Aircraft Operating Area Landscape Maintenance Services, with P&L Lawn Maintenance, Inc. to exercise the second renewal term through July 7, 2020; (2) authorize funding from Operations and Maintenance Fund in the amount not-to-exceed \$246,400; and (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the appropriate amendment following satisfactory review by legal counsel [FILED DOCUMENTARY NO. 100464];

CC. approve the recommendation of Chairman Sanchez to re-appoint David Konstan as Chairman of the Aviation Noise Abatement Committee for a one-year term effective April 5, 2019;

DD. approve the recommendation of the Construction Finance Overview Committee to (1) transfer \$359,000 of non-budgeted Capital Expenditure Funds for Hyatt Regency @ OIA Renovations from fund balance and (2) request Orlando City Council concurrence for this non-budgeted expenditure;

EE. approve the recommendation of Chairman Sanchez to approve the appointment of Mr. Jon Eichelberger and Ms. April Fisher to the Greater Orlando Aviation Authority Charitable Donation Initiative, Inc. (GOAA Foundation);

FF. approve the recommendation of Chairman Sanchez to confirm the appointments outlined in the memorandum effective April 17, 2019 to the Commercial Properties

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Development Committee; Finance Committee; Metroplan; Orlando Economic Partnership; and the Orlando Executive Airport Advisory Committee; and,

GG. approve the recommendation of Chairman Sanchez to approve the renewal of the Federal Governmental Relations Services agreement with KNA Services for a term of three years with two one-year extensions with a fiscal impact of \$42,000 [FILED DOCUMENTARY NO. 100465].

RECOMMENDATION TO APPROVE OPERATIONAL POLICY AND PROCEDURE SECTION 740.03, FIRST AMENDMENT ACTIVITIES AND ELIMINATE OPERATIONAL POLICY PROCEDURE SECTION 740.01, DISTRIBUTION OF LITERATURE AND SOLICITATION OF DONATIONS, AND ALSO ELIMINATE OPERATIONAL POLICY AND PROCEDURE SECTION 740.01, PICKETING

5. Mr. Marchena stated that this item requests the Board to adopt a new policy on first amendment activities. Government property that has traditionally been available for public expression is a public forum - parks; streets; sidewalks; or exterior of City Hall or County buildings. Only very limited regulation of public expression is allowed - time, place, and manner restrictions are acceptable; restrictions based on viewpoint are prohibited; and content discrimination is presumptively invalid. The public may speak, march, picket, or solicit. He cited International Society for Krishna Consciousness v. Lee, 505 U.S. 672. From 1992. In that case, the Supreme Court decided that airports are not traditional public fora.

The Greater Orlando Aviation Authority previously designated both OIA and OEA as non-public fora. The current policies provide for time, place, and manner for engagement in first amendment activities. The rules remain viewpoint neutral. This proposed policy takes the place of Distribution of Literature and Solicitation of Donations Policy, Section 740.01 and Picketing Policy, Section 740.02. Mr. Marchena reviewed both policies and what it permits and does not permit.

As previously stated, the proposed policy combines the provisions in Section 740.01 and 740.02. The proposed policy clarifies application of policies to speaking and rallying. It provides more consistency by allocating scarce space resource for first amendment activities to economic, political, religious, or social issues. He then outlined the requirements for persons or organizations, who wish to distribute literature, speak, picket, or march.

Mayor Demings asked if there was a threshold of participants that would trigger the need for a permit. Mr. Marchena stated that there is not because we focused on individuals not traveling. If there is a group traveling, we observe to see if there are disruptions. Mr. Marchena explained the locations designated for these first amendment activities.

Mr. Martinez asked how we would inform the public of this policy. Mr. Marchena replied that it would be posted on the website (www.orlandoairports.net) in addition to possible social media awareness. In response to Mayor Dyer's question, Mr. Marchena responded that the Senior Director of Operations makes the determination on permits (currently Mr. Tom Draper).

Discussion ensued as to persons who carry signs or wear clothing that supports one activity or another (for example, Save the Whales). Mr. Marchena stated that either/or falls into the first amendment policy and the person would have to fill out a permit. Any expression of economic, social, or political issues.

Dr. Pirozzolo stepped out of the meeting; returning at 2:44 p.m.

Upon motion by Mayor Dyer, second by Vice Chairman Good, vote carried to approve the recommendation. [FILED DOCUMENTARY NO. 100466].

RECOMMENDATION TO CONDUCT INDEPENDENT INVESTIGATION

7. Dr. Pirozzolo asked for the floor. He stated that just like everyone, he has had the opportunity of reading about the improper spending at the University of Central Florida (UCF). Because of the Board's relationship with Mr. Marchena, as the Aviation Authority's general counsel, he has had members of the community and airport stakeholders approach him and question the integrity of the Aviation Authority's finances and procurement process. As Treasurer, he received a full financial briefing yesterday. He wants to make it clear that in no way is he making any accusations and is not aware of any specific facts that lead him to think there are any problems with Mr. Marchena's representation of the airport. However, it is our fiduciary responsibility to ensure that as we move forward we, as a Board, answer detailed

MINUTES OF THE APRIL 17, 2019, MEETING OF THE GREATER ORLANDO AVIATION AUTHORITY

financial and operational audits looking into its contracts, procurement process, and the budgeting procedure. This analysis should be independent of the airport's routine audits to ensure it is completed in an objective and unbiased manner. To achieve this goal, mindful of the far reach this airport has, we should find someone from outside of Central Florida. This person should have impeccable credentials and reputation to spearhead this independent review.

Dr. Pirozzolo made a motion that at the next board meeting the Board authorize an independent counsel to oversee an independent investigative and forensic audit evaluating the airports contracts, procurement process, budgeting procedures, as well as a comprehensive review of all the business relationships Mr. Marchena or his associates have with board members, airport employees, vendors or lobbyist. This audit should go back no less than five years. He asked the Assistant Secretary to perform a roll call vote. Mr. Hunt seconded the motion.

Vice Chairman Good said he was not sure he understood the motion. Voted on next month? Dr. Pirozzolo responded that at the board meeting next month we (the Board) would authorize an independent counsel to oversee the independent investigation, which means in the next month we would find someone that fits the bill to complete the task. Vice Chairman Good replied not a CPA type auditor. Dr. Pirozzolo responded that it would be an independent investigator. It is not without precedent in our state. If you look at Florida State University when it empaneled former Florida Supreme Court Justice Major Harding to investigate allegations against Jameis Winston. Something to that effect. That an independent investigator will oversee the entire audit, keeping it unbiased. Following up on his question, Vice Chairman Good then stated that the vote would be on a specific investigator, with a specific scope of work, and cost. Dr. Pirozzolo responded in the positive. That after the vote is passed today, then over the next month, we follow the guidelines of the motion and at the next meeting, we take the vote to hire the investigator. Following discussion, Vice Chairman Good said that this would be a motion to look for someone. Dr. Pirozzolo responded yes with a definitive point to hire the individual next month.

Mayor Demings stated that he was not clear on the purpose. There are audits that have been performed by independent auditors. What are we looking for? Dr. Pirozzolo responded that the airport has been a subject of intensive criticism for the past year. His objective is to get all of that past us. Dr. Pirozzolo stated that he has spoken with Mr. Marchena and Mr. Marchena said that there is nothing that will be turned up. If it helps the Board to pass this motion, just based on transparency and accountability, which (both behaviors) is supported by the Governor and community, I trust that Mr. Marchena has done everything right and if anything turns up, and Mr. Marchena has to resign, I will resign my position on the board as well.

Mayor Demings asked if it was an audit of general counsel's billing or all billings and procurement. Dr. Pirozzolo mentioned that the general counsel essentially works with all procurements at the airport so therefore it would be all billings and quite an intense audit.

Mr. Martinez stated that it would be a large expense. Dr. Pirozzolo agreed but stated that if you look at the economic impact of the airport and the capital plan, it is not unreasonable. Mr. Martinez added that this is based on grounds of what happened at UCF and requesting an investigation over the past five years? Dr. Pirozzolo responded that it is part of it plus the cloud hanging over this airport. He added that we are just starting, most of the board is new, and he does not want to find out that something happened and the board is brought into it. It is about transparency and accountability.

Mayor Dyer stated that he is perplexed because he does not see any cloud hanging over the airport and the fact that Mr. Marchena serving on a different board (UCF) and the airport - what is the connection? Chairman Sanchez agreed with the Mayor that he was a bit confused as well.

Mayor Dyer asked that the motion be clarified since it was explained differently during discussions. Dr. Pirozzolo clarified that they (Board) are moving forward to hire someone next month. Vice Chairman Good stated that there are new board members, such a study would require competitive bids, and there is a process, scope of work. If some board members are interested, come back with more of a definition. Following comments, Dr. Pirozzolo stated that he wanted to involve the entire board and he is only going on record stating his concerns. He, of course, will accept the outcome of votes today.

MINUTES OF THE APRIL 17, 2019, MEETING OF THE GREATER ORLANDO AVIATION AUTHORITY

Mayor Demings stated that he is still struggling with the scope since it is not defined. It looks like a witch-hunt. At UCF there was a precipitating event that occurred which caused the actions taken. To the contrary, Dr. Pirozzolo responded that he was trying to clear Mr. Marchena's name so that we can all move forward. Chairman Sanchez stated that there is no need to clear his name. Mr. Martinez agreed with the Chairman and added that he has never heard anything derogatory about Mr. Marchena or the cloud over this airport.

Mayor Dyer stated that he would vote against the motion. He has not heard anything that would compel him to go down this route. Chairman Sanchez asked Mr. Brown if he had heard about any allegations or anything that the board has not been informed. He responded no concerning the situation of UCF. There has been press about the former Chairman but it was not related to misappropriation or expenditure of funds.

Mr. Hunt stated that in the spirit of what Dr. Pirozzolo was saying that he was willing to resign if something came up, he just wants the air cleared. Chairman Sanchez stated that he was not supporting the motion. Vice Chairman Good stated that as Treasurer, Dr. Pirozzolo could take the next month to look into this for his own satisfaction. He is uncomfortable with authorizing today a kick-off of a process without additional information.

Roll call vote as follows:

Chairman Sanchez, no
Vice Chairman Good, no
Dr. Pirozzolo, yes
Mayor Dyer, no
Mayor Demings, no
Mr. Hunt, yes
Mr. Martinez, no

Motion failed.

CHIEF EXECUTIVE OFFICER'S REPORT

7. Mr. Brown mentioned that Governor DeSantis declared April, Aviation Appreciation Month, in the heels of FDOT's report on the economic impact of commercial aviation which totaled \$175 billion annually. OIA generated about \$41 billion of that impact. He also advised that the escrow was met on the agreements with Virgin Trains USA.

ADJOURNMENT

8. There being no further business to be considered, Chairman Sanchez adjourned the meeting at 3:20 p.m.

(Digitally signed on May 16, 2019)

Dayci S. Burnette-Snyder
Director of Board Services

Phillip N. Brown, A.A.E.
Chief Executive Officer



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Raymond D. Anderson, Chairman, Concessions/Procurement Committee
DATE: June 17, 2020

ITEM DESCRIPTION

Recommendation of the Concessions/Procurement Committee to Award Invitation to Bid for Purchasing Contract No. 23-20, Specialized Commercial Cleaning Services, at Orlando International Airport, to Florida Cleaning Systems, Inc.

BACKGROUND

Purchasing Contract No. 23-20, Specialized Commercial Cleaning Services, includes all labor, supervision, trucks, equipment, chemicals, materials and supplies required to provide interior and exterior window, skylights, canopy and specialty surface cleaning services and pressure washing services to remove gum, oil, soil, algae, grease, stickers and other foreign substances from roadway bridge abutments, knee-walls, piers, ticket and toll structures at the Orlando International Airport, including the South Terminal Automated People Mover, Intermodal Transport Facility and Passenger Lobby.

The Purchasing Contract is scheduled to commence on August 1, 2020, with an initial three-year term and two additional one-year renewal terms that may be exercised by the Aviation Authority. Pricing is based on unit prices and hourly rates for services. The total cost of the Purchasing Contract will be determined based on the services requested, performed, and approved by the Aviation Authority.

The Purchasing Contract includes a Minority and Women Business Enterprise (MWBE) participation goal of 20%.

ISSUES

On March 9, 2020, Staff issued an Invitation to Bid for Purchasing Contract No. 23-20. A total of 508 invitations were sent to potential vendors, 50 vendors viewed the invitation and 27 vendors downloaded the invitation. On March 16, 2020, four vendors attended the Pre-Bid Conference and on April 3, 2020, the following bids were received:

<u>Bidder</u>	<u>Three-Year Bid</u>
Florida Cleaning Systems, Inc.	\$1,365,389.40
D&A Window Cleaning Services, Inc.	\$1,897,432.00
GPC Maintenance Systems, Inc.	No Bid

Staff and legal counsel reviewed the bids received and determined that the bids from Florida Cleaning Systems, Inc. and D&A Window Cleaning Services, Inc. were responsive and responsible. The Office of Small Business Development has also reviewed the bids and determined that the bids received from Florida Cleaning Systems, Inc. and D&A Window Cleaning Services, Inc. were responsive to the MWBE participation goals.

On May 4, 2020, the Concessions/Procurement Committee approved Staff's recommendation to award Invitation to Bid for Purchasing Contract No. 23-20, Specialized Commercial Cleaning Services, at Orlando International Airport, to Florida Cleaning Systems, Inc., for an initial three-year term, in an amount not-to-exceed \$1,365,389.40.

ALTERNATIVES

No alternatives are being considered.

FISCAL IMPACT

The fiscal impact of the proposed Purchasing Contract is not-to-exceed \$1,365,389.40. Funding required in current and subsequent fiscal years will be allocated from the Operations and Maintenance Fund as approved through the budget process and when funds become available.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to approve the Concessions/Procurement Committee's recommendation to (1) award Invitation to Bid for Purchasing Contract No. 23-20, Specialized Commercial Cleaning Services, at Orlando International Airport, to Florida Cleaning Systems, Inc., for an initial three-year term, in an amount not-to-exceed \$1,365,389.40; (2) authorize funding from the Operations and Maintenance Fund in the amount not-to-exceed \$1,365,389.40; and (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Phillip N. Brown, Chief Executive Officer
DATE: June 17, 2020

ITEM DESCRIPTION

Notification of Chief Executive Officer Approvals for June 2020 Board Meeting

BACKGROUND

The attached list represents contracts executed by the Chief Executive Officer requiring notification to the Board.

In addition, the following was also executed:

- Professional Service Award to Heffley & Associates, LLC to consult matters involving various legislative and other governmental related, for a total estimated cost of \$36,000.

PURCHASING SUBMITTALS FOR BOARD NOTIFICATION - JUNE 2020

Action	Competition	Vendor	Committee Approval	Cost	Funding	Description of Goods or Service	Term	Date Signed
Award	Single Source SG-00103	OAG Aviation Worldwide LLC	NA	\$79,500.00	O & M Funds	Provide GOAA with a source of digital information and applications to flight schedules and data to the aviation industry.	Contract Term 5/12/20-5/11/21	5/5/2020
Award	GOAA Bid 18-20	Orr Protection Systems Inc.	CPC 2/24/20	\$248,038.50	O & M Funds	Fire Suppression Systems Testing, Certification and Maintenance	Contract Term 5/14/20-5/13/23	5/14/2020
Award	GOAA Bid 21-20	Haines City Fire Extinguisher Service Inc.	PM Memo 4/8/20	\$89,954.70	O & M Funds	Fire Extinguisher Inspection, Certification and Maintenance Services	Contract Term 5/1/20 - 4/30/23	5/1/2020
Amendment No. 2 Renewal Option	GOAA Bid PS-441	McGriff Insurance Services Inc.	PM Memo 1/24/20	\$81,650.90	O & M Funds	Benefits Consulting Services - Renewal Option 1	Contract Term 4/1/20- 3/31/21	5/15/2020
Amendment No. 2 Increase in Value No 2	GOAA Bid 05-19	Convergint Technologies LLC	CPC 3/23/20	\$130,000.00	O & M Funds	Fire Sprinkler Systems Maintenance Services (Wet, Dry & Pre-Action) - Contractor to replace aging fire sprinkler system control valves as part of the capital fire sprinkler projects for the main terminal.	During the Contract Term Period of: 4/1/20- 9/30/20	5/22/2020



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Kathy Bond, Chair, Retirement Benefits Committee
DATE: June 17, 2020

ITEM DESCRIPTION

Provisions of the Coronavirus Aid, Relief and Economic Security Act (CARES Act) pertaining to the Defined Contribution (401a) and Deferred Compensation (457b) Retirement Plans

BACKGROUND

The Aviation Authority Board established the Retirement Benefits Committee (RBC) to formalize the efforts of administering the retirement benefits for employees. Our investment consultant, AndCo, advises the RBC regarding investment activities related to the Plans.

On March 27, 2020, in response to the COVID-19 pandemic, Congress passed the CARES Act which has provisions that apply to two of the Aviation Authority's Retirement Plans; 401a (Defined Contribution Plan) and 457b (Deferred Compensation Plan as follows:

Defined Contribution Plan (401a)

- Allows the waiver of penalty for COVID-19 related in-service withdrawals
- Mandates the temporary waiver of 2020 Required Minimum Distributions

Deferred Contribution Plan (457b)

- Expands the loan rules for COVID-19 related matters

At the April 2, 2020 RBC meeting, Aaron Schluep, Empower Retirement, reviewed with the Committee, the provisions of the Act:

Waiver of Penalty (401a)

A participant may be eligible to initiate a COVID-19 related in-service distribution from their 401a account through December 31, 2020 without paying the standard 10% early withdrawal penalty up to \$100,000.

Required Minimum Distribution Waiver (401a)

The waiver provides flexibility for those who can afford not to take retirement plan distributions. Retirees can avoid liquidating assets at low prices and mitigate drops in their account balances.

Expansion of Loan Rules (457b)

The maximum loan amount is increased from \$50,000 (or 50% of vested account balance) to \$100,000 (or 100% of vested balance) for a COVID-19 related need. This increase applies to loans taken through September 22, 2020. The Act also allows for delayed payments on new or existing loans between March 27, 2020 and December 31, 2020. Loan repayments will be re-amortized and the loan maturity date will be extended to reflect the repayment delay plus accrued interest.

All communications, requests and certification of eligibility will be managed by the Recordkeeper, Empower Retirement. On April 2, 2020, the RBC voted to allow the expanded loan provisions and the waiver of penalty for in-service withdrawals for qualified plans.

INFORMATION ITEM - B -



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

MEMORANDUM

TO: Members of the Aviation Authority
FROM: Kathy Bond, Chair, Retirement Benefits Committee
DATE: June 17, 2020

ITEM DESCRIPTION

Transition of Retirement Plan Custody Services from Wells Fargo Retirement & Trust Services to Principal Financial Group for the Defined Contribution (401a) and Deferred Compensation (457b) Plans

BACKGROUND

The Aviation Authority Board established the Retirement Benefits Committee (RBC) to formalize the efforts of administering the retirement benefits for employees. Our investment consultant, AndCo, advises the RBC regarding all matters related to the Retirement Plans.

In 2015, the Aviation Authority contracted with Great-West/Empower Retirement for Recordkeeper Services for the 401(a) and 457(b) Plans. That Agreement included custody services through Wells Fargo Retirement. In 2019, Wells Fargo Retirement sold their Retirement Plan and Trust business to The Principal Group. All Plans must have a custodian to hold the Plan assets

The RBC reviewed information provided by Aaron Schluep, Empower Retirement and Jon Breth, our investment consultant, regarding the transition of custody services. Great-West now provides custody services, however, a new agreement would need to be negotiated with no potential benefit in terms of lower fees or enhanced services for the Participants. Transition from Wells Fargo to Principal would require the execution of a consent document as all terms would remain the same. Following a discussion by the RBC regarding procurement, legal fees, transition risk and administrative matters, the RBC voted to sign the consent of contract transfer of custody services from Wells Fargo to The Principal Group.

Plan Participants will experience no interruption or impact to their investment accounts by consenting to the transfer to Principal. Empower Retirement will continue to provide Recordkeeping Services for the Plans.

Once the consent forms are executed, a timeline will be provided by Principal and communication will be sent to plan participants.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Stanley J. Thornton, Chair, Professional Services Committee

DATE: June 17, 2020

ITEM DESCRIPTION

Notification of the Professional Services Committee's Approval of the Lists of Pre-Qualified Subcontractors/Suppliers for Major Trade Packages for the South Terminal C, Phase 1, Program, at the Orlando International Airport

BACKGROUND

In accordance with the Construction Manager at Risk (CM@R) Agreements for the South Terminal C, Phase 1, Program, and the Aviation Authority's Policies and Procedures 120.10 (Professional Services Committee) and 130.03 (Construction Management Contracts), the CM@Rs' proposed lists of prequalified subcontractors/suppliers for each major trade package must be approved by the Professional Services Committee.

Attached is the updated cumulative report for CM@Rs' pre-qualified subcontractors/suppliers approved by the Professional Services Committee through May 31, 2020.

Prequalified Subcontractors (STC-P1)

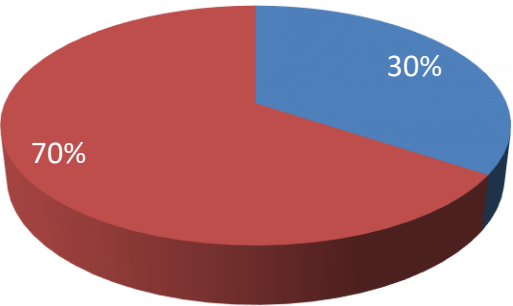
Program Goals	MWBE	LDB	DBE
TK Construction	20%	4%	13%
TK CM	20%	3%	-
HP Construction	20%	4%	-
HP CM	25%	6%	-

Turner-Kiewit MWBE LDB / DBE Participation

Classification	Classification Count	Total Firms Prequalified	Percentage
MWBE/LDB/SDVOBE/DBE*	182	612	29.74%
Non MWBE/LDB/SDVOBE/DBE	430	612	70.26%

* 191 Firms have DBE classification

TK Prequalified Subcontractors



■ MWBE/LDB/SDVOBE/DBE ■ Non MWBE/LDB/SDVOBE/DBE

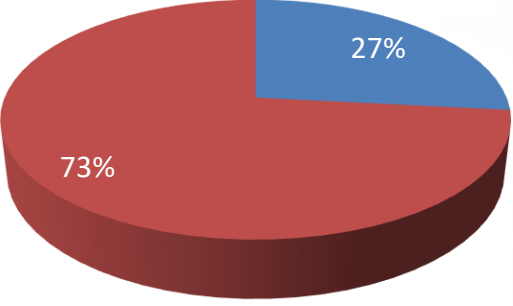
Turner-Kiewit

Hensel Phelps MWBE LDB / DBE Participation

Classification	Classification Count	Total Firms Prequalified	Percentage
MWBE/LDB/SDVOBE/DBE*	161	602	26.74%
Non MWBE/LDB/SDVOBE/DBE	441	602	73.26%

* 101 Firms have DBE classification

HP Prequalified Subcontractors



■ MWBE/LDB/SDVOBE/DBE ■ Non MWBE/LDB/SDVOBE/DBE



Prequalified Subcontractors (STC-P1)

GMP #	Description	CMAR	Board Approval Date	Awarded Value
1-S	EARLY SITEWORK AND STRUCTURES	PCL	AWARDED	\$5,967,637
3-S	VOID	VOID	VOID	\$0
4-S	TK JV GENERAL CONDITIONS	TK	AWARDED	\$4,085,999
4S.1	TK JV GENERAL CONDITIONS, FY2018 PART 1	TK	AWARDED	\$3,245,759
4S.2	TK JV GENERAL CONDITIONS, FY2018 PART 2	TK	AWARDED	\$7,430,864
4S.3	TK JV GENERAL CONDITIONS, FY2019	TK	AWARDED	\$37,457,840
4S.4	TK JV GENERAL CONDITIONS, FY2020	TK	AWARDED	\$36,964,003
5-S	LANDSIDE CLEAR/GRUB/EARTHWORK/GRADING	TK	AWARDED	\$7,311,316
5S.1	LANDSIDE DEEP FOUNDATIONS	TK	AWARDED	\$9,342,581
5S.2	LANDSIDE UTILITIES & BALANCES OF SITEWORK	TK	AWARDED	\$67,016,380
5S.3	ENPLANE/DEPLANE BRIDGE & ROADWAYS – FDOT	TK	AWARDED	\$19,867,655
5S.4	LANDSIDE CONVEYING EQUIPMENT JOINT PROCUREMENT WITH HP	TK	AWARDED	\$16,874,563
5S.5	ENPLANE/DEPLANE BRIDGE & ROADWAYS – BALANCE OF WORK – FDOT	TK	AWARDED	\$72,705,289
5S.6	UNDERGROUND ELECTRICAL DISTRIBUTION	TK	AWARDED	\$50,781,516
7-S	LANDSIDE TERMINAL, STRUCTURE, & ENCLOSURE	TK	AWARDED	\$129,780,502
7S.1	LANDSIDE TERMINAL, REMAINING STRUCTURE & SYSTEMS	TK	AWARDED	\$171,264,210
7S.2	LANDSIDE TERMINAL FINISHES	TK	AWARDED	\$91,336,056
7S.3	LANDSIDE TERMINAL, MEP SYSTEMS - FDOT	TK	AWARDED	\$128,761,285
7S.4	PHASE I – EXPERIENTIAL MEDIA ENVIRONMENT	TK	AWARDED	\$11,692,367
8-S	GROUND TRANSPORTATION FACILITY (FDOT)	TK	AWARDED	\$30,412,261
8S.1	PHASE I – GROUND TRANSPORTATION FACILITY	TK	AWARDED	\$49,843,311
9-S	PARKING GARAGE	TK	AWARDED	\$49,383,229
9S.1	PARKING FACILITY – PHASE II	TK	AWARDED	\$12,012,880
14-S	CENTRAL ENERGY PLANT & EPG BUILDING	TK	AWARDED	\$67,340,011
17-S	CHECKPOINT DELTA	TK	AWARDED	\$3,622,174
18-S	SITE LOGISTICS RELOCATION	TK	AWARDED	\$47,525,359
19-S	AIRFIELD CIVIL	TK	AWARDED	\$238,227,761

**PCL Awarded:
\$5,967,637**

**TK Awarded:
\$1,364,285,172**

**HP Awarded:
\$738,326,507**

Prequalified Subcontractors (STC-P1)

GMP #	Description	CMAR	Board Approval Date	Awarded Value
2-S	MASS CLEARING, GRUBBING AND LAKE GILLOOLY	HP	AWARDED	\$34,895,308
2S.1	AIRSIDE SITE UTILITIES & BALANCE OF SITEWORK	HP	AWARDED	\$31,568,234
6-S	AIRSIDE TERMINAL FOUNDATIONS	HP	AWARDED	\$21,942,142
6S.1	AIRSIDE TERMINAL, STRUCTURE, & ENCLOSURE	HP	AWARDED	\$188,841,270
6S.2	AIRSIDE ENCLOSURE & EXTERIOR FINISHES	HP	AWARDED	\$139,335,906
6S.3	AIRSIDE EARLY INTERIORS	HP	AWARDED	\$52,894,339
6S.4	AIRSIDE INTERIOR FINISHES & SPECIALTIES	HP	AWARDED	\$64,225,660
6S.5	AIRSIDE EXPERIENTIAL MEDIA ENVIRONMENT (EME)	HP	AWARDED	\$10,929,559
6S.6	STC AIRSIDE CONCOURSE	HP	AWARDED	\$82,045,496
10-S	APRON PAVEMENT	HP	AWARDED	\$7,665,705
11-S	FUELING SYSTEM	HP	AWARDED	\$35,441,201
15-S	STC GROUND SUPPORT EQUIPMENT FACILITY	HP	AWARDED	\$6,346,834
16-S	HP GENERAL CONDITIONS, FY2018 PART 1	HP	AWARDED	\$3,861,131
16S.1	HP GENERAL CONDITIONS, FY2018 PART 2	HP	AWARDED	\$1,942,581
16S.2	HP GENERAL CONDITIONS, FY2018 PART 3	HP	AWARDED	\$6,717,275
16S.3	HP GENERAL CONDITIONS, FY 2019	HP	AWARDED	\$28,326,415
16S.4	HP GENERAL CONDITIONS, FY 2020	HP	AWARDED	\$21,347,451

**PCL Awarded:
\$5,967,637**

**TK Awarded:
\$ 1,364,285,172**

**HP Awarded:
\$738,326,507**

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	21st Century Safety Corp					Construction Logistics	5019 Winwood Way,	Orlando	Isabel Perry	info@21stCenturySafety.com	321-287-7771	FL
X	21st Century Safety Corp					Architect and Engineer Services	5019 Winwood Way,	Orlando	Isabel Perry	info@21stCenturySafety.com	321-287-7771	FL
	A & A Electric Services, Inc.	X				Duct Bank	4409 N Thatcher Ave	Tampa	Frank Carpenter	fcarpenter@aaelectricsservices.com	813-872-8597	FL
	A & A Electric Services, Inc.	X				Electrical	4409 N Thatcher Ave	Tampa	Frank Carpenter	fcarpenter@aaelectricsservices.com	813-872-8597	FL
X	A & A Electric Services, Inc.	X				Site Lighting	4409 N Thatcher Ave	Tampa	Frank Carpenter	fcarpenter@aaelectricsservices.com	813-872-8597	FL
	A.C.Dellovade, Inc.					Glazing	108 Cavasina Dr	Canonsburg	Wade Stull	wade.stull@acdellovade.com	724-873-8190	PA
	A.C.Dellovade, Inc.					Metal Panels	108 Cavasina Dr	Canonsburg	Wade Stull	wade.stull@acdellovade.com	724-873-8190	PA
	A.C.Dellovade, Inc.					Miscellaneous Metals	108 Cavasina Dr	Canonsburg	Wade Stull	wade.stull@acdellovade.com	724-873-8190	PA
	A.C.Dellovade, Inc.					Roofing	108 Cavasina Dr	Canonsburg	Wade Stull	wade.stull@acdellovade.com	724-873-8190	PA
X	A.C.Dellovade, Inc.					Structural Steel	108 Cavasina Dr	Canonsburg	Wade Stull	wade.stull@acdellovade.com	724-873-8190	PA
	Aabot Fence LLC					Construction Logistics	3001 Old Winter Garden Rd	Orlando	Valerie Hamil	admin@aabotfence.com	407-207-4401	FL
X	Aabot Fence LLC					Site Improvements	3001 Old Winter Garden Rd	Orlando	Valerie Hamil	admin@aabotfence.com	407-207-4401	FL
X	ABG Caulking Contractors, Inc.					Waterproofing and Caulking	4511 South Orange Blossom Trail	Kissimmee	Wesley Greene	wg@abgcaulking.com	615-859-4935	FL
	Above All Caulking & Waterproofing					Fireproofing	4150 114th Terrace North	Clearwater	Ben Odom	bodom@aboveallcaulk.com	727-573-9771	FL
X	Above All Caulking & Waterproofing					Waterproofing and Caulking	4150 114th Terrace North	Clearwater	Ben Odom	bodom@aboveallcaulk.com	727-573-9771	FL
	Above the Sill	X				Window Treatments	745 Shamrock Blvd	Venice	Phillip Barone	phil@abovethesill.net	(941) 492-3101	FL
X	Above the Sill	X				Furnishings and Fixtures	745 Shamrock Blvd	Venice	Phillip Barone	phil@abovethesill.net	(941) 492-3101	FL
X	AC Signs LLC	X	X		X	Signage	10201 Rocket Ct., Suite 100	Orlando		alvaro@acsigns.com	407-857-5564	FL
X	Ace Applications, LLC	X	X		X	Electrical	3259 Progress Drive, Suite 152	Orlando	Courtney Powell	cpowell@aceapplications.com	877-499-2231	FL
X	Ace Staffing Inc	X	X		X	Construction Logistics	6304 Old Cheney Hwy,	Orlando	Viren Patel	viren@acestaffing.com	407-702-45	FL
X	Ackerman Plumbing, Inc.					Plumbing	2011 Whitfield Park Loop	Sarasota	Eric Ackerman	eackerman@ackermanplumbinginc.com	941-755-7448	FL
X	ACM Construction Management, LLC					Construction Logistics	5581 Canal Road	Cleveland	Laura Piroso	lpiroso@allega.com	216-447-0814	OH
	Acousti Doors & Specialties, LLC					Operable Partitions	3400 Town Point DR NW Suite 110	Kennesaw	Kristian Roskaft	kristian@acoustids.com	404-355-1331	GA
	Acousti Doors & Specialties, LLC					Coiling Grilles and Doors	3400 Town Point DR NW Suite 110	Kennesaw	Kristian Roskaft	kristian@acoustids.com	404-355-1331	GA
X	Acousti Doors & Specialties, LLC					Door Frames and Hardware	3400 Town Point DR NW Suite 110	Kennesaw	Kristian Roskaft	kristian@acoustids.com	404-355-1331	GA
	Acousti Engineering Co.					Flooring	4656 34th St SW	Orlando	Carlos Velasco	carlosvelasco@acousti.com	407-425-3467	FL
	Acousti Engineering Co.					Gypsum Drywall and Ceilings	4656 34th St SW	Orlando	Carlos Velasco	carlosvelasco@acousti.com	407-425-3467	FL
	Acousti Engineering Co.					Metal Panels	4657 34th St SW	Orlando	Carlos Velasco	carlosvelasco@acousti.com	407-425-3467	FL
X	Acousti Engineering Co.					Tile / Terrazzo	4656 34th St SW	Orlando	Carlos Velasco	carlosvelasco@acousti.com	407-425-3467	FL
X	Action Spray On Systems of Mid Florida Inc					Fireproofing	4053 Forrestral Ave #8	Orlando	Todd Griffin	tgriffin@actionfireproofing.com	407-888-2898	FL
X	Acurlite Structural Skylights, Inc.					Skylights	1017 N Vine St	Berwick	Ron Palombo	sales@acurlite.com	570-759-6882	PA
	ACY Contractors, LLC	X	X		X	General Contracting	6160 Edgewater Drive, Suite C	Orlando	Michael Young	mdyoung@acycontractors.com	407-792-2709	FL
	ACY Contractors, LLC	X	X		X	Construction Logistics	6160 Edgewater Drive, Suite C	Orlando	Michael Young	mdyoung@acycontractors.com	407-792-2709	FL
	ACY Contractors, LLC	X	X		X	Doors & Hardware	6160 Edgewater Drive, Suite C	Orlando	Michael Young	mdyoung@acycontractors.com	407-792-2709	FL
	ACY Contractors, LLC	X	X		X	Gypsum Drywall and Ceilings	6160 Edgewater Drive, Suite C	Orlando	Michael Young	mdyoung@acycontractors.com	407-792-2709	FL
X	ACY Contractors, LLC	X	X		X	Rough Carpentry	6160 Edgewater Drive, Suite C	Orlando	Michael Young	mdyoung@acycontractors.com	407-792-2709	FL
X	Adams Group					Millwork	2221 Murphy Court,	Norht Point	Ethan Adams	info@discoveradams.com	941-639-7188	FL
	ADF International Inc.					Miscellaneous Metals	1925 NW 15th St	Pompano Beach	Eric Ducharme	Eric.Ducharme@adfgroup.com	954-340-8854	FL
X	ADF International Inc.					Structural Steel	1925 NW 15th St	Pompano Beach	Eric Ducharme	Eric.Ducharme@adfgroup.com	954-340-8854	FL
X	Advanced Disposal					Construction Logistics	5722 N. Pine Hills Rd.	Orlando	Richard Kneeland	richard.kneeland@advanceddisposal.com	407-464-0664	FL
	Advanced Drainage Systems, Inc.					Site Utilities	2424 Ridgewind Way	Windermere	Ted Bickert	ted.bickert@ads-pipe.com	813-895-6856	FL
X	Advanced Drainage Systems, Inc.					Mechanical	2424 Ridgewind Way	Windermere	Ted Bickert	ted.bickert@ads-pipe.com	813-895-6856	FL
	Advanced Environmental Technologies LLC					Architect and Engineer Services	4265 New Tampa Hwy, Suite 1	Lakeland	Kim McGowan	kimmcgowan@aetllc.com	863 614 0693	FL
	Advanced Environmental Technologies LLC					Construction Logistics	4265 New Tampa Hwy, Suite 1	Lakeland	Kim McGowan	kimmcgowan@aetllc.com	863 614 0693	FL
	Advanced Environmental Technologies LLC					Earthwork Improvements	4265 New Tampa Hwy, Suite 1	Lakeland	Kim McGowan	kimmcgowan@aetllc.com	863 614 0693	FL
	Advanced Environmental Technologies LLC					Demolition	4265 New Tampa Hwy, Suite 1	Lakeland	Kim McGowan	kimmcgowan@aetllc.com	863 614 0693	FL
	Advanced Environmental Technologies LLC					Drilling	4265 New Tampa Hwy, Suite 1	Lakeland	Kim McGowan	kimmcgowan@aetllc.com	863 614 0693	FL
	Advanced Environmental Technologies LLC					Pest Control	4265 New Tampa Hwy, Suite 1	Lakeland	Kim McGowan	kimmcgowan@aetllc.com	863 614 0693	FL
	Advanced Environmental Technologies LLC					Site Utilities	4265 New Tampa Hwy, Suite 1	Lakeland	Kim McGowan	kimmcgowan@aetllc.com	863 614 0693	FL
	Advanced Environmental Technologies LLC					Special Construction	4265 New Tampa Hwy, Suite 1	Lakeland	Kim McGowan	kimmcgowan@aetllc.com	863 614 0693	FL
X	Advanced Environmental Technologies LLC					Fuel Systems	4265 New Tampa Hwy, Suite 1	Lakeland	Kim McGowan	kimmcgowan@aetllc.com	863 614 0693	FL
	Advanced IT Concepts, Inc.	X			X	Architect and Engineer Services	1351 Sundial Point	Winter Springs	Carmen Lamothe	carmen.lamothe@aitcinc.com	407-914-2484	FL
	Advanced IT Concepts, Inc.	X			X	Building Equipment	1351 Sundial Point	Winter Springs	Carmen Lamothe	carmen.lamothe@aitcinc.com	407-914-2484	FL
X	Advanced IT Concepts, Inc.	X			X	Low Voltage Systems	1351 Sundial Point	Winter Springs	Carmen Lamothe	carmen.lamothe@aitcinc.com	407-914-2484	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	Advanced Millwork					Millwork	2645 Regent Avenue	Orlando	Jessica Greathouse	jessicag@advancedmillwork.net	407-294-1927	FL
X	Advanced Roofing, Inc.					Roofing	1950 NW 22nd Street	Fort Lauderdale	Debbie Giuliani	debbieg@advancedroofing.com	954-522-6868	FL
X	Aerial Innovations, Inc.	X			X	Construction Logistics	3703 West Azeele Street	Tampa	Colette Eddy	colette@aerialinnovations.com	813-254-7339	FL
X	Aero Bridgeworks, Inc.					Conveying Systems	2700 Delk Rd SE, 100	Marietta	Michael Madlock	mike@aerobridgeworks.net	770-234-4200	GA
X	AG Mauro Co.					Doors & Hardware	1221 Bernard Dr	Baltimore		estimating@agmauro-balt.com	410-233-2500	MD
	Aireko Energy Solutions US, LLC					Electrical	2415 W Sand Lake Rd	Orlando	Fernando Francia	fnfrancia@aireko.com	407-706-2800	FL
	Aireko Energy Solutions US, LLC					Low Voltage Systems	2415 W Sand Lake Rd	Orlando	Fernando Francia	fnfrancia@aireko.com	407-706-2800	FL
X	Aireko Energy Solutions US, LLC					Architect and Engineer Services	2415 W Sand Lake Rd	Orlando	Fernando Francia	fnfrancia@aireko.com	407-706-2800	FL
X	Ajax Paving Industries, Inc.					Paving	1957 Crooks Rd, Suite A	Troy	Samuel Joiner	sjoiner@ajaxpaving.com	(248) 244-3300	MI
	All Weather Contractors, Inc.					General Contracting	7749 Normandy Blvd. 145-347,	Jacksonville	David Daly	Ddaly@allweathercontractors.com	904-781-7060	FL
X	All Weather Contractors, Inc.					Mechanical	7749 Normandy Blvd. 145-347,	Jacksonville	David Daly	Ddaly@allweathercontractors.com	904-781-7060	FL
X	Allegiance Global Construction, LLC	X				General Contracting	2255 Glades Rd, Suite 324A	Boca Raton	Brandon Allen	ballen@allegiancegc.com	(888) 312-0048	FL
X	Alliance Design & Construction, Inc.		X			Architect and Engineer Services	P.O. Box 1296	Winter Park	Doug Sangster	dsangster@alliance-dci.com	407-467-8833	FL
	Allied Door & Hardware Co Inc DBA Overhead Door Co of Brevard					Coiling Grilles and Doors	1465 Cox Rd	Cocoa	Estimating Department	bids@allieddoors.com	321-639-6372	FL
X	Allied Door & Hardware Co Inc DBA Overhead Door Co of Brevard					Doors Frames and Hardware	1465 Cox Rd	Cocoa	Estimating Department	bids@allieddoors.com	321-639-6372	FL
	All-Rite Fence Co.					Construction Logistics	5115 Old Winter Garden Rd	Orlando	Amy Fry	all-rite@allritefence.com	407-295-7093	FL
X	All-Rite Fence Co.					Site Improvements	5115 Old Winter Garden Rd	Orlando	Amy Fry	all-rite@allritefence.com	407-295-7093	FL
X	Alpha Cladding, LLC					Glazing	3403 NW 82nd Ave, 300	Doral	Juan Alpizar	jalpizar@alphacladding.com	786-615-4245	FL
	Alpha Insulation & Waterproofing Inc					Fireproofing	955 Charles St, Unit 101A	Longwood	Kory Besaw	kbesaw@alphaiwp.com	407-379-9300	FL
	Alpha Insulation & Waterproofing Inc					Traffic Topping / Sealer	955 Charles St, Unit 101A	Longwood	Kory Besaw	kbesaw@alphaiwp.com	407-379-9300	FL
X	Alpha Insulation & Waterproofing Inc					Waterproofing and Caulking	955 Charles St, Unit 101A	Longwood	Kory Besaw	kbesaw@alphaiwp.com	407-379-9300	FL
X	Altair Enviromental Group					Site Utilities	710 S Milwee St	Longwood	Kevin Dalgarno	Dpeterkin@altairenvironmental.com	407-339-7134	FL
	Altamonte Glass & Mirror, Inc.	X				Glazing	6001 Cinderlane Pkwy	Orlando	Brian Fitzgerald	brian@altamonteglass.com	407-770-1400	FL
X	Altamonte Glass & Mirror, Inc.	X				Skylights	6001 Cinderlane Pkwy	Orlando	Brian Fitzgerald	brian@altamonteglass.com	407-770-1400	FL
X	AM Commercial & Residential Cleaning					Construction Logistics	6710 Bougainville Ave S	St. Petersburg	Michelle Gisler	amrcsfl@gmail.com	813-508-0275	FL
X	Ambient Technologies, Inc.	X			X	Survey	4610 Central Ave, Suite A	St. Petersburg	Albert F Rodriguez	albert@ambienttech.com	727-328-0268	FL
X	Ameribridge LLC					Conveying Systems	5425 Poindexter Dr,	Indianapolis	James Duchan	james.duchan@ameribridgeinc.com	317-636-2000	IN
	American Blueprinting & Supply, Inc. dba American Graphix Solutions	X				Architect and Engineer Services	750 Clay St	Orlando	Nick Spence	nick@agsorlando.com	407-644-5366	FL*
	American Blueprinting & Supply, Inc. dba American Graphix Solutions	X				Signage	750 Clay St	Orlando	Nick Spence	nick@agsorlando.com	407-644-5366	FL*
X	American Blueprinting & Supply, Inc. dba American Graphix Solutions	X				Construction Logistics	750 Clay St	Orlando	Nick Spence	nick@agsorlando.com	407-644-5366	FL*
X	American Direct Procurement, Inc.					Doors & Hardware	11000 Lakeview Ave,	Lenexa	Estimating Dept	adpplans@americandirectco.com	913-677-5588	KS
X	American Eagle Veteran Contracting, LLC					Cast In Place Concrete	126 Dirksen Dr	Debary	Estimating Dept	Cprice@veteran-contracting.com	386-753-1776	FL
	American Platinum Builders Inc					Carpentry	1966 W New Hampshire St, Suite E	Orlando	Theresa Brush	tbrush@apbuilders.co	(407) 674-7045	FL
	American Platinum Builders Inc					Gypsum Drywall and Ceilings	1966 W New Hampshire St, Suite E	Orlando	Theresa Brush	tbrush@apbuilders.co	(407) 674-7045	FL
X	American Platinum Builders Inc					Painting	1966 W New Hampshire St, Suite E	Orlando	Theresa Brush	tbrush@apbuilders.co	(407) 674-7045	FL
X	Anthony Allega Cement Contractors Inc.					General Contracting	5585 Canal Rd	Cleveland	Gary Thomas	gthomas@allega.com	(216) 867-1345	OH
X	Apex Security and Covention Services, Inc.	X				Construction Logistics	3700 Commerce Blvd,	Kissimmee	John Murphy	jjr@apexsecurityinc.com	407-846-1435	FL
X	Arazoza Brothers Corporation	X				Landscaping	15901 SW 242 St	Homestead	Vanessa Ygualada	vy@arazozabrothers.com	305-246-3223	FL
	Archer Western Construction, LLC					Cast In Place Concrete	4343 Anchor Plaza Pkwy, Suite 155	Tampa	Billy Jones	bjones@walshgroup.com	813-849-7500	FL
	Archer Western Construction, LLC					Earthwork Improvements	4343 Anchor Plaza Pkwy, Suite 155	Tampa	Billy Jones	bjones@walshgroup.com	813-849-7500	FL
	Archer Western Construction, LLC					General Contracting	4343 Anchor Plaza Pkwy, Suite 155	Tampa	Billy Jones	bjones@walshgroup.com	813-849-7500	FL
	Archer Western Construction, LLC					Paving	4343 Anchor Plaza Pkwy, Suite 155	Tampa	Billy Jones	bjones@walshgroup.com	813-849-7500	FL
	Archer Western Construction, LLC					Precast	4343 Anchor Plaza Pkwy, Suite 155	Tampa	Billy Jones	bjones@walshgroup.com	813-849-7500	FL
	Archer Western Construction, LLC					Site Improvements	4343 Anchor Plaza Pkwy, Suite 155	Tampa	Billy Jones	bjones@walshgroup.com	813-849-7500	FL
	Archer Western Construction, LLC					Site Structures	4343 Anchor Plaza Pkwy, Suite 155	Tampa	Billy Jones	bjones@walshgroup.com	813-849-7500	FL
	Archer Western Construction, LLC					Site Utilities	4343 Anchor Plaza Pkwy, Suite 155	Tampa	Billy Jones	bjones@walshgroup.com	813-849-7500	FL
X	Archer Western Construction, LLC					Structural Steel	4343 Anchor Plaza Pkwy, Suite 155	Tampa	Billy Jones	bjones@walshgroup.com	813-849-7500	FL
X	Architectural Graphics, Inc.					Signage	396 Alhambra Cir #500	Coral Gables	William Clark	wclark@agisign.com	800-877-7868	FL
	Ardaman & Associates, Inc.					Architect and Engineer Services	8008 South Orange Ave	Orlando	D Vance	dvance@ardaman.com	407-855-3860	FL
X	Ardaman & Associates, Inc.					Testing And Inspection	8008 South Orange Ave	Orlando	D Vance	dvance@ardaman.com	407-855-3860	FL
X	Argos					Building Materials	5109 Carder Rd, Orlando	Orlando	Kevin McCoy	kmccoy@argos-us.com	407-467-9672	FL
X	Artistic Surfaces					Tile / Terrazzo	1591 N Powerline Rd	Pompano Beach	Bruce Carney	brucec@artisticsurfaces.com	954-968-1700	FL
	Aspen Services, Inc.					Paving	16445 County Rd 455, Unit 2	Montverde	John Wood	john@ramstripping.com	(407) 892-1411	FL
X	Aspen Services, Inc.					Site Improvements	16445 County Rd 455, Unit 2	Montverde	John Wood	john@ramstripping.com	(407) 892-1411	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Associated Cost Engineers, Inc. of Delaware	X	X		X	Cast In Place Concrete	801 North Pine Hills Road	Orlando	Jaja Wade	jwade@aceconstructionmanagement.com	321-689-2680	FL
X	Associated Cost Engineers, Inc. of Delaware	X	X		X	Pile Foundations	801 North Pine Hills Road	Orlando	Jaja Wade	jwade@aceconstructionmanagement.com	321-689-2680	FL
X	Atlantic Concrete Washout, Inc					Construction Logistics	1945 County Rd 419, Suite 1141-206	Oviedo	Kyle Swyear	kyles@acwncw.com	407-737-1140	FL
X	Attaway Services, Inc.					Site Utilities	801 SE 28th St	Fort Lauderdale	Troy Brown	tbrown@attawayservices.com	954-462-2920	FL
X	ATW Communications	X				Low Voltage Systems	6649 Amory Ct, Suite 12	Winter Park	Omar Hernandez	omar@atwcommunications.com	407-673-9393	FL
	Automatic Systems, Inc. (ASI)					Vertical Transportation	9230 East 47th St	Kansas City	Phillip Nguyen	phillip.nguyen@asi.com	(816) 356-0660	MO
X	Automatic Systems, Inc. (ASI)					Special Construction	9230 East 47th St	Kansas City	Phillip Nguyen	phillip.nguyen@asi.com	(816) 356-0660	MO
	B & I Contractors, Inc.					Electrical	2701 Prince St	Fort Myers	Jason Grabowski	JGrabowski@bandiflorida.com	239-332-4646	FL
	B & I Contractors, Inc.					Mechanical	2701 Prince St	Fort Myers	Jason Grabowski	JGrabowski@bandiflorida.com	239-332-4646	FL
X	B & I Contractors, Inc.					Plumbing	2701 Prince St	Fort Myers	Jason Grabowski	JGrabowski@bandiflorida.com	239-332-4646	FL
	B&M Masonry, Inc.					Cast in Place Concrete	123939 Carlington Ln	Riverview		bmmry@comcast.net	877-280-0927	FL
X	B&M Masonry, Inc.					Masonry	123939 Carlington Ln	Riverview		bmmry@comcast.net	877-280-0927	FL
	Baker Concrete Construction, Incorporated					Cast in Place Concrete	1540 Aber Rd	Orlando	Joe Orr	orrjm@bakerconcrete.com	407-736-9900	FL
X	Baker Concrete Construction, Incorporated					Hoisting	1540 Aber Rd	Orlando	Joe Orr	orrjm@bakerconcrete.com	407-736-9900	FL
X	Bandit Wildlife Management/Avian Flyaway Inc					Bird Control	5 Geiger Road	Key West	Lloyd Rutschman	info@avianflyawayinc.com	972-771-6679	FL
	Banker Steel Company, LLC					Miscellaneous Metals	1619 Wythe Rd	Lynchburg	John Omran	JOmran@bankerSteel.com	434-847-4575	VA
X	Banker Steel Company, LLC					Structural Steel	1619 Wythe Rd	Lynchburg	John Omran	JOmran@bankerSteel.com	434-847-4575	VA
X	Baron Sign	X			X	Signage	900 W 13th St	West Palm Beach	Sandra Foland	EstDept@baronsign.com	561-863-7446	FL
X	Barton Malow Company					Hoisting	5337 Millenia Lakes Blvd, Suite 235	Orlando		michael.thornton@bartonmalow.com	407-325-8880	FL
X	Bauer Foundations Corp.					Pile Foundations	13203 Byrd Legg Dr	Odessa	Russell Cooper	russell.cooper@bauerfoundations.com	727-531-2577	FL
X	Bauwerk Safety Systems, LLC					Building Equipment	394 W Main St, Suite B-11	Hendersonville	Mark Knuebel	mark@bauwerksafety.com	615-992-1136	TN
X	Bay to Bay Balancing, Inc.					Test And Balance	14819 N 12th St	Lutz	Debbie Long	debbie@bay2bay.net	321-363-0727	FL
	BC Industries					Glazing	5008 Tampa West Blvd.	Tampa	Javier Mestres	jmestres@bcindustries.com	813-886-0240	FL
X	BC Industries					Skylights	5008 Tampa West Blvd.	Tampa	Javier Mestres	jmestres@bcindustries.com	813-886-0240	FL
X	Beck Steel Inc.					Structural Steel	401 N Loop 289	Lubbock	Elda Hernandez	elda.hernandez@becksteel.com	806-762-3255	TX
	Bergelectric Corp.					Duct Bank	121 S Orange Ave, Suite 1500	Orlando	Zach Frye	zfrye@bergelectric.com	407-832-1152	FL
	Bergelectric Corp.					Electrical	121 S Orange Ave, Suite 1500	Orlando	Zach Frye	zfrye@bergelectric.com	407-832-1152	FL
	Bergelectric Corp.					Low Voltage Systems	121 S Orange Ave, Suite 1500	Orlando	Zach Frye	zfrye@bergelectric.com	407-832-1152	FL
X	Bergelectric Corp.					Site Specialties	121 S Orange Ave, Suite 1500	Orlando	Zach Frye	zfrye@bergelectric.com	407-832-1152	FL
	Berkel & Company Contractors, Inc.					Pile Foundations	3702 Rogers Industrial Park Rd	Okahumpka	Chris Chinopulos	cchinopulos@berkelandcompany.com	352-365-4308	FL
X	Berkel & Company Contractors, Inc.					Pressure Grout Soil Improvements	3702 Rogers Industrial Park Rd	Okahumpka	Chris Chinopulos	cchinopulos@berkelandcompany.com	352-365-4308	FL
X	Best Rolling MFG					Coiling Grilles and Doors	9780 NW 79th Ave	Hialeah Gardens	Fredy Lopez	flopez@bestrollingmfg.com	305-821-6607	FL
	Birdair, Inc.					Miscellaneous Metals	65 Lawrence Bell Dr, Suite 100	Amherst		dcapuzzuto@birdair.com	800-622-2246	NY
	Birdair, Inc.					Structural Steel	65 Lawrence Bell Dr, Suite 100	Amherst		dcapuzzuto@birdair.com	800-622-2246	NY
X	Birdair, Inc.					Tensile Fabric Canopies	65 Lawrence Bell Dr, Suite 100	Amherst		dcapuzzuto@birdair.com	800-622-2246	NY
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Cast In Place Concrete	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Construction Logistics	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Doors & Hardware	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Guard Rails & Barriers	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Gypsum Drywall and Ceilings	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Paving	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Rough Carpentry	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Site Specialties	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Tile / Terrazzo	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Waterproofing and Caulking	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
X	Black & Son Remodeling LLC dba Black & Son LLC	X	X		X	Cementious Siding	519 Royal Palm Drive	Kissimmee	Zaheer Black	blacksonremodeling@gmail.com	321-438-4653	FL
X	Blu Site Solutions of North Florida, Inc.					Construction Logistics	2815 Powers Ave	Jacksonville	Carlos Guadalupe	cguadalupe@blusitesolutions.com	800-682-7023	FL*
X	Blue Cord Design and Construction, LLC			X		General Contracting	1837 Edgewater Drive	Orlando		mwaldrop@blue-cord.com	407-425-1390	FL
X	Bob's Barricades, Inc					Site Specialties	2020 Diversified Way	Orlando	John Baldwin	jbaldwin@bobsbarricades.com	(407) 855-7186	FL
X	Bolt Construction					Fuel Systems	PO Box 5470	Youngstown	Robert Frommell	rfrommell@boltconstruction.cc	330-549-0349	OH
X	Bormon Construction, Inc.					Masonry	981 U.S. 98,	Destin	Reno Montoya	Renom@bormonconstruction.com	205-223-1951	FL
	Bradleigh Applications, Inc					Cementious Siding	2144 Priest Bridge Ct, Suite 6	Crofton	Jeff Kemp	bids@bradleighapplications.com	410-489-7503	MD
X	Bradleigh Applications, Inc					Gypsum Drywall and Ceilings	2144 Priest Bridge Ct, Suite 6	Crofton	Jeff Kemp	bids@bradleighapplications.com	410-489-7503	MD
	Brasfield & Gorrie, LLC					Cast In Place Concrete	941 W Morse Blvd, Suite 200	Winter Park	Michelle Carpenter	mcarpenter@brasfieldgorrie.com	407-562-4500	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Brasfield & Gorrie, LLC					General Contracting	941 W Morse Blvd, Suite 200	Winter Park	Michelle Carpenter	mcarpenter@brasfieldgorrie.com	407-562-4500	FL
	Brasfield & Gorrie, LLC					Hoisting	941 W Morse Blvd, Suite 200	Winter Park	Michelle Carpenter	mcarpenter@brasfieldgorrie.com	407-562-4500	FL
X	Brasfield & Gorrie, LLC					Site Utilities	941 W Morse Blvd, Suite 200	Winter Park	Michelle Carpenter	mcarpenter@brasfieldgorrie.com	407-562-4500	FL
	Brevard Concrete Paving, Inc.					Cast In Place Concrete	133 Ocean Garden Ln	Cape Canaveral	Jerod Lawrimore	jerod@brevardconcretepaving.com	(321) 543-0607	FL
X	Brevard Concrete Paving, Inc.					Paving	133 Ocean Garden Ln	Cape Canaveral	Jerod Lawrimore	jerod@brevardconcretepaving.com	(321) 543-0607	FL
X	Bright Future Electric, LLC					Electrical	630 Maguire Rd	Ocoee	Andrew Heintzelman	andrewh@brifutelectric.com	407-654-0155	FL
	BrightView Landscapes, LLC					Landscaping	320 North Mission Road	Orlando	Jake Statham	jake.statham@brightview.com	407-296-7100	FL
	BrightView Landscapes, LLC					Site Improvements	320 North Mission Road	Orlando	Melissa Pellemounter	melissa.milano@brightview.com	407-296-7100	FL
X	Brundage-Bone Concrete Pumping, Inc.					Hoisting	15520 Capital Port	San Antonio	Katie Norton	katiennorton@brundagebone.com	404-762-9633	TX
	Builder Services Group, Inc DBA Santa Rosa Insulation and Fireproofing					Fireproofing	6130 NW 74th Ave	Miami	Mike Dominguez	mike.dominguez@truteam.com	305-592-5249	FL
X	Builder Services Group, Inc DBA Santa Rosa Insulation and Fireproofing					Insulation	6130 NW 74th Ave	Miami	Mike Dominguez	mike.dominguez@truteam.com	305-592-5249	FL
X	Building It Green Consulting	X				LEED Consultant	463688 FL-200, Suite 1-148	Yulee	Ashley Powell	ashley.powell@buildingitgreenconsulting.com	904-310-0798	FL
X	Busto Plumbing Services, Inc.				X	Plumbing	1702 West Saint Louis St	Tampa	David Crosby	david@bustoplumbing.com	(813) 251-1061	FL
X	C.T. Windows d.b.a. Architectural Aluminum Techniques	X				Glazing	9195 Boggy Creek Rd, Ste 1	Orlando	Frank D'Aprile	frank@aatctw.net	407-857-9237	FL
X	CAD Concepts of Ohio, Inc. dba Cad Concepts, Inc.	X			X	Construction Logistics	4767 New Broad St,	Orlando	Jack Ray	Jack@ccitechs.com	407-276-4246	FL
	Campolong Enterprises, Inc. dba DH Striping Co.					Paving	750 Clark St	Oviedo	Bruce Hess	sales@dhstriping.com	407-359-1172	FL
	Campolong Enterprises, Inc. dba DH Striping Co.					Striping	750 Clark St	Oviedo	Bruce Hess	sales@dhstriping.com	407-359-1172	FL
X	Campolong Enterprises, Inc. dba DH Striping Co.					Traffic Topping / Sealer	750 Clark St	Oviedo	Bruce Hess	sales@dhstriping.com	407-359-1172	FL
	Candela Controls, Inc					Electrical	751 Business Park Blvd, Suite 101	Winter Garden	Bill Ellis	bellis@candelacontrols.com	407-654-2420	FL
X	Candela Controls, Inc					Building Equipment	751 Business Park Blvd, Suite 101	Winter Garden	Bill Ellis	bellis@candelacontrols.com	407-654-2420	FL
	Cape Enviromental Management Inc					Earthwork Improvements	500 Pinnacle Ct, Suite 100	Norcross	Monica Cooper	mcooper@cape-inc.com	210-377-2008	GA
	Cape Enviromental Management Inc					Fuel Systems	500 Pinnacle Ct, Suite 100	Norcross	Monica Cooper	mcooper@cape-inc.com	210-377-2008	GA
	Cape Enviromental Management Inc					Painting	500 Pinnacle Ct, Suite 100	Norcross	Monica Cooper	mcooper@cape-inc.com	210-377-2008	GA
	Cape Enviromental Management Inc					Site Structures	500 Pinnacle Ct, Suite 100	Norcross	Monica Cooper	mcooper@cape-inc.com	210-377-2008	GA
	Cape Enviromental Management Inc					Site Utilities	500 Pinnacle Ct, Suite 100	Norcross	Monica Cooper	mcooper@cape-inc.com	210-377-2008	GA
X	Cape Enviromental Management Inc					Waterproofing and Caulking	500 Pinnacle Ct, Suite 100	Norcross	Monica Cooper	mcooper@cape-inc.com	210-377-2008	GA
X	Carnahan, Proctor and Cross, Inc.					Architect and Engineer Services	3525 N Courtenay Pkwy	Merrit Island	Donna Hagedorn	Dhagedorn@cpc-eng.com	321-229-6821	FL
	Carros Metal Concepts, Inc					Miscellaneous Metals	2525 Richardson Rd	Villa Rica	Chris	chris@carrosmetal.com	770-577-9301	GA
X	Carros Metal Concepts, Inc					Metal Panels	2525 Richardson Rd	Villa Rica	Chris	chris@carrosmetal.com	770-577-9301	GA
	Carter Electric					Electrical	2455 West Orange Blossom Trail	Apopka	Travis Bumgarner	travis@carter-electric.com	407-814-2677	FL
X	Carter Electric					Low Voltage Systems	2455 West Orange Blossom Trail	Apopka	Travis Bumgarner	travis@carter-electric.com	407-814-2677	FL
	Case Atlantic Company					Pile Foundations	4585 140th Ave North, Suite 1012	Clearwater	Lisa Biglin	LGBiglin@caseatlantic.com	727-572-7740	FL
X	Case Atlantic Company					Pressure Grout Soil Improvements	4585 140th Ave North, Suite 1012	Clearwater	Lisa Biglin	LGBiglin@caseatlantic.com	727-572-7740	FL
	Castle Constructors Company	X	X		X	Cast in Place Concrete	5850 T.G. Lee Blvd, Suite 205	Orlando	Rey Lorenzo	rlorenzo@castleconstruc.com	407-888-1195	FL
	Castle Constructors Company	X	X		X	Hoisting	5850 T.G. Lee Blvd, Suite 205	Orlando	Rey Lorenzo	rlorenzo@castleconstruc.com	407-888-1195	FL
	Castle Constructors Company	X	X		X	Masonry	5850 T.G. Lee Blvd, Suite 205	Orlando	Rey Lorenzo	rlorenzo@castleconstruc.com	407-888-1195	FL
X	Castle Constructors Company	X	X		X	Paving	5850 T.G. Lee Blvd, Suite 205	Orlando	Rey Lorenzo	rlorenzo@castleconstruc.com	407-888-1195	FL
X	Castle Group Construction Inc.					Cementitious Siding	719 Brookhaven Dr	Orlando	Jennifer Finely	office.castlegroup@gmail.com	407-413-5845	FL*
	Castone Corporation					Precast	1511 Old Columbus Rd	Opelika	Barry Foate	BFoate@castonecorp.com	334-745-3571	AL
X	Castone Corporation					Precast	1511 Old Columbus Rd	Opelika	Barry Foate	BFoate@castonecorp.com	334-745-3571	AL
X	Cat & I, LLC					Demolition	4981 Enterprise Dr	Kissimmee	Daniel DeBra	daniel@catandi.com	407-654-7574	FL
	Cavotec Inet US inc.					Conveying Systems	5665 Corporate Ave	Cypress	Patricia Cabarcos	patricia.cabarcos@cavotec.com	305-240-0952	CA
	Cavotec Inet US inc.					Electrical	5665 Corporate Ave	Cypress	Patricia Cabarcos	patricia.cabarcos@cavotec.com	305-240-0952	CA
	Cavotec Inet US inc.					Fuel Systems	5665 Corporate Ave	Cypress	Patricia Cabarcos	patricia.cabarcos@cavotec.com	305-240-0952	CA
	Cavotec Inet US inc.					HVAC Equipment	5665 Corporate Ave	Cypress	Patricia Cabarcos	patricia.cabarcos@cavotec.com	305-240-0952	CA
X	Cavotec Inet US inc.					Mechanical	5665 Corporate Ave	Cypress	Patricia Cabarcos	patricia.cabarcos@cavotec.com	305-240-0952	CA
	CCK Construction Services, Inc.					Cast in Place Concrete	6250 Hazeltine National Dr, Suite 106	Orlando	Jason Grafton	cckestimating@cckservices.com	407-472-9700	FL
X	CCK Construction Services, Inc.					Hoisting	6250 Hazeltine National Dr, Suite 106	Orlando	Jason Grafton	cckestimating@cckservices.com	407-472-9700	FL
X	CDPW Inc.					Dewatering	710 West Park Ave	Edgewater	Rob Roberts	RRoberts@CDPWInc.com	386-426-1345	FL
	Ceco Concrete Construction, LLC					Cast in Place Concrete	3218 Parkside Center Circle	Tampa	Chad Anast	chad.anast@cecoconcrete.com	813-622-8080	FL
X	Ceco Concrete Construction, LLC					Hoisting	3218 Parkside Center Circle	Tampa	Chad Anast	chad.anast@cecoconcrete.com	813-622-8080	FL
X	Celtec Games, Inc. bda CG SolutionsGroup	X	X		X	IT Support	4046 N Goldenrod Rd #271,	Winter Park	Gerard Merritt	gerard@cgsolutionsgroup.com	407-476-3590	FL
	Cemex					Building Materials	3626 Quadrangle Blvd,	Orlando	David Nabavi	david.nabavi@cemex.com	407-243-5300	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	Cemex					Ready Mix Concrete	3626 Quadrangle Blvd,	Orlando	David Nabavi	david.nabavi@cemex.com	407-243-5300	FL
	Central Florida Construction Walls, Inc.	X			X	Cast In Place Concrete	PO Box 620815	Orlando	Manuel Quilli	cfconst@gmail.com	(407) 377-7170	FL
	Central Florida Construction Walls, Inc.	X			X	Masonry	PO Box 620815	Orlando	Manuel Quilli	cfconst@gmail.com	(407) 377-7170	FL
X	Central Florida Construction Walls, Inc.	X			X	Cementitious Siding	PO Box 620815	Orlando	Manuel Quilli	cfconst@gmail.com	(407) 377-7170	FL
	Certified Finishes Inc					Access Flooring	4455 Dardanelle Dr	Orlando	DOMICIANO PEREZ	JPEREZ@CERTIFIEDFINISHES.COM	407-335-5171	FL
	Certified Finishes Inc					Flooring	4455 Dardanelle Dr	Orlando	DOMICIANO PEREZ	JPEREZ@CERTIFIEDFINISHES.COM	407-335-5171	FL
X	Certified Finishes Inc					Tile / Terrazzo	4455 Dardanelle Dr	Orlando	DOMICIANO PEREZ	JPEREZ@CERTIFIEDFINISHES.COM	407-335-5171	FL
	Certified Network Professionals, Inc.				X	IT Support	15757 Pines Blvd, 273	Penbroke Pines	Orlando Suero	ogsuero@cnetpro.net	954-610-0443	FL
X	Certified Network Professionals, Inc.				X	Low Voltage Systems	15757 Pines Blvd, 273	Penbroke Pines	Orlando Suero	ogsuero@cnetpro.net	954-610-0443	FL
	Champion Painting Specialty Services Corp.	X			X	Painting	130 SW 22nd St	Fort Lauderdale	Kyle Hough	kyle@champpainting.com	954-462-9079	FL
X	Champion Painting Specialty Services Corp.	X			X	Traffic Topping / Sealer	130 SW 22nd St	Fort Lauderdale	Kyle Hough	kyle@champpainting.com	954-462-9079	FL
X	Chandler Signs, LP, LLP					Signage	2584 Sand Hill Point Circle	Davenport		inquiriesFL@chandlersigns.com	863-420-1100	FL
	Cherokee Enterprises, Inc.	X			X	Cast In Place Concrete	14474 Commerce Way	Miami Lakes	Amanuel Worku	aw@cherokeecorp.com	305-828-3353	FL
	Cherokee Enterprises, Inc.	X			X	Concrete Finishing	14474 Commerce Way	Miami Lakes	Amanuel Worku	aw@cherokeecorp.com	305-828-3353	FL
	Cherokee Enterprises, Inc.	X			X	Earthwork Improvements	14474 Commerce Way	Miami Lakes	Amanuel Worku	aw@cherokeecorp.com	305-828-3353	FL
	Cherokee Enterprises, Inc.	X			X	Fuel Systems	14474 Commerce Way	Miami Lakes	Amanuel Worku	aw@cherokeecorp.com	305-828-3353	FL
	Cherokee Enterprises, Inc.	X			X	Mechanical	14474 Commerce Way	Miami Lakes	Amanuel Worku	aw@cherokeecorp.com	305-828-3353	FL
	Cherokee Enterprises, Inc.	X			X	Paving	14474 Commerce Way	Miami Lakes	Amanuel Worku	aw@cherokeecorp.com	305-828-3353	FL
X	Cherokee Enterprises, Inc.	X			X	Site Utilities	14474 Commerce Way	Miami Lakes	Amanuel Worku	aw@cherokeecorp.com	305-828-3353	FL
	Chewing & Wilmer					Electrical	2508 Mechanicsville Turnpike	Richmond	Michael Stone	michael.stone@cw1924.com	804-231-7373	VA
X	Chewing & Wilmer					Low Voltage Systems	2508 Mechanicsville Turnpike	Richmond	Michael Stone	michael.stone@cw1924.com	804-231-7373	VA
	Cives Steel Company					Miscellaneous Metals	102 Airport Road	Thomasville	Bill Hales	bhales@cives.com	229-228-9780	GA
X	Cives Steel Company					Structural Steel	102 Airport Road	Thomasville	Bill Hales	bhales@cives.com	229-228-9780	GA
X	CKB Cleaning Service LLC					Construction Logistics	1815 4th St NW,	Winter Haven	Darrell Chapper	Darrell.Chapper@gmail.com	863-709-4810	FL
	Cladding Systems, Inc.	X				Metal Panels	3218 E 4th Ave	Tampa	Chad McCollough	chad@cladsys.com	813-250-0786	FL
X	Cladding Systems, Inc.	X				Miscellaneous Metals	3218 E 4th Ave	Tampa	Chad McCollough	chad@cladsys.com	813-250-0786	FL
X	CleanAbel National Shine, LLC					Construction Logistics	30606 Double Dr	Wesley Chapel	Katie Abel	cleanabel@gmail.com	813-479-8014	FL
	Clear Horizon Ventures Company dba Petersen Metals					Guard Rails & Barriers	9410 Eden Ave	Hudson	Tyler Kelshaw	sales@petersenmetals.com	727-372-1100	FL
X	Clear Horizon Ventures Company dba Petersen Metals					Miscellaneous Metals	9410 Eden Ave	Hudson	Tyler Kelshaw	sales@petersenmetals.com	727-372-1100	FL
	Cleveland Construction, Inc. of Nevada dba Cleveland Construction, Inc.					Cementitious Siding	1650 Southeast 17th Street Suite 212	Ft. Lauderdale	Neal Keller	nealk@clevelandconstruction.com	954-533-3672	FL
X	Cleveland Construction, Inc. of Nevada dba Cleveland Construction, Inc.					Gypsum Drywall and Ceilings	1650 Southeast 17th Street Suite 212	Ft. Lauderdale	Neal Keller	nealk@clevelandconstruction.com	954-533-3672	FL
X	Cleveland Electric Co.					Electrical	1281 Fulton Industrial Blvd NW	Atlanta	Vann Cleveland	VannC@clevelandgroup.com	404-696-4550	GA
	Coastal Mechanical Services, LLC					Mechanical	394 East Drive	Melbourne	Keith Kunkel	kkunkel@coastalmechanical.com	321-725-3061	FL
X	Coastal Mechanical Services, LLC					Plumbing	394 East Drive	Melbourne	Keith Kunkel	kkunkel@coastalmechanical.com	321-725-3061	FL
X	Collage Design and Construction Group					General Contracting	585 Technology Park	Lake Mary	Rob Maphis	rmaphis@collage-usa.com	407-973-6970	FL
	Collis Roofing, Inc.					Roofing	485 Commerce Way	Longwood		wfulton@collisroofing.com	321-441-2300	FL
X	Collis Roofing, Inc.					Skylights	485 Commerce Way	Longwood		wfulton@collisroofing.com	321-441-2300	FL
	Comelco, Inc.	X			X	Electrical	410 North St, Suite 130	Longwood		jesse@comelcoinc.com	407-830-5884	FL
X	Comelco, Inc.	X			X	Site Lighting	410 North St, Suite 130	Longwood		jesse@comelcoinc.com	407-830-5884	FL
X	Commercial Fence Contractors, Inc.					Site Improvements	1610 N Goldenrod Rd	Orlando	Scott Savage	scott.savage@orlandoSteel.com	407-277-8734	FL
X	ComNet Communications, LLC					Low Voltage Systems	10475 Fortune Pkwy #101	Jacksonville	Will Petrelli	wpetrelli@comnetcomm.com	904-504-4180	FL
X	Competitive Edge Partners	X	X		X	Construction Logistics	618 Wymore Rd	Winter Park	Debbie Rodriguez	drodiguez@compedgellc.com	407-271-2704	FL
X	Complete Dewatering Pumps & Wellpoints, Inc.					Earthwork Improvements	710 West Park Ave	Edgewater	Amy Fletcher	afletcher@cdpwinc.com	386-426-1345	FL
	Comprehensive Energy Services, Inc.				X	Mechanical	777 Bennett Dr	Longwood	Kimberly Lee	estimating@cesmechanical.com	407-682-1313	FL
X	Comprehensive Energy Services, Inc.				X	Plumbing	777 Bennett Dr	Longwood	Kimberly Lee	estimating@cesmechanical.com	407-682-1313	FL
X	Concrete Services					Cast In Place Concrete	10527 100th St S,	Boynton Beach	Rick Kontos	rickkontos@concreteservices.net	772-370-0974	FL
X	Condor Construction, Corp.					Pest Control	1800 Pembrook Dr #300	Orlando	Luis Pinzon	luis.pinzon@condorcorp.us	407-895-2568	FL
X	Contech Construction Company					Building Materials	8615 Commodity Cir, Suite 5	Orlando	Peter Gallo	Pgallo@conteches.com	813-294-5913	FL
	ConTech Construction, LLC	X				Cast In Place Concrete	701 West Plant Street	Winter Garden	Ken Breeding	ken@contechteam.com	407-905-8001	FL
	ConTech Construction, LLC	X				Concrete Finishing	700 West Plant Street	Winter Garden	Ken Breeding	ken@contechteam.com	407-905-8000	FL
	ConTech Construction, LLC	X				Construction Logistics	700 West Plant Street	Winter Garden	Ken Breeding	ken@contechteam.com	407-905-8000	FL
	ConTech Construction, LLC	X				Hoisting	700 West Plant Street	Winter Garden	Ken Breeding	ken@contechteam.com	407-905-8000	FL
X	ConTech Construction, LLC	X				Retaining Walls	700 West Plant Street	Winter Garden	Ken Breeding	ken@contechteam.com	407-905-8000	FL
	Conti Enterprises, Inc.					Asphalt Pavement	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Conti Enterprises, Inc.					Cast in Place Concrete	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Clearing, Grading, & Earthwork	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Construction Logistics	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Dewatering	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Duct Bank	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Earthwork Improvements	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Electrical	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Erosion Control/SWPPP	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Paving	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Pile Foundations	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Precast	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Site Specialties	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Conti Enterprises, Inc.					Site Utilities	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
X	Conti Enterprises, Inc.					Structural Steel	1507 Live Oak Street, Suite B	Beaufort		lrigatti@contienterprises.com	732-520-5000	NC
	Cook & Boardman LLC dba Pinnacle Door & Hardware					Door Frames and Hardware	2165 Sunnydale Blvd	Clearwater	Emilio Bendever	ebendever@pinnacledh.com	727-447-7300	FL
	Cook & Boardman LLC dba Pinnacle Door & Hardware					Building Specialties	2165 Sunnydale Blvd	Clearwater	Emilio Bendever	ebendever@pinnacledh.com	727-447-7300	FL
X	Cook & Boardman LLC dba Pinnacle Door & Hardware					Toilet Accessories	2165 Sunnydale Blvd	Clearwater	Emilio Bendever	ebendever@pinnacledh.com	727-447-7300	FL
	Coreslab Structures, Inc.					Precast	11041 Rocket Blvd	Orlando		salesorlando@coreslab.com	407-855-3190	FL
X	Coreslab Structures, Inc.					Precast	11041 Rocket Blvd	Orlando		salesorlando@coreslab.com	407-855-3190	FL
X	Cornerstone Barricades Inc	X			X	Heavy Highway	3712 NW 84th Dr	Gainesville	Seyi Falade	chris@cornerstonebarricades.com	352-373-8001	FL
	Cornerstone Construction Services, Inc.	X			X	Cast in Place Concrete	4205 Edgewater Drive	Orlando	Amadita Stone	astone@ccsorlando.com	407-299-3299	FL
	Cornerstone Construction Services, Inc.	X			X	Hoisting	4205 Edgewater Drive	Orlando	Amadita Stone	astone@ccsorlando.com	407-299-3299	FL
	Cornerstone Construction Services, Inc.	X			X	Paving	4205 Edgewater Drive	Orlando	Amadita Stone	astone@ccsorlando.com	407-299-3299	FL
	Cornerstone Construction Services, Inc.	X			X	Precast	4205 Edgewater Drive	Orlando	Amadita Stone	astone@ccsorlando.com	407-299-3299	FL
X	Cornerstone Construction Services, Inc.	X			X	Retaining Walls	4205 Edgewater Drive	Orlando	Amadita Stone	astone@ccsorlando.com	407-299-3299	FL
	Corrpro Companies, Inc.					Special Construction	4101 Bloomfield Hwy	Farmington	John Wallace	jwallace@corrpro.com	470 539 3495	NM
X	Corrpro Companies, Inc.					Site Utilities	4101 Bloomfield Hwy	Farmington	John Wallace	jwallace@corrpro.com	470 539 3495	NM
X	Creative Management Technology, Inc	X	X		X	General Contracting	5380 Hoffner Ave	Orlando	Michael McKenzie	w2wings@gmail.com	(321) 799-4022	FL
X	Creative Sign Designs LLC					Signage	830 S Ronald Reagan Blvd, Suite 252	Longwood	Bryan Vaughn	bvaughn@creativesigndesigns.com	407-508-3066	FL
X	Creative Terrazzo Systems, Inc.					Tile / Terrazzo	3300 SW 3rd Ave	Fort Lauderdale	Candace Norville	Candace@terrazzosystems.com	954-767-6372	FL
X	Cross Construction Services, Inc.					Demolition	25221 Wesley Chapel Blvd	Lutz	Tyler Lillibridge	tyler.l@myccsfl.com	813-907-1013	FL
	Crown Corr, Inc					Metal Panels	1255 Terminus Dr, Suite 100	Lithia Springs	Dave Pellar	dpellar@crowncorr.com	219-949-8080	FL
	Crown Corr, Inc					Glazing	1255 Terminus Dr, Suite 100	Lithia Springs	Dave Pellar	dpellar@crowncorr.com	219-949-8080	FL
X	Crown Corr, Inc					Column Covers	1255 Terminus Dr, Suite 100	Lithia Springs	Dave Pellar	dpellar@crowncorr.com	219-949-8080	FL
X	Cube Care Company	X			X	Window Treatments	6043 NW 167th St, Suite A-23	Hialeah	Susana Robledo	estimatingheroes@cubecare.com	305-556-8700	FL
X	Curry Cabinetry					Millwork	4831 E Broadway Ave	Tampa	Bryan Curry	bcurry@currycabinetry.com	813-321-3650	FL
	D&A Construction Group, Inc.	X	X		X	Cast In Place Concrete	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4032	FL
	D&A Construction Group, Inc.	X	X		X	Construction Logistics	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4032	FL
	D&A Construction Group, Inc.	X	X		X	Gypsum Drywall and Ceilings	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4032	FL
	D&A Construction Group, Inc.	X	X		X	Masonry	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4032	FL
	D&A Construction Group, Inc.	X	X		X	Miscellaneous Metals	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4032	FL
	D&A Construction Group, Inc.	X	X		X	Painting	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4032	FL
	D&A Construction Group, Inc.	X	X		X	Paving	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4032	FL
	D&A Construction Group, Inc.	X	X		X	Rough Carpentry	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4032	FL
	D&A Construction Group, Inc.	X	X		X	General Contracting	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4033	FL
X	D&A Construction Group, Inc.	X	X		X	Waterproofing and Caulking	983 Explorer Cove	Altamonte Springs	Heather McCandless	bids@dacginc.com	407-960-4032	FL
X	D&A Window Cleaning Services, Inc.	X				Construction Logistics	321 Georgia Ave,	Longwood	Rudy Perez	rperez@dabuildingservices.com	407-831-5388	FL
X	D.H. Pace Company, Inc. dba D.H. Pace Door Services					Coiling Grilles and Doors	3839 St Valentine Way,	Orlando	Robert Rosser	fnewconstruction@dhpce.com	407-563-3668	FL
	Dannix Painting, LLC	X				Painting	11562 Old Highway 61 North	Robinsonville		dannixpainting@yahoo.com	314-535-6600	MS
X	Dannix Painting, LLC	X				Traffic Topping / Sealer	11562 Old Highway 61 North	Robinsonville		dannixpainting@yahoo.com	314-535-6600	MS
X	Dant Clayton Corpotation					Miscellaneous Metals	1500 Bernheim Lane	Louisville	Alex Tuttle	atuttle@tuttlerailings.com	(502) 634-3626	KY
	David Allen Company					Flooring	150 Rush St	Raleigh	Shane Wycuff	bids@davidallen.com	919-821-7100	NC
X	David Allen Company					Tile / Terrazzo	151 Rush St	Raleigh	Shane Wycuff	bids@davidallen.com	919-821-7101	NC
X	Dayton Superior Corporation					Cast in Place Concrete	11176 Boggy Creek Road	Orlando	Eric Erikson	erecerickson@daytonsuperior.com	407-854-6193	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Deatrick Engineering Associates, Inc.					Architect and Engineer Services	9425 Tradeport Drive	Orlando	Warren Deatrick	dea1@bellsouth.net	407-851-9776	FL
X	Deatrick Engineering Associates, Inc.					Testing And Inspection	9425 Tradeport Drive	Orlando	Warren Deatrick	dea1@bellsouth.net	407-851-9776	FL
X	Del-Air					Mechanical	531 Codisco Way	Sanford	Jeff Carter	jcarter@delair.com	407-775-0331	FL
X	Delaware Elevator of Florida, Inc.					Conveying Systems	100 NW 28th St, Bldg #C-6	Boca Raton		tom.isaacs@delawareelevator.com	407-832-4197	FL
	Demetrius Shack's Painting Service, Inc.				X	Flooring	11154 Losco Junction Dr South	Jacksonville	Demetrius Shack	blessedshacks@comcast.net	(904) 910-7589	FL
	Demetrius Shack's Painting Service, Inc.				X	Painting	11154 Losco Junction Dr South	Jacksonville	Demetrius Shack	blessedshacks@comcast.net	(904) 910-7589	FL
X	Demetrius Shack's Painting Service, Inc.				X	Waterproofing and Caulking	11154 Losco Junction Dr South	Jacksonville	Demetrius Shack	blessedshacks@comcast.net	(904) 910-7589	FL
	Designers West Interiors, Inc.	X	X		X	Flooring	5609 South Orange Ave.	Orlando	Kristin Becker	kbeckerdwi@aol.com	321-258-1208	FL
X	Designers West Interiors, Inc.	X	X		X	Tile / Terrazzo	5609 South Orange Ave.	Orlando	Kristin Becker	kbeckerdwi@aol.com	321-258-1208	FL
X	Detail Dynamic of Florida, Inc.	X	X		X	Construction Logistics	P.O. Box 470249	Lake Monroe	Pam Olson	Pam@DDSC.biz	407-322-7911	FL
X	DFI Bridge Corporation					General Contracting	5055 Babcock St., N.E., Suite 4	Palm Bay	Dan Hughes	dan@dfibrige.com	321-727-7100	FL
X	DH Griffin					Demolition	14135 W Colonial Dr	Winter Garden	Brad Douglas	bdouglas@dhgriffin.com	334-664-0401	FL
X	Diebold, Incorporated (Security Systems)					Electrical	5995 Mayfair Rd	North Canton		tammy.murray@diebold.com	386-527-4504	OH
X	Divi10n Ten Specialties Inc					Building Specialties	947 Josiane Ct, 1010,	Altamonte Springs	Dave Riley	estimating@division-ten.com	407-539-1303	FL
	Division 7					Fireproofing	2773 B M Montgomery St	Birmingham	Tom Champagne	tom@d7con.com	205-803-1007	AL
X	Division 7					Waterproofing and Caulking	2773 B M Montgomery St	Birmingham	Tom Champagne	tom@d7con.com	205-803-1007	AL
X	Don Bell Signs, LLC					Signage	365 Oak Place	Port Orange	Mandy Moore	mmoore@donbellsigns.com	386-788-8084	FL
X	Doyle Dickerson Terrazzo					Tile / Terrazzo	1709 University Commercial Place	Charlotte	Stan Cociug	info@doyledickersonterrazzo.com	704-921-4940	FL
X	DPT Construction, Inc.	X				Painting	3112 Great Oaks Blvd	Kissimmee	Hector Espitia	dptconstructionestimates@gmail.com	(321) 229-1671	FL
X	DuraServ Corp					Coiling Grilles and Doors	11431 Ferrell Dr, Suite200	Farmers Branch	Mark Gibson	mark.gibson@americanrollupdoor.com	214-217-2952	TX
X	Dusoul Company Inc Technical Services Audio Visual					Low Voltage Systems	775 Barber St	Athens	Lisa Smith	sales@tsav.com	706-613-8759	GA
	E&H Steel Corporation					Miscellaneous Metals	3635 Highway 134	Midland City	Jed Henderson	jedhenderson@ehSteel.com	334-983-5636	AL
X	E&H Steel Corporation					Structural Steel	3635 Highway 134	Midland City	Jed Henderson	jedhenderson@ehSteel.com	334-983-5636	AL
X	EAC Cleaning Services	X	X		X	Construction Logistics	7130 S Orange Blossom Trail, Suite 126	Orlando	Ella R Drummer	info@eacclean.com	407-490-1881	FL
	Earth Tech, Inc					Earthwork Improvements	2620 Hunt Road	Land O Lakes	Dan Coxe	dcoxe@earthtech.net	813-909-800	FL
X	Earth Tech, Inc					Pressure Grout Soil Improvements	2620 Hunt Road	Land O Lakes	Dan Coxe	dcoxe@earthtech.net	813-909-800	FL
	East Coast Metal Structures					Miscellaneous Metals	635 Gator Dr.	Lantana	Tami Allmon	estimating@eastcoastmetals.net	561-766-2479	FL
X	East Coast Metal Structures					Structural Steel	635 Gator Dr.	Lantana	Tami Allmon	estimating@eastcoastmetals.net	561-766-2479	FL
X	Echo Ues, Inc.	X			X	Architect and Engineer Services	1511 E State Rd 434, Ste. 2001, #252	Winter Springs	Carlo Pilia	carlo.pilia@echoues.com	407-388-8269	FL
	ECS Limited					Architect and Engineer Services	2815 Directors Row, Suite 500	Orlando	Rich Haffner	RHaffner@ecslimited.com	407-859-8378	FL
X	ECS Limited					Testing And Inspection	2815 Directors Row, Suite 500	Orlando	Rich Haffner	RHaffner@ecslimited.com	407-859-8378	FL
X	Ed Waters and Sons Contracting Company					Pile Foundations	3375 Agricultural Center Dr	St. Augustine	Wayne Waters	info@edwatersandsons.com	904-823-8817	FL
	Eden Site Development Inc.	X				Construction Logistics	115 West Pine Ave	Longwood	Jerry Sell	jerry@edensitedevelopment.com	407-265-1113	FL
	Eden Site Development Inc.	X				Dewatering	115 West Pine Ave	Longwood	Jerry Sell	jerry@edensitedevelopment.com	407-265-1113	FL
	Eden Site Development Inc.	X				Earthwork Improvements	115 West Pine Ave	Longwood	Jerry Sell	jerry@edensitedevelopment.com	407-265-1113	FL
	Eden Site Development Inc.	X				Erosion Control/SWPPP	115 West Pine Ave	Longwood	Jerry Sell	jerry@edensitedevelopment.com	407-265-1113	FL
	Eden Site Development Inc.	X				Paving	115 West Pine Ave	Longwood	Jerry Sell	jerry@edensitedevelopment.com	407-265-1113	FL
	Eden Site Development Inc.	X				Site Improvements	115 West Pine Ave	Longwood	Jerry Sell	jerry@edensitedevelopment.com	407-265-1113	FL
	Eden Site Development Inc.	X				Site Utilities	115 West Pine Ave	Longwood	Jerry Sell	jerry@edensitedevelopment.com	407-265-1113	FL
X	Eden Site Development Inc.	X				Striping	115 West Pine Ave	Longwood	Jerry Sell	jerry@edensitedevelopment.com	407-265-1113	FL
X	Eidolon Analytic dba Unisource Graphics & Signs	X				Signage	5711 Halifax Ave	Fort Myers		ghyon@unisourcesigns.com	239-288-6951	FL
	EJ USA, Inc					Cementious Siding	301 Spring Street	East Jordan	Michael Heer	mike.heer@ejco.com	800 874 4100	MI
	EJ USA, Inc					Grating	301 Spring Street	East Jordan	Michael Heer	mike.heer@ejco.com	800 874 4100	MI
X	EJ USA, Inc					Site Utilities	301 Spring Street	East Jordan	Michael Heer	mike.heer@ejco.com	800 874 4100	MI
X	El Big Man LLC		X		X	Hauling	7454 Hollow Ridge Cir	Orlando	Eliander Salvador	elbigmanllc@gmail.com	407-967-9194	FL
	Electric Services, Inc.					Duct Bank	1746 US Hwy 441	Leesburg	Wood Brazill	wbrazill@electric-services.com	352-787-1322	FL
	Electric Services, Inc.					Electrical	1746 US Hwy 441	Leesburg	Wood Brazill	wbrazill@electric-services.com	352-787-1322	FL
X	Electric Services, Inc.					Site Lighting	1746 US Hwy 441	Leesburg	Wood Brazill	wbrazill@electric-services.com	352-787-1322	FL
X	Elite Flooring & Design Inc.					Flooring	3480 Green Pointe Parkway	Norcross	Thomas Zivitz	tzivitz@elifloor.com	(678) 328-2225	GA
	Empire Office					Flooring	110 Hillcrest St	Orlando	David Obryan	dobryan@empireoffice.com	407 509 5656	FL
	Empire Office					Furnishings and Fixtures	110 Hillcrest St	Orlando	David Obryan	dobryan@empireoffice.com	407 509 5656	FL
X	Empire Office					Tile / Terrazzo	110 Hillcrest St	Orlando	David Obryan	dobryan@empireoffice.com	407 509 5656	FL
	Enclos Corp					Column Covers	10733 Sunset Office Dr, Suite 420	St Louis	Rick Hamlin	rhamlin@enclos.com	314-596-0004	MO
	Enclos Corp					Metal Panels	10733 Sunset Office Dr, Suite 420	St Louis	Rick Hamlin	rhamlin@enclos.com	314-596-0004	MO

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Enclos Corp					Glazing	10733 Sunset Office Dr, Suite 420	St Louis	Rick Hamlin	rhamlin@enclos.com	314-596-0004	MO
X	Enclos Corp					Miscellaneous Metals	10733 Sunset Office Dr, Suite 420	St Louis	Rick Hamlin	rhamlin@enclos.com	314-596-0004	MO
	Endurance Communications & Electrical, LLC	X			X	Demolition	10524 Moss Park Rd, 204-346	Orlando		endurance.esteeming@gmail.com	407-930-3736	FL
	Endurance Communications & Electrical, LLC	X			X	Electrical	10524 Moss Park Rd, 204-346	Orlando		endurance.esteeming@gmail.com	407-930-3736	FL
	Endurance Communications & Electrical, LLC	X			X	Site Lighting	10524 Moss Park Rd, 204-346	Orlando		endurance.esteeming@gmail.com	407-930-3736	FL
X	Endurance Communications & Electrical, LLC	X			X	Site Utilities	10524 Moss Park Rd, 204-346	Orlando		endurance.esteeming@gmail.com	407-930-3736	FL
X	Energy Air, Inc.					Mechanical	5401 Energy Air Ct	Orlando	David Bridenbaugh	dbridenbaugh@energyair.com	407-886-3729	FL
X	Environmental Construction, Inc. (ECI)					Demolition	5428 56th Commerce Park Blvd	Tampa	Shaundra Permenter	permenter.s@envconinc.com	813-621-5400	FL
	Environmental Interiors, Inc.					Glazing	400 Amherst St, 200	Nashua		kgolemboski@environinteriors.com	646-216-1601	NH
	Environmental Interiors, Inc.					Gypsum Drywall and Ceilings	400 Amherst St, 200	Nashua		kgolemboski@environinteriors.com	646-216-1601	NH
X	Environmental Interiors, Inc.					Special Construction	400 Amherst St, 200	Nashua		kgolemboski@environinteriors.com	646-216-1601	NH
	Enviro-Tech Systems Inc					Architect and Engineer Services	2308 South Parrott Ave	Okeechobee	Michelle Yates	YatesMM@enviro-tech.cc	863-763-3143	FL
	Enviro-Tech Systems Inc					Earthwork Improvements	2308 South Parrott Ave	Okeechobee	Michelle Yates	YatesMM@enviro-tech.cc	863-763-3143	FL
X	Enviro-Tech Systems Inc					Site Utilities	2308 South Parrott Ave	Okeechobee	Michelle Yates	YatesMM@enviro-tech.cc	863-763-3143	FL
	Ewing Waterproofing Systems, Inc.					Waterproofing and Caulking	2521 NW 74th Pl	Gainesville	Damon Watson	Dwatson@ewingwaterproofing.com	(352) 258-3243	FL
X	Ewing Waterproofing Systems, Inc.					Traffic Topping / Sealer	2521 NW 74th Pl	Gainesville	Damon Watson	Dwatson@ewingwaterproofing.com	(352) 258-3243	FL
X	Expedition Security Solutions Group, Inc.	X				Construction Logistics	10524 Moss Park Rd, Suite 204-157,	Orlando	Stuart Chaffin	Schaffin@expeditionsecurity.com	704-652-8552	FL
	F L Crane & Sons Inc					Metal Panels	508 S Spring St	Fulton	Chad Martin	cmartin@flcrane.com	662-862-2172	MS
	F L Crane & Sons Inc					Cementitious Siding	508 S Spring St	Fulton	Chad Martin	cmartin@flcrane.com	662-862-2172	MS
	F L Crane & Sons Inc					Fireproofing	508 S Spring St	Fulton	Chad Martin	cmartin@flcrane.com	662-862-2172	MS
	F L Crane & Sons Inc					Waterproofing and Caulking	508 S Spring St	Fulton	Chad Martin	cmartin@flcrane.com	662-862-2172	MS
	F L Crane & Sons Inc					Gypsum Drywall and Ceilings	508 S Spring St	Fulton	Chad Martin	cmartin@flcrane.com	662-862-2172	MS
	F L Crane & Sons Inc					Insulation	508 S Spring St	Fulton	Chad Martin	cmartin@flcrane.com	662-862-2172	MS
	F L Crane & Sons Inc					Flooring	508 S Spring St	Fulton	Chad Martin	cmartin@flcrane.com	662-862-2172	MS
X	F L Crane & Sons Inc					Painting	508 S Spring St	Fulton	Chad Martin	cmartin@flcrane.com	662-862-2172	MS
X	FabArc Steel Supply Inc					Structural Steel	111 Meadow Lane	Oxford	Shawn Evans	shawn.evans@fabarc.com	256-831-8770	AL
X	FabriTec Structures, LLC					Tensile Fabric Canopies	1011 Regal Row	Dallas		ccentner@fabritecllc.com	877-887-4233	TX
	Fairborn Equipment Company					Coiling Grilles and Doors	332 Ponde De Leon Pl	Orlando	Vincent Buffone	buffonev@fairbornequipment.com	888-851-5529	FL
X	Fairborn Equipment Company					Building Equipment	332 Ponde De Leon Pl	Orlando	Vincent Buffone	buffonev@fairbornequipment.com	888-851-5529	FL
X	Fausnight Stripe & Line, Inc.					Paving	910 Charles St	Longwood	Cris	cris@fausnight.com	407-261-5446	FL
X	Ferguson Cabling					Low Voltage Systems	203 Orange St,	Palm Harbor	John Primrose	johnp@fergusoncabling.com	727-470-2802	FL
X	Fidelity Security Agency, LLC	X	X			Construction Logistics	618 E South St, Suite 500	Orlando	Michael Williams	mike@fsa-security.com	407-791-6113	FL
X	Fine Tune Enterprises, Inc.	X	X		X	Construction Logistics	639 West Lancaster Road	Fort Myers	Elvis Diaz	Ed@finetuneservices.com	407-271-4088	FL
X	Fire & Life Safety America, Inc.					Fire Protection	2280 Old Lake Mary Rd	Sanford		pamato@flsamerica.com	407-688-1949	FL
X	Fire Safety, Inc.					Fire Protection	2721 Old Roosevelt Blvd	Clearwater	Mina Bayood	estimating@firesafety-inc.com	727-523-1843	FL
	Fire Stop Systems, Inc.					Fireproofing	4173 Arnold Ave	Naples	Yanyslet Cruz	yanys@fireproofers.com	239-774-3343	FL
X	Fire Stop Systems, Inc.					Waterproofing and Caulking	4173 Arnold Ave	Naples	Yanyslet Cruz	yanys@fireproofers.com	239-774-3343	FL
X	Fire-Seal, LLC.					Fireproofing	167 S State St, 250,	Westerville	Tina Bagnoli	admin@fireseal-llc.com	614-454-4440	OH
	First American Steel Erectors Corporation	X	X		X	Miscellaneous Metals	194 S 4th S	Lake Mary	Kevin Doxtater	kevinfo@flcrane.com	407-687-1528	FL*
X	First American Steel Erectors Corporation					Structural Steel	194 S 4th S	Lake Mary	Kevin Doxtater	kevinfo@aol.com	407-687-1528	FL*
X	Fish Construction, Inc.					Millwork	9820 Cash Road,	Stafford	Adam Fish	adam.fish@fishconstruction.com	713-206-0227	TX
	Five Arrows, Inc., dba Service Painting Corp.					Painting	1423 W Long St	Orlando	Todd Monroe	tmonroesp@aol.com	407-872-7555	FL
	Five Arrows, Inc., dba Service Painting Corp.					Traffic Topping / Sealer	1423 W Long St	Orlando	Todd Monroe	tmonroesp@aol.com	407-872-7555	FL
X	Five Arrows, Inc., dba Service Painting Corp.					Waterproofing and Caulking	1423 W Long St	Orlando	Todd Monroe	tmonroesp@aol.com	407-872-7555	FL
X	Flexible Lifeline Systems Inc					Building Equipment	2437 Peyton Rd	Houston	Jeff Barnum	info@flexiblelifeline.com	832-448-2900	TX
X	Florida CG Solutions, Inc.	X			X	IT Support	4046 N Goldenrod Rd #271,	Winter Park	Gerard Merritt	gerard@cgsolutionsgroup.com	407-476-3590	FL
X	Florida Contract Automated Shading, LLC					Window Treatments	14927 W Newberry Rd	Newberry	Megan Molyneux	megan@fcas.pro	(352) 682-4018	FL
X	Florida Detention Systems, Inc					Construction Logistics	1296 Southeast 31st Street	Melrose	Joe Castelvechi	joe@floridadetention.com	352-256-8405	FL
	Florida Door Solutions, Inc.					Doors & Hardware	777 South Park Ave	Apopka	Kent Horsley	kent@fladoor.com	407-884-5955	FL
X	Florida Door Solutions, Inc.					Coiling Grilles and Doors	777 South Park Ave	Apopka	Kent Horsley	kent@fladoor.com	407-884-5955	FL
X	Florida GC Solutions				X	General Contracting	4980 E 10th Ct	Hialeah	Edwin Gaitan	edwin@fgcs.biz	305-687-9877	FL
	Florida Structural Steel					Miscellaneous Metals	2710 East 5th Ave	Tampa	Kevin Sig	ksigl@tti-fss.com	813-241-4261	FL
X	Florida Structural Steel					Structural Steel	2710 East 5th Ave	Tampa	Kevin Sig	ksigl@tti-fss.com	813-241-4261	FL
X	Ford Audio Video					Low Voltage Systems	7901 E Riverside Drive, Suite 125	Austin	Will Tindle	willt@fordav.com	512-447-1103	TX

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	G & C Welding Specialist, LLC	X	X		X	Miscellaneous Metals	5441 S Bryant Ave	Sanford	Cory Hunt	estimating@gcweldingspecialist.com	407-878-2723	FL
	G.C. Zarnas & Co, Inc					Flooring	850 Jennings St	Bethlehem	Greg Hoyer	ghoyer@gczarnas.com	610-866-0923	PA
X	G.C. Zarnas & Co, Inc					Painting	851 Jennings St	Bethlehem	Greg Hoyer	ghoyer@gczarnas.com	610-866-0924	PA
	G.J.P. Enterprises, Inc.					Building Materials	4510 E 71st St, Suite #5	Cleveland	Joe Conte	Jconte@am-dec.com	216-341-2222	OH
X	G.J.P. Enterprises, Inc.					Gypsum Drywall and Ceilings	4510 E 71st St, Suite #5	Cleveland	Joe Conte	Jconte@am-dec.com	216-341-2222	OH
	Gate Precast Company					Precast	810 Sawdust Trl	Kissimmee	Brian Griffis	bgriffis@gateprecast.com	904-813-6525	FL
X	Gate Precast Company					Precast	810 Sawdust Trl	Kissimmee	Brian Griffis	bgriffis@gateprecast.com	904-813-6525	FL
X	GE Investigations, Inc. dba GE Protection	X	X		X	Construction Logistics	2204 Pinyon Rd	Apopka	Juan Carlos Robinson	geprotection911@gmail.com	407-703-2626	FL
	Gem Industries, Inc.	X				Structural Steel	370 Cox Rd	Cocoa	Will Ratliff	bid@gemindustriesincorporated.com	321 631 3977	FL
X	Gem Industries, Inc.	X				Miscellaneous Metals	370 Cox Rd	Cocoa	Will Ratliff	bid@gemindustriesincorporated.com	321 631 3977	FL
X	General Dynamics Information Technology, Inc					Low Voltage Systems	3211 Jermantown Rd	Fairfax	Matthew Davies	matthew.davies@gdit.com	405-680-6972	VA
	Gibbs & Register, Inc.					Cast In Place Concrete	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	Gibbs & Register, Inc.					Concrete Finishing	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	Gibbs & Register, Inc.					Earthwork Improvements	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	Gibbs & Register, Inc.					Paving	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	Gibbs & Register, Inc.					Pile Foundations	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	Gibbs & Register, Inc.					Precast	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	Gibbs & Register, Inc.					Retaining Walls	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	Gibbs & Register, Inc.					Site Improvements	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	Gibbs & Register, Inc.					Site Specialties	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	Gibbs & Register, Inc.					Site Structures	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
X	Gibbs & Register, Inc.					Site Utilities	232 South Dillard St	Winter Garden	Matt Karash	mkarash@gibbsandregister.com	407-654-6133	FL
	GLF Construction Corporation					Cast in Place Concrete	7648 Southland Blvd #100	Orlando	David Ammon	dammon@glfusa.com	407-888-8481	FL
	GLF Construction Corporation					Earthwork Improvements	7648 Southland Blvd #100	Orlando	David Ammon	dammon@glfusa.com	407-888-8481	FL
	GLF Construction Corporation					Hoisting	7648 Southland Blvd #100	Orlando	David Ammon	dammon@glfusa.com	407-888-8481	FL
	GLF Construction Corporation					Paving	7648 Southland Blvd #100	Orlando	David Ammon	dammon@glfusa.com	407-888-8481	FL
	GLF Construction Corporation					Pile Foundations	7648 Southland Blvd #100	Orlando	David Ammon	dammon@glfusa.com	407-888-8481	FL
	GLF Construction Corporation					Retaining Walls	7648 Southland Blvd #100	Orlando	David Ammon	dammon@glfusa.com	407-888-8481	FL
X	GLF Construction Corporation					Site Specialties	7648 Southland Blvd #100	Orlando	David Ammon	dammon@glfusa.com	407-888-8481	FL
X	Glidepath LLC					Conveying Systems	2241 S Watson Rd, Suite 151	Arlington	Philip Heacock	philip.heacock@beumergroup.com	682-248-3700	TX
X	Glomaco, LLC	X				Building Materials	37 N Orange Ave,	Orlando	Carlos Bajana	Cbajanajr@glomaco.us	407-507-6380	FL
	GMF Construction, LLC					Miscellaneous Metals	4600 Drane Field Rd	Lakeland	Jason Hall	jason.hall@gmfsteel.com	863-577-0210	FL
X	GMF Construction, LLC					Structural Steel	4600 Drane Field Rd	Lakeland	Jason Hall	jason.hall@gmfsteel.com	863-577-0210	FL
	Gomez Construction Company	X				Construction Logistics	750 Jackson Ave	Winter Park	Robert Lacey	rlacey@gomezconstruction.com	407-628-4353	FL
	Gomez Construction Company	X				Demolition	750 Jackson Ave	Winter Park	Robert Lacey	rlacey@gomezconstruction.com	407-628-4353	FL
	Gomez Construction Company	X				Doors & Hardware	750 Jackson Ave	Winter Park	Robert Lacey	rlacey@gomezconstruction.com	407-628-4353	FL
	Gomez Construction Company	X				General Contracting	750 Jackson Ave	Winter Park	Robert Lacey	rlacey@gomezconstruction.com	407-628-4353	FL
	Gomez Construction Company	X				Gypsum Drywall and Ceilings	750 Jackson Ave	Winter Park	Robert Lacey	rlacey@gomezconstruction.com	407-628-4353	FL
	Gomez Construction Company	X				Landscaping	750 Jackson Ave	Winter Park	Robert Lacey	rlacey@gomezconstruction.com	407-628-4353	FL
X	Gomez Construction Company	X				Tile / Terrazzo	750 Jackson Ave	Winter Park	Robert Lacey	rlacey@gomezconstruction.com	407-628-4353	FL
X	Gordon Sales, Inc.					Building Materials	5023 Hazel Jones Rd	Bossier City	Mason Bowen	masonbowen@Gordon-inc.com	318-747-8954	LA
	Gosalia Concrete Constructors Inc				X	Cast in Place Concrete	4607 N 56th St	Tampa	Estimating	estimating@gosaliaco.com	(813) 443-0984	FL
	Gosalia Concrete Constructors Inc				X	Concrete Finishing	4607 N 56th St	Tampa	Estimating	estimating@gosaliaco.com	(813) 443-0984	FL
	Gosalia Concrete Constructors Inc				X	Concrete Materials	4607 N 56th St	Tampa	Estimating	estimating@gosaliaco.com	(813) 443-0984	FL
	Gosalia Concrete Constructors Inc				X	Concrete Pavement	4607 N 56th St	Tampa	Estimating	estimating@gosaliaco.com	(813) 443-0984	FL
	Gosalia Concrete Constructors Inc				X	Paving	4607 N 56th St	Tampa	Estimating	estimating@gosaliaco.com	(813) 443-0984	FL
	Gosalia Concrete Constructors Inc				X	Pile Foundations	4607 N 56th St	Tampa	Estimating	estimating@gosaliaco.com	(813) 443-0984	FL
	Gosalia Concrete Constructors Inc				X	Site Improvements	4607 N 56th St	Tampa	Estimating	estimating@gosaliaco.com	(813) 443-0984	FL
X	Gosalia Concrete Constructors Inc				X	Site Structures	4607 N 56th St	Tampa	Estimating	estimating@gosaliaco.com	(813) 443-0984	FL
X	Granite Telecommunications, LLC					Low Voltage Systems	3504 Lake Lynda Dr	Orlando	James Evans	jaevans@granitenet.com	678-322-3978	FL
X	Greenery Productions, Inc	X				Landscaping	1751 Directors Row	Orlando	Matt Grier	mgrier@greeneryproductions.com	407-363-9151	FL
X	Griffin Dewatering Corp.					Earthwork Improvements	3805 Investment Ln	West Palm Beach	Dave Handy	chris.peschang@griffindewatering.com	561-881-5377	FL
X	Grunau Company, Inc.					Fire Protection	11300 Space Blvd, Suite 4	Orlando		mark.peters@grunau.us	407-857-1800	FL
	Gulf Mechanical Contractors LLC					Mechanical	31643 Executive Boulevard	Leesburg	Pat Comitz	pcomitz@gulfmc.net	352-460-4176	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	Gulf Mechanical Contractors LLC					Plumbing	31643 Executive Boulevard	Leesburg	Pat Comitz	pcomitz@gulfmc.net	352-460-4176	FL
	H.L. Pruitt Corp.					Electrical	501 Wade St	Winter Springs		frankpruitt66@gmail.com	407-327-3848	FL
	H.L. Pruitt Corp.					Site Lighting	501 Wade St	Winter Springs		frankpruitt66@gmail.com	407-327-3848	FL
	H.L. Pruitt Corp.					Site Utilities	501 Wade St	Winter Springs		frankpruitt66@gmail.com	407-327-3848	FL
	H.L. Pruitt Corp.					Duct Bank	501 Wade St	Winter Springs		frankpruitt66@gmail.com	407-327-3848	FL
X	H.L. Pruitt Corp.					Pile Foundations	501 Wade St	Winter Springs		frankpruitt66@gmail.com	407-327-3848	FL
	Hamilton Roofing, Inc.					Roofing	4000 Old Dixie Hwy	Malabar		steve@hamiltonroofinginc.com	321-729-0548	FL
X	Hamilton Roofing, Inc.					Rough Carpentry	4000 Old Dixie Hwy	Malabar		steve@hamiltonroofinginc.com	321-729-0548	FL
X	Harbinger Sign					Signage	5300 Shad Rd, Jacksonville,	Jacksonville	Larry Meece	lmeece@harbingersign.com	904-268-4681	FL
X	Harmon Inc.					Glazing	3361 NW 55th St	Fort Lauderdale	Mike Moore	mmoore@harmoninc.com	954-809-6500	FL
	Harper Limbach					Mechanical	5102 W Laurel St, Suite 800	Tampa		kim.knarr@harperlimbach.com	813-207-0057	FL
X	Harper Limbach					Plumbing	5102 W Laurel St, Suite 800	Tampa		kim.knarr@harperlimbach.com	813-207-0057	FL
X	Harris Ventures Inc. dba Staff Zone					Survey	2650 Holcomb Bridge Rd, Suite 630	Alpharetta	Amanda Albert	aalbert@thestaffzone.com	770-645-6134	FL
	Hayward Baker, Inc.					Earthwork Improvements	5461 W Waters Ave, Suite 900	Tampa	Curtis Cook	crcook@HaywardBaker.com	813-884-3441	FL
	Hayward Baker, Inc.					Pile Foundations	5461 W Waters Ave, Suite 900	Tampa	Curtis Cook	crcook@HaywardBaker.com	813-884-3441	FL
	Hayward Baker, Inc.					Pressure Grout Soil Improvements	5461 W Waters Ave, Suite 900	Tampa	Curtis Cook	crcook@HaywardBaker.com	813-884-3441	FL
X	Hayward Baker, Inc.					Site Specialties	5461 W Waters Ave, Suite 900	Tampa	Curtis Cook	crcook@HaywardBaker.com	813-884-3441	FL
X	HD Supply Construction Supply, LTD					Building Specialties	501 W Church St	Orlando	Joseph Ridenhour	josephridenhour@whitecap.net	407-298-7083	FL
	Heath & Lineback Engineers, Inc.					Architect and Engineer Services	2390 Canton Road	Marietta	Patti Zachary	pzachary@heath-lineback.com	770 424 1668	GA
	Heath & Lineback Engineers, Inc.					Construction Logistics	2390 Canton Road	Marietta	Patti Zachary	pzachary@heath-lineback.com	770 424 1668	GA
X	Heath & Lineback Engineers, Inc.					Public Information	2390 Canton Road	Marietta	Patti Zachary	pzachary@heath-lineback.com	770 424 1668	GA
X	Heavenly Hearts Cleaning Services, Inc.	X	X		X	Construction Logistics	173 Dahlia Village Circle	Orlando	Regina Rush-Kemper	info@heavenlyheartscleaning.com	407-399-9729	FL
	Henry Incorporated					Wire Mesh Partitions	2285 Park Central Boulevard	Decatur	Jeff Briant	jbriant@henryincorporated.com	770-593-1234	GA
	Henry Incorporated					Window Treatments	2285 Park Central Boulevard	Decatur	Jeff Briant	jbriant@henryincorporated.com	770-593-1234	GA
	Henry Incorporated					Metal Panels	2285 Park Central Boulevard	Decatur	Jeff Briant	jbriant@henryincorporated.com	770-593-1234	GA
X	Henry Incorporated					Miscellaneous Metals	2285 Park Central Boulevard	Decatur	Jeff Briant	jbriant@henryincorporated.com	770-593-1234	GA
	Heron Electric, Inc.	X	X			Electrical	4708 W. Concord Avenue	Orlando		derrick@heronelectric.com	407-296-2550	FL
X	Heron Electric, Inc.	X	X			Site Lighting	4708 W. Concord Avenue	Orlando		derrick@heronelectric.com	407-296-2550	FL
X	Hiles Curtain Specialties Inc					Window Treatments	2701 Success Dr	Odessa	Clayton Hile	clayton@hilescurtains.com	305-556-8700	FL
X	Hi-Lite Airfield Services					Paving	18249 Hi-Lite Dr	Adams Center	Dennis Haefner	dennish@hi-lite.com	315-583-6111	NY
	Hirschfeld Industries					Miscellaneous Metals	1901 Gateway Dr, Suite 260	Irving	Hokan Amnetag	hokan.amneteg@hirschfeld.com	972-518-2173	TX
X	Hirschfeld Industries					Structural Steel	1901 Gateway Dr, Suite 260	Irving	Hokan Amnetag	hokan.amneteg@hirschfeld.com	972-518-2173	TX
	Hi-Way Paving, Inc					Cast In Place Concrete	4343 Weaver Ct	Hilliard	John Romaine	JRomaine@hiwaypaving.com	813-967-2956	OH
	Hi-Way Paving, Inc					Earthwork Improvements	4343 Weaver Ct	Hilliard	John Romaine	JRomaine@hiwaypaving.com	813-967-2956	OH
	Hi-Way Paving, Inc					Paving	4343 Weaver Ct	Hilliard	John Romaine	JRomaine@hiwaypaving.com	813-967-2956	OH
	Hi-Way Paving, Inc					Site Improvements	4343 Weaver Ct	Hilliard	John Romaine	JRomaine@hiwaypaving.com	813-967-2956	OH
X	Hi-Way Paving, Inc					Site Structures	4343 Weaver Ct	Hilliard	John Romaine	JRomaine@hiwaypaving.com	813-967-2956	OH
	HJ Foundation Company					Pile Foundations	8275 NW 80 St	Miami		estimating@hjfoundation.com	305-592-8181	FL
X	HJ Foundation Company					Pressure Grout Soil Improvements	8275 NW 80 St	Miami	Mike Smith	estimating@hjfoundation.com	305-592-8181	FL
X	HMB Enterprises LLC	X	X		X	Low Voltage Systems	5401 S Kirkman Rd Suite 310	Orlando	Harry Bailey	hmbenterprises@yahoo.com	678-887-7670	FL
	HMB Steel Corp	X				Miscellaneous Metals	4080 Pines Industrial Ave	Rockledge		info@hmbSteel.com	321-636-6511	FL
X	HMB Steel Corp	X				Structural Steel	4080 Pines Industrial Ave	Rockledge		info@hmbSteel.com	321-636-6511	FL
X	Hollow Metal Specialists					Doors & Hardware	740 Apex Road	Sarasota	Iva Prokajova	iprokajova@hmsdoors.com	941-379-1970	FL
X	Holman, Inc	X			X	Building Equipment	1855 Cassat Ave Suite #8	Jacksonville	Sales Team	sales@holman-inc.com	904-781-4531	FL
	Hombres Masonry Inc dba Toltec Construction	X	X		X	Cast In Place Concrete	334 E Bay St,	Winter Garden	Homar Jaimes	HOMAR@TOLTECCONSTRUCTION.COM	407-654-2648	FL
X	Hombres Masonry Inc dba Toltec Construction	X	X		X	Masonry	334 E Bay St,	Winter Garden	Homar Jaimes	HOMAR@TOLTECCONSTRUCTION.COM	407-654-2648	FL
X	Honeywell International Inc					Low Voltage Systems	3657 Maguire Blvd	Orlando	Jim Schneider	james.schneider@honeywell.com	843-735-8892	FL
	Hub Steel					Miscellaneous Metals	7500 Republic Dr	Groveland	John Meacham	john@gohubSteel.com	407-581-0665	FL
X	Hub Steel					Structural Steel	7500 Republic Dr	Groveland	John Meacham	john@gohubSteel.com	407-581-0665	FL
	Hubbard Construction Co					Earthwork Improvements	1936 Lee Road	Winter Park	Jon Ritchey	jon.ritchey@hubbard.com	407-645-5500	FL
	Hubbard Construction Co					Paving	1936 Lee Road	Winter Park	Jon Ritchey	jon.ritchey@hubbard.com	407-645-5500	FL
	Hubbard Construction Co					Site Improvements	1936 Lee Road	Winter Park	Jon Ritchey	jon.ritchey@hubbard.com	407-645-5500	FL
	Hubbard Construction Co					Site Structures	1936 Lee Road	Winter Park	Jon Ritchey	jon.ritchey@hubbard.com	407-645-5500	FL
X	Hubbard Construction Co					Site Utilities	1936 Lee Road	Winter Park	Jon Ritchey	jon.ritchey@hubbard.com	407-645-5500	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	Hufcor Inc					Operable Partitions	1301 Central Park Dr	Sanford	Diana Campbell	se.sales@hufcor.com	407-302-2286	FL
X	HW Davis Construction, Inc.					General Contracting	1212 29th St	Orlando	Jim Beusse	jbeusse@hwdavis.com	407-849-1212	FL
	Hypower Inc					Electrical	5913 Northwest 31st Avenue	Fort Lauderdale	Bernard Paul-Hus	pbauer@hypowerinc.com	954-917-1412	FL
	Hypower Inc					Low Voltage Systems	5913 Northwest 31st Avenue	Fort Lauderdale	Bernard Paul-Hus	pbauer@hypowerinc.com	954-917-1412	FL
	Hypower Inc					Site Lighting	5913 Northwest 31st Avenue	Fort Lauderdale	Bernard Paul-Hus	pbauer@hypowerinc.com	954-917-1412	FL
	Hypower Inc					Site Specialties	5913 Northwest 31st Avenue	Fort Lauderdale	Bernard Paul-Hus	pbauer@hypowerinc.com	954-917-1412	FL
X	Hypower Inc					Site Utilities	5913 Northwest 31st Avenue	Fort Lauderdale	Bernard Paul-Hus	pbauer@hypowerinc.com	954-917-1412	FL
X	Hy-Safe Technology					Building Equipment	960 Commerce Dr	Union Grove	Frank Elmi	felmi@hysafe.com	262-752-2400	WI
	Industrial Steel, Inc.					Miscellaneous Metals	3561 Industrial Rd	Titusville		fwilson@industrial-Steel.com	321-267-2341	FL
X	Industrial Steel, Inc.					Structural Steel	3561 Industrial Rd	Titusville		fwilson@industrial-Steel.com	321-267-2341	FL
X	Infinity Protection Service, Inc	X				Construction Logistics	121 South Orange Ave #1500	Orlando	Adrian Ellis	aellis@infinityprotection.com	(321) 217-6823	FL
	Infrastructure Engineers, Inc.					Architect and Engineer Services	2121 Old Hickory Tree Rd	St Cloud	Kerri Ingham	kingham@go-ie.com	817-928-4896	FL
X	Infrastructure Engineers, Inc.					Construction Logistics	2121 Old Hickory Tree Rd	St Cloud	Kerri Ingham	kingham@go-ie.com	817-928-4896	FL
	Inland Construction and Engineering, Inc.					Roofing	309 E 11th St,	Panama	Kyle Vandergrift	kyle@icecontractor.com	850-872-2129	FL
	Inland Construction and Engineering, Inc.					Waterproofing and Caulking	309 E 11th St,	Panama	Kyle Vandergrift	kyle@icecontractor.com	850-872-2129	FL
	Inland Construction and Engineering, Inc.					Metal Panels	309 E 11th St,	Panama	Kyle Vandergrift	kyle@icecontractor.com	850-872-2129	FL
X	Inland Construction and Engineering, Inc.					Miscellaneous Metals	309 E 11th St,	Panama	Kyle Vandergrift	kyle@icecontractor.com	850-872-2129	FL
	Inpro Fabrication					Corner Guards	5111 E California Pkwy,	Fort Worth	Matt Gehrke	mgehrke@inprocorp.com	817-926-5050	TX
X	Inpro Fabrication					Expansion Joint Covers	5111 E California Pkwy,	Fort Worth	Matt Gehrke	mgehrke@inprocorp.com	817-926-5050	TX
X	Integrated Door Systems, Inc.					Doors & Hardware	1602 E. Alsobrook St	Plant City	Emily Schafer	eschafer@integrateddoor.com	813-759-4300	FL
X	Intelligent Infrastructure Solutions, LLC					Low Voltage Systems	7676 Jean Blvd	Fort Myers	Thomas Esch	tesch@onpowerusa.com	239-288-7965	FL
	Interior Specialties Inc					Wire Mesh Partitions	947 Josiane Ct	Altamonte Springs	Dave Riley	driley@interiorspecialties.com	407-539-1303	FL
	Interior Specialties Inc					Toilet Accessories	947 Josiane Ct	Altamonte Springs	Dave Riley	driley@interiorspecialties.com	407-539-1303	FL
	Interior Specialties Inc					Fire Extinguishers	947 Josiane Ct	Altamonte Springs	Dave Riley	driley@interiorspecialties.com	407-539-1303	FL
	Interior Specialties Inc					Corner Guards	947 Josiane Ct	Altamonte Springs	Dave Riley	driley@interiorspecialties.com	407-539-1303	FL
X	Interior Specialties Inc					Window Treatments	947 Josiane Ct	Altamonte Springs	Dave Riley	driley@interiorspecialties.com	407-539-1303	FL
	International Flooring, Inc.					Flooring	2825 Mercy Dr	Orlando	Angela Wiley	awiley@intflooring.com	407-296-7465	FL
	International Flooring, Inc.					Floor Grilles	2825 Mercy Dr	Orlando	Angela Wiley	awiley@intflooring.com	407-296-7465	FL
X	International Flooring, Inc.					Tile / Terrazzo	2825 Mercy Dr	Orlando	Angela Wiley	awiley@intflooring.com	407-296-7465	FL
	International Greenscapes LLC					Furnishings and Fixtures	180 Vallecitos De Oro	San Marcos	Nichole Macedo	nichole@treescapes.com	760-631-6789	CA
X	International Greenscapes LLC					Site Improvements	180 Vallecitos De Oro	San Marcos	Nichole Macedo	nichole@treescapes.com	760-631-6789	CA
	Interstate Sealant & Concrete, Inc.	X			X	Concrete Materials	S40 W24211 Rockwood Way	Waukesha	Sean Leppert	sleppert@interstatesealant.com	(262) 547-6316	WI
	Interstate Sealant & Concrete, Inc.	X			X	Paving	S40 W24211 Rockwood Way	Waukesha	Sean Leppert	sleppert@interstatesealant.com	(262) 547-6316	WI
X	Interstate Sealant & Concrete, Inc.	X			X	Waterproofing and Caulking	S40 W24211 Rockwood Way	Waukesha	Sean Leppert	sleppert@interstatesealant.com	(262) 547-6316	WI
	ION Electric, LLC					Electrical	2001 N Andrews Ave,	Pompano	Sunil Amin	samin@ionelectricllc.com	954-734-7432	FL
X	ION Electric, LLC					Low Voltage Systems	2001 N Andrews Ave,	Pompano	Sunil Amin	samin@ionelectricllc.com	954-734-7432	FL
	ISEC, Inc.					Building Equipment	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
	ISEC, Inc.					Column Covers	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
	ISEC, Inc.					Toilet Accessories	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
	ISEC, Inc.					Fire Extinguishers	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
	ISEC, Inc.					Corner Guards	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
	ISEC, Inc.					Doors & Hardware	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
	ISEC, Inc.					Furnishings and Fixtures	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
	ISEC, Inc.					Millwork	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
	ISEC, Inc.					Miscellaneous Metals	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
X	ISEC, Inc.					Metal Panels	5907 Breckenridge Pkwy, Suite C	Tampa	Nicholas Reaume	NTReaume@isecinc.com	813-422-5100	FL
	Ivey Construction Inc.					Miscellaneous Metals	4060 N Courtenay Pkwy	Merritt Island	Jessica Fratrik	mkoons@iveycon.org	321-453-3812	FL
X	Ivey Construction Inc.					Structural Steel	4060 N Courtenay Pkwy	Merritt Island	Jessica Fratrik	mkoons@iveycon.org	321-453-3812	FL
	IWR North America, LLC					Glazing	1054 Central Industrial Dr	St. Louis	Dennis Papke	dpapke@iwrna.com	(314) 633-4958	MO
	IWR North America, LLC					Metal Panels	1054 Central Industrial Dr	St. Louis	Dennis Papke	dpapke@iwrna.com	(314) 633-4958	MO
	IWR North America, LLC					Roofing	1054 Central Industrial Dr	St. Louis	Dennis Papke	dpapke@iwrna.com	(314) 633-4958	MO
X	IWR North America, LLC					Skylights	1054 Central Industrial Dr	St. Louis	Dennis Papke	dpapke@iwrna.com	(314) 633-4958	MO
	J. Costa Group LLC	X	X		X	Flooring	2750 Taylor Ave, Suite 206	Orlando	Jose Costa	info@jcostagroup.com	407-467-8758	FL
	J. Costa Group LLC	X	X		X	Building Specialties	2750 Taylor Ave, Suite 206	Orlando	Jose Costa	info@jcostagroup.com	407-467-8758	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	J. Costa Group LLC	X	X		X	Doors & Hardware	2750 Taylor Ave, Suite 206	Orlando	Jose Costa	info@jcostagroup.com	407-467-8758	FL
	J. Mori Painting, Inc.	X				Painting	2561 W 80th St	Hialeah		jlmori@jmoripainting.com	305-825-7144	FL
X	J. Mori Painting, Inc.	X				Traffic Topping / Sealer	2561 W 80th St	Hialeah		jlmori@jmoripainting.com	305-825-7144	FL
X	JBS Engineering Technical Services, Inc.	X			X	Testing and Inspection	15 Windsormere Way #200	Oviedo	Jelinda Boles	jelinda@jbseng.com	407-947-4196	FL
X	JBT Airway Services					Conveying Systems	1805 2550 South Street	Ogden	Tony Torres	tony.torres@jbtcs.com	801-627-6600	UT
	JCB Construction, Inc.	X			X	Construction Logistics	800 West Gore St	Orlando	Gratten White	gwhite@jcbcon.net	407-425-9880	FL
	JCB Construction, Inc.	X			X	Dewatering	800 West Gore St	Orlando	Gratten White	gwhite@jcbcon.net	407-425-9880	FL
	JCB Construction, Inc.	X			X	Earthwork Improvements	800 West Gore St	Orlando	Gratten White	gwhite@jcbcon.net	407-425-9880	FL
	JCB Construction, Inc.	X			X	Erosion Control/SWPPP	800 West Gore St	Orlando	Gratten White	gwhite@jcbcon.net	407-425-9880	FL
	JCB Construction, Inc.	X			X	General Contracting	800 West Gore St	Orlando	Gratten White	gwhite@jcbcon.net	407-425-9880	FL
	JCB Construction, Inc.	X			X	Pond Liners	800 West Gore St	Orlando	Gratten White	gwhite@jcbcon.net	407-425-9880	FL
	JCB Construction, Inc.	X			X	Site Specialties	800 West Gore St	Orlando	Gratten White	gwhite@jcbcon.net	407-425-9880	FL
X	JCB Construction, Inc.	X			X	Site Utilities	800 West Gore St	Orlando	Gratten White	gwhite@jcbcon.net	407-425-9880	FL
X	JK2 Construction & Scenic					Millwork	541 Live Pine Circle	Apopka	Tim Bartell	tim.bartell@jk2.com	407-703-8997	FL
X	JMR Surveying Group					Architect and Engineer Services	345 Meadow Green Dr	Davenport	Jerry Rinnert	jrinert@jmrss.com	863-420-9617	FL
X	John B Webb & Associates, Inc.	X	X		X	Survey	925 S. Denning Drive	Winter Park	Jacqueline Webb	jackie.webb@webbengr.com	407-622-9322	FL
	Johnson Bros. Corporation, a Southland Company					Cast In Place Concrete	2462 W Sand Lake Rd	Orlando	Joe Coleman	jcoleman@johnson-bros.com	407-248-9208	FL
	Johnson Bros. Corporation, a Southland Company					Earthwork Improvements	2462 W Sand Lake Rd	Orlando	Joe Coleman	jcoleman@johnson-bros.com	407-248-9208	FL
	Johnson Bros. Corporation, a Southland Company					General Contracting	2462 W Sand Lake Rd	Orlando	Joe Coleman	jcoleman@johnson-bros.com	407-248-9208	FL
	Johnson Bros. Corporation, a Southland Company					Precast	2462 W Sand Lake Rd	Orlando	Joe Coleman	jcoleman@johnson-bros.com	407-248-9208	FL
	Johnson Bros. Corporation, a Southland Company					Retaining Walls	2462 W Sand Lake Rd	Orlando	Joe Coleman	jcoleman@johnson-bros.com	407-248-9208	FL
	Johnson Bros. Corporation, a Southland Company					Site Utilities	2462 W Sand Lake Rd	Orlando	Joe Coleman	jcoleman@johnson-bros.com	407-248-9208	FL
X	Johnson Bros. Corporation, a Southland Company					Structural Steel	2462 W Sand Lake Rd	Orlando	Joe Coleman	jcoleman@johnson-bros.com	407-248-9208	FL
X	Johnson Controls					Low Voltage Systems	1025 S Crystal Lake Dr	Orlando	Matthew Musheno	matthew.s.musheno@jci.com	770-241-3286	FL
	Johnson-Laux Construction, LLC	X			X	Building Specialties	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Cast In Place Concrete	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Construction Logistics	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Dewatering	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Doors & Hardware	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Earthwork Improvements	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Electrical	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Erosion Control/SWPPP	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Fire Protection	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Flooring	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Glazing	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Guard Rails & Barriers	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Gypsum Drywall and Ceilings	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Landscaping	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Masonry	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Mechanical	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Miscellaneous Metals	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Painting	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Paving	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Plumbing	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Precast	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Roofing	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Rough Carpentry	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Site Lighting	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Site Specialties	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Site Utilities	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Skylights	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Striping	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Structural Steel	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Survey	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Johnson-Laux Construction, LLC	X			X	Tensile Fabric Canopies	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Tile / Terrazzo	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Johnson-Laux Construction, LLC	X			X	Traffic Topping / Sealer	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
X	Johnson-Laux Construction, LLC	X			X	Waterproofing and Caulking	8100 Chancellor Dr, Suite 165	Orlando	Kevin Johnson	kevin@johnson-laux.com	407-770-2180	FL
	Jordan Brothers Construction d/b/a Jordan Companies					Cast In Place Concrete	189 South Orange Ave Suite 1550-S	Orlando	Dan Shaffer	dshaffer@jordancompanies.com	407-226-8840	FL
	Jordan Brothers Construction d/b/a Jordan Companies					Construction Logistics	189 South Orange Ave Suite 1550-S	Orlando	Dan Shaffer	dshaffer@jordancompanies.com	407-226-8840	FL
	Jordan Brothers Construction d/b/a Jordan Companies					Earthwork Improvements	189 South Orange Ave Suite 1550-S	Orlando	Dan Shaffer	dshaffer@jordancompanies.com	407-226-8840	FL
	Jordan Brothers Construction d/b/a Jordan Companies					Paving	189 South Orange Ave Suite 1550-S	Orlando	Dan Shaffer	dshaffer@jordancompanies.com	407-226-8840	FL
	Jordan Brothers Construction d/b/a Jordan Companies					Precast	189 South Orange Ave Suite 1550-S	Orlando	Dan Shaffer	dshaffer@jordancompanies.com	407-226-8840	FL
	Jordan Brothers Construction d/b/a Jordan Companies					Site Improvements	189 South Orange Ave Suite 1550-S	Orlando	Dan Shaffer	dshaffer@jordancompanies.com	407-226-8840	FL
	Jordan Brothers Construction d/b/a Jordan Companies					Site Specialties	189 South Orange Ave Suite 1550-S	Orlando	Dan Shaffer	dshaffer@jordancompanies.com	407-226-8840	FL
	Jordan Brothers Construction d/b/a Jordan Companies					Site Structures	189 South Orange Ave Suite 1550-S	Orlando	Dan Shaffer	dshaffer@jordancompanies.com	407-226-8840	FL
X	Jordan Brothers Construction d/b/a Jordan Companies					Site Utilities	189 South Orange Ave Suite 1550-S	Orlando	Dan Shaffer	dshaffer@jordancompanies.com	407-226-8840	FL
	Jr. Davis Construction Company, Inc.					Dewatering	210 S Hoagland Blvd	Kissimmee	Tyson Snyder	tyson.snyder@jr-davis.com	407-870-0066	FL
	Jr. Davis Construction Company, Inc.					Earthwork Improvements	210 S Hoagland Blvd	Kissimmee	Tyson Snyder	tyson.snyder@jr-davis.com	407-870-0066	FL
	Jr. Davis Construction Company, Inc.					Electrical	210 S Hoagland Blvd	Kissimmee	Tyson Snyder	tyson.snyder@jr-davis.com	407-870-0066	FL
	Jr. Davis Construction Company, Inc.					Erosion Control/SWPPP	210 S Hoagland Blvd	Kissimmee	Tyson Snyder	tyson.snyder@jr-davis.com	407-870-0066	FL
	Jr. Davis Construction Company, Inc.					Paving	210 S Hoagland Blvd	Kissimmee	Tyson Snyder	tyson.snyder@jr-davis.com	407-870-0066	FL
	Jr. Davis Construction Company, Inc.					Site Utilities	210 S Hoagland Blvd	Kissimmee	Tyson Snyder	tyson.snyder@jr-davis.com	407-870-0066	FL
X	Jr. Davis Construction Company, Inc.					Striping	210 S Hoagland Blvd	Kissimmee	Tyson Snyder	tyson.snyder@jr-davis.com	407-870-0066	FL
X	JSC Systems					Low Voltage Systems	1985 Corporate Square	Orlando	Patrick Swihart	p.swihart@jscsystems.net	904-737-3511	FL
	Juve Construction Inc					Carpentry	910 Lewis Pl	Longwood	Juventino Leos	jleos55@aol.com	(407) 304-9838	FL
	Juve Construction Inc					Concrete Materials	910 Lewis Pl	Longwood	Juventino Leos	jleos55@aol.com	(407) 304-9838	FL
	Juve Construction Inc					Construction Logistics	910 Lewis Pl	Longwood	Juventino Leos	jleos55@aol.com	(407) 304-9838	FL
X	Juve Construction Inc					Gypsum Drywall and Ceilings	910 Lewis Pl	Longwood	Juventino Leos	jleos55@aol.com	(407) 304-9838	FL
	JWP Iron and Fence, LLC	X	X		X	Miscellaneous Metals	629 Carpenter Road	Orlando		jwpironandfence@gmail.com	917-991-9052	FL
X	JWP Iron and Fence, LLC	X	X		X	Site Specialties	629 Carpenter Road	Orlando		jwpironandfence@gmail.com	917-991-9052	FL
	K & M Electrics1 Inc.	X	X		X	Electrical	6415 Undine Way,	Orlando	Mike Donastorg	k_melectrics1@aol.com	407-468-2550	FL
X	K & M Electrics1 Inc.	X	X		X	Low Voltage Systems	6415 Undine Way,	Orlando	Mike Donastorg	k_melectrics1@aol.com	407-468-2550	FL
	KBC Construction, LLC	X	X		X	Earthwork Improvements	6220 S. Orange Blossom Trail, Suite 171	Orlando	Bijay Panigrahi	bpanigrahi@kbcfl.com	407-506-4015	FL
	KBC Construction, LLC	X	X		X	Site Improvements	6220 S. Orange Blossom Trail, Suite 171	Orlando	Bijay Panigrahi	bpanigrahi@kbcfl.com	407-506-4015	FL
	KBC Construction, LLC	X	X		X	Site Structures	6220 S. Orange Blossom Trail, Suite 171	Orlando	Bijay Panigrahi	bpanigrahi@kbcfl.com	407-506-4015	FL
X	KBC Construction, LLC	X	X		X	Site Utilities	6220 S. Orange Blossom Trail, Suite 171	Orlando	Bijay Panigrahi	bpanigrahi@kbcfl.com	407-506-4015	FL
X	KBI Staffing Solutions LLC	X	X		X	Construction Logistics	PO Box 950297	Lake Mary	Tiffany Hughes	t.hughes@kbistaffingsolutions.com	407-506-4015	FL
	KEAR Civil Corporation					Fuel Systems	18 Commerce Dr	Danbury	Matt Smith	matt.smith@kearcorp.com	623-742-2322	CT
	KEAR Civil Corporation					Paving	18 Commerce Dr	Danbury	Matt Smith	matt.smith@kearcorp.com	623-742-2322	CT
X	KEAR Civil Corporation					Site Utilities	18 Commerce Dr	Danbury	Matt Smith	matt.smith@kearcorp.com	623-742-2322	CT
	Keenan Hopkins Schmidt & Stowell Contractors, Inc					Cementitious Siding	5422 Bay Center Dr	Tampa	Neal Harris	neal.harris@khss.com	407-425-5550	FL
X	Keenan Hopkins Schmidt & Stowell Contractors, Inc					Gypsum Drywall and Ceilings	5422 Bay Center Dr	Tampa	Neal Harris	neal.harris@khss.com	407-425-5550	FL
	Kenpat Central Florida, LLC					Gypsum Drywall and Ceilings	516 Cooper Commerce Dr	Apopka	Philip Klote	pklote@kenpat.net	407-464-7070	FL
X	Kenpat Central Florida, LLC					Fireproofing	516 Cooper Commerce Dr	Apopka	Philip Klote	pklote@kenpat.net	407-464-7070	FL
X	Kenpat Fireproofing, LLC					Fire Protection	516 Cooper Commerce Dr	Apopka	Philip Klote	pklote@kenpat.net	407-464-7070	FL
	Kiewit Infrastructures South Co.					Cast In Place Concrete	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Construction Logistics	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Dewatering	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Earthwork Improvements	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Electrical	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Erosion Control/SWPPP	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					General Contracting	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Guard Rails & Barriers	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Paving	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Pile Foundations	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Pond Liners	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Precast	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Kiewit Infrastructures South Co.					Precast	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Site Specialties	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Site Structures	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Site Utilities	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
	Kiewit Infrastructures South Co.					Structural Steel	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
X	Kiewit Infrastructures South Co.					Tensile Fabric Canopies	1580 Sawgrass Corporate Pwy, Ste 300	Sunrise	Tom Thorn	tom.thorn@kiewit.com	954-835-2228	FL
X	King Construction and Energy Management				X	General Contracting	4174 Lake Ned Village Cir	Cypress Gardens	Bob Garrett	kingconstruction2006@gmail.com	407-300-9832	FL
X	King Intelligence and Security Services, Inc.	X				Construction Logistics	2880 W Oakland Park Blvd, 211,	Oakland Park	Kaola King	kaola@kingintellsec.com	954-302-2600	FL
X	Kinley Construction System					Fuel Systems	7301 Commercial Blvd E	Arlington	Lawrence Crisafulli	lcrisafulli@kinleyconstruction.com	817-461-2100	TX
X	Kirby Rentals LLC					Construction Logistics	411 Hames Ave	Orlando	Rebecca Boaz	Becky@kirbytent.com	407-422-1000	FL
	Kirlin Florida, LLC					Mechanical	3125 West Commercial Blvd, Suite 200	Fort Lauderdale		jbordeau@jklc.com	954-739-8100	FL
	Kirlin Florida, LLC					Plumbing	3125 West Commercial Blvd, Suite 200	Fort Lauderdale		jbordeau@jklc.com	954-739-8100	FL
X	Kirlin Florida, LLC					Fire Protection	3125 West Commercial Blvd, Suite 200	Fort Lauderdale		jbordeau@jklc.com	954-739-8100	FL
	Kistler McDougall Corporation					Metal Panels	310 Creekstone Ridge	Woodstock	Angie Monroe	angie@kmcorgusa.com	770-928-3830	GA
X	Kistler McDougall Corporation					Miscellaneous Metals	310 Creekstone Ridge	Woodstock	Angie Monroe	angie@kmcorgusa.com	770-928-3830	GA
	Kobo Utility Construction Corp.					Electrical	4 Victory Dr	Sandwich	Rebecca Curtis	rebecca@koboutility.com	(508) 888-2255	MA
	Kobo Utility Construction Corp.					Low Voltage Systems	4 Victory Dr	Sandwich	Rebecca Curtis	rebecca@koboutility.com	(508) 888-2255	MA
	Kobo Utility Construction Corp.					Site Lighting	4 Victory Dr	Sandwich	Rebecca Curtis	rebecca@koboutility.com	(508) 888-2255	MA
X	Kobo Utility Construction Corp.					Special Construction	4 Victory Dr	Sandwich	Rebecca Curtis	rebecca@koboutility.com	(508) 888-2255	MA
X	KONE, Inc.					Conveying Systems	10003 Satellite Blvd, Suite 203	Orlando	Taylor Vaughan	taylor.vaughan@kone.com	407-812-8033	FL
X	Kratos Public Safety & Security Solutions, Inc					Low Voltage Systems	8601 Transport Dr	Orlando	Marcia Jackson	marcia.jackson@kratosps.com	407-364-4817	FL
	Krueger International, Inc.					Metal Panels	1330 Bellevue St	Green Bay	Richard Resch	andrew.van.straten@ki.com	(920) 468-8100	WI
	Krueger International, Inc.					Glazing	1330 Bellevue St	Green Bay	Richard Resch	andrew.van.straten@ki.com	(920) 468-8100	WI
X	Krueger International, Inc.					Furnishings and Fixtures	1330 Bellevue St	Green Bay	Richard Resch	andrew.van.straten@ki.com	(920) 468-8100	WI
	L&H Signs, Inc.					Site Improvements	425 North 3rd St	Reading	Quinten Heinly	quintenh@lshsigns.com	610-750-3639	PA
	L&H Signs, Inc.					Metal Panels	425 North 3rd St	Reading	Quinten Heinly	quintenh@lshsigns.com	610-750-3639	PA
	L&H Signs, Inc.					Miscellaneous Metals	425 North 3rd St	Reading	Quinten Heinly	quintenh@lshsigns.com	610-750-3639	PA
X	L&H Signs, Inc.					Signage	425 North 3rd St	Reading	Quinten Heinly	quintenh@lshsigns.com	610-750-3639	PA
	L&S Diversified, LLC	X	X		X	Architect and Engineer Services	405 Lake Howell Rd	Maitland	Sherry Manor	Sherry.Manor@LSsurveyor.com	407-681-3836	FL
	L&S Diversified, LLC	X	X		X	Construction Logistics	405 Lake Howell Rd	Maitland	Sherry Manor	Sherry.Manor@LSsurveyor.com	407-681-3836	FL
	L&S Diversified, LLC	X	X		X	Testing And Inspection	405 Lake Howell Rd	Maitland	Sherry Manor	Sherry.Manor@LSsurveyor.com	407-681-3836	FL
X	L&S Diversified, LLC	X	X		X	Survey	405 Lake Howell Rd	Maitland	Sherry Manor	Sherry.Manor@LSsurveyor.com	407-681-3836	FL
X	L.R.E. Ground Services, Inc.					Pressure Grout Soil Improvements	1115 S Main St,	Brooksville	Dan Stanley	commercialprojects@lregsi.com	352-796-0229	FL
X	Labor For Hire					Construction Logistics	2345 W Sand Lake Rd, 150 A & B	Orlando	Marion Lamb	mlamb@lfhservices.com	407-930-5858	FL
	Lake Mechanical Contractors, Inc.					Mechanical	343 N Bay St	Eustis		gmckinley@lakemechanical.net	352-357-3136	FL
X	Lake Mechanical Contractors, Inc.					Plumbing	343 N Bay St	Eustis		gmckinley@lakemechanical.net	352-357-3136	FL
X	Larry Simmons, Inc.	X	X		X	Millwork	249 N Ivey Ln, Suite A	Orlando	Larry Simmons	estimating.creativeoak@gmail.com	(407) 423-8143	FL
	Lavi Industries Corporation					Construction Logistics	3034 Cascade Dr	Clearwater	Juan Baeza	juanb@lavi.com	(661) 219-3132	FL
	Lavi Industries Corporation					Furnishings and Fixtures	3034 Cascade Dr	Clearwater	Juan Baeza	juanb@lavi.com	(661) 219-3132	FL
	Lavi Industries Corporation					Signage	3034 Cascade Dr	Clearwater	Juan Baeza	juanb@lavi.com	(661) 219-3132	FL
X	Lavi Industries Corporation					Metal Panels	3034 Cascade Dr	Clearwater	Juan Baeza	juanb@lavi.com	(661) 219-3132	FL
X	LB Transportation Consulting, Inc,	X				Architect and Engineer Services	130 Barrow St, 418	New York	Lena Bansal	lena.bansal@lbtcconsulting.com	646-453-9595	NY
	Lead Engineering Contractors, LLC				X	Earthwork Improvements	5201 Blue Lagoon Dr	Miami	Joanna Flores	jflores@lead-ec.com	305-615-3272	FL
X	Lead Engineering Contractors, LLC				X	General Contracting	5201 Blue Lagoon Dr	Miami	Joanna Flores	jflores@lead-ec.com	305-615-3272	FL
	Leesburg Concrete Company, Inc					Miscellaneous Metals	1335 Thomas Avenue	Leesburg	George Wilson	gwilson@leesburgconcrete.com	352-787-4177	FL
X	Leesburg Concrete Company, Inc					Precast	1335 Thomas Avenue	Leesburg	George Wilson	gwilson@leesburgconcrete.com	352-787-4177	FL
	Leo's Construction Services, Inc.					Doors & Hardware	1146 N Scenic Hwy	Lake Wales		info@leoscs.com	863-676-3399	FL
	Leo's Construction Services, Inc.					Gypsum Drywall and Ceilings	1146 N Scenic Hwy	Lake Wales		info@leoscs.com	863-676-3399	FL
	Leo's Construction Services, Inc.					Painting	1146 N Scenic Hwy	Lake Wales		info@leoscs.com	863-676-3399	FL
X	Leo's Construction Services, Inc.					Rough Carpentry	1146 N Scenic Hwy	Lake Wales		info@leoscs.com	863-676-3399	FL
	Lexicon, Inc d/b/a Prospect Steel Company					Miscellaneous Metals	8900 Fourche Dam Pike	Little Rock	Gary Whitmer	garyw@lexicon-inc.com	501-490-2300	AR
X	Lexicon, Inc d/b/a Prospect Steel Company					Structural Steel	8900 Fourche Dam Pike	Little Rock	Gary Whitmer	garyw@lexicon-inc.com	501-490-2300	AR
X	Liberty Services					Waterproofing and Caulking	722 Sybilwood Cir	Winter Springs	John Churilla	libertywaterproofing@gmail.com		FL
	Linel A Division of Mestek Inc					Metal Panels	101 Linel Dr	Mooresville	George Petzen	jpedito@linel.co	317-584-0513	IN

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Lineal A Division of Mestek Inc					Miscellaneous Metals	101 Lineal Dr	Mooreville	George Petzen	ppedigo@lineal.co	317-584-0513	IN
X	Lineal A Division of Mestek Inc					Skylights	101 Lineal Dr	Mooreville	George Petzen	ppedigo@lineal.co	317-584-0513	IN
X	Lotspeich Company, Inc.					Gypsum Drywall and Ceilings	16101 NW 54th Ave	Miami		markm@lotspeich.com	305-624-7777	FL
	Loyal Waterproofing Construction Inc	X				Waterproofing and Caulking		Hernado	Evelyn D'Amato	loyalwaterproofing@tampabay.rr.com	352-601-7747	FL
X	Loyal Waterproofing Construction Inc	X				Traffic Topping / Sealer		Hernado	Evelyn D'Amato	loyalwaterproofing@tampabay.rr.com	352-601-7747	FL
	Lutron Electronics Co., Inc.					Electrical	130 Calle Cuervo	San Clemente	Jeremy McCavera	jmccavera@lutron.com	610-282-3800	CA
	Lutron Electronics Co., Inc.					Window Treatments	130 Calle Cuervo	San Clemente	Jeremy McCavera	jmccavera@lutron.com	610-282-3800	CA
X	Lutron Electronics Co., Inc.					Furnishings and Fixtures	130 Calle Cuervo	San Clemente	Jeremy McCavera	jmccavera@lutron.com	610-282-3800	CA
	M&M Electric of Central Florida, Inc.	X	X		X	Electrical	6100 Canal Rd Lot 26	Orlando	Walt Phelan	walt@mmelectricfl.com	407-982-4464	FL
X	M&M Electric of Central Florida, Inc.	X	X		X	Site Lighting	6100 Canal Rd Lot 26	Orlando	Walt Phelan	walt@mmelectricfl.com	407-982-4464	FL
	M.C.O. Construction and Services, Inc	X			X	Architect and Engineer Services	6600 NW 27th Ave	Miami	Ann McNeill	president@mcoconstruction.net	(305) 693-4344	FL
X	M.C.O. Construction and Services, Inc	X			X	Special Construction	6600 NW 27th Ave	Miami	Ann McNeill	president@mcoconstruction.net	(305) 693-4344	FL
	M.E. Jackson Group, Inc. dba Weld Solutions Technology	X				Conveying Systems	4600 Old Lucerne Park Rd Unit 5	Winter Haven	Gregory Jackson	Gjackson@weldst.com	863-651-9628	FL*
	M.E. Jackson Group, Inc. dba Weld Solutions Technology	X				Miscellaneous Metals	4600 Old Lucerne Park Rd Unit 5	Winter Haven	Gregory Jackson	Gjackson@weldst.com	863-651-9628	FL*
X	M.E. Jackson Group, Inc. dba Weld Solutions Technology	X				Structural Steel	4600 Old Lucerne Park Rd Unit 5	Winter Haven	Gregory Jackson	Gjackson@weldst.com	863-651-9628	FL*
X	Maintenance Team Solutions					Construction Logistics	4248 Town Center Blvd #1	Orlando	Milagros Soto	ms@mtsorlando.com	407-668-2803	FL
	Malcom Drilling Company, Inc.					Dewatering	6426 NW 5th Way	Fort Lauderdale	Paulina Jaworski	pjaworski@malcolmdrilling.com	954-947-3644	FL
	Malcom Drilling Company, Inc.					Pile Foundations	6426 NW 5th Way	Fort Lauderdale	Paulina Jaworski	pjaworski@malcolmdrilling.com	954-947-3644	FL
X	Malcom Drilling Company, Inc.					Pressure Grout Soil Improvements	6426 NW 5th Way	Fort Lauderdale	Paulina Jaworski	pjaworski@malcolmdrilling.com	954-947-3644	FL
	Mammoth Constructors, LLC					Drilling	390 Golden Gem Dr	Umatilla	Estimating Department	bids@mammothconstructors.com	352-771-5634	FL
X	Mammoth Constructors, LLC					Pile Foundations	390 Golden Gem Dr	Umatilla	Estimating Department	bids@mammothconstructors.com	352-771-5634	FL
X	Master Consulting Engineers, Inc.	X			X	Architect and Engineer Services	5950 Lakehurst Dr, Suite 183	Orlando	Armando Castellon	marketing@mcengineers.com	813-287-3600	FL
	Matcon Construction Services, Inc.	X			X	Cast in Place Concrete	1717 E Busch Blvd	Tampa	Derek Mateos	derek@matconconstruction.com	813-600-5555	FL
	Matcon Construction Services, Inc.	X			X	General Contracting	1717 E Busch Blvd	Tampa	Derek Mateos	derek@matconconstruction.com	813-600-5555	FL
	Matcon Construction Services, Inc.	X			X	Masonry	1717 E Busch Blvd	Tampa	Derek Mateos	derek@matconconstruction.com	813-600-5555	FL
	Matcon Construction Services, Inc.	X			X	Pile Foundations	1717 E Busch Blvd	Tampa	Derek Mateos	derek@matconconstruction.com	813-600-5555	FL
X	Matcon Construction Services, Inc.	X			X	Pressure Grout Soil Improvements	1717 E Busch Blvd	Tampa	Derek Mateos	derek@matconconstruction.com	813-600-5555	FL
X	Maverick Constructors, LLC	X			X	Miscellaneous Metals	5324 Van Dyke Rd	Lutz	Carlos Rodriguez	carlosr@mavcon.net	813-964-5220	FL
X	Maxim Crane Works, L.P.					Hoisting	170 N Goldenrod Rd	Orlando	Sean Spence	sspence@maximcrane.com	407-277-5000	FL
	MC Dean, Inc.					Electrical	400 Martin Luther King Ave	Clearwater	Matt Kilpatrick	matthew.kilpatrick@mcdean.com	703-483-1732	FL
	MC Dean, Inc.					Low Voltage Systems	400 Martin Luther King Ave	Clearwater	Matt Kilpatrick	matthew.kilpatrick@mcdean.com	703-483-1732	FL
	MC Dean, Inc.					Site Lighting	400 Martin Luther King Ave	Clearwater	Matt Kilpatrick	matthew.kilpatrick@mcdean.com	703-483-1732	FL
X	MC Dean, Inc.					Site Utilities	400 Martin Luther King Ave	Clearwater	Matt Kilpatrick	matthew.kilpatrick@mcdean.com	703-483-1732	FL
	MC2, Inc.					Building Specialties	2290 West Airport Blvd	Sanford	Russ Escamilla	rescamilla@mc2inc.net	407-859-6802	FL
	MC2, Inc.					Electrical	2290 West Airport Blvd	Sanford	Russ Escamilla	rescamilla@mc2inc.net	407-859-6802	FL
	MC2, Inc.					Fire Protection	2290 West Airport Blvd	Sanford	Russ Escamilla	rescamilla@mc2inc.net	407-859-6802	FL
	MC2, Inc.					Mechanical	2290 West Airport Blvd	Sanford	Russ Escamilla	rescamilla@mc2inc.net	407-859-6802	FL
X	MC2, Inc.					Low Voltage Systems	2290 West Airport Blvd	Sanford	Russ Escamilla	rescamilla@mc2inc.net	407-859-6802	FL
X	MCC Mechanical					Mechanical	531 Cooper Industrial Pkwy, Suite A	Apopka		bmirus@bernhardmcc.com	225-706-9280	FL
X	McCarthy Improvement Company					General Contracting	5401 Victoria Ave	Davenport	Michael Boyle	mboyle@mccarthyimprovement.com	864-918-6126	IA
X	McCree Inc					General Contractor	500 E Princeton St	Orlando	Richard McCree	rtmjr@McCree.com	407-898-4821	FL
	Mcgilvray Mechanical, LLC					Fire Protection	2001 N Andrews Ave	Pompano Beach	Felicia Layuno	flayuno@mcgilvraymechanical.com	305-592-5910	FL
	Mcgilvray Mechanical, LLC					Mechanical	2001 N Andrews Ave	Pompano Beach	Felicia Layuno	flayuno@mcgilvraymechanical.com	305-592-5910	FL
X	Mcgilvray Mechanical, LLC					Plumbing	2001 N Andrews Ave	Pompano Beach	Felicia Layuno	flayuno@mcgilvraymechanical.com	305-592-5910	FL
X	McGrath Rent Corp. DBA Mobile Modular Management Corp.					Construction Logistics	1100 Hwy 559	Auburndale	Carolyn Prescott	Carolyn.prescott@mgrc.com	863-965-3700	FL
X	McNeill Palm, LLC					Window Treatments	1191 Eglin Pkwy, Suite C	Shalimar	Brenda Hamrick	brenda@mcneillpalm.com	850-613-6228	FL
X	MDM Services, Inc.	X				General Contracting	1055 Kathleen Rd	Lakeland	Dhivy Sathianathan	dhivy@mdmservices.com	(863) 559-8260	FL
	Mercon Construction Company					Earthwork Improvements	5703 Red Bug Lake Road, #332	Winter Springs	Mehrdad Moradi	mmoradi@merconconstruction.com	407-260-6710	FL
	Mercon Construction Company					Paving	5703 Red Bug Lake Road, #332	Winter Springs	Mehrdad Moradi	mmoradi@merconconstruction.com	407-260-6710	FL
X	Mercon Construction Company					Site Utilities	5703 Red Bug Lake Road, #332	Winter Springs	Mehrdad Moradi	mmoradi@merconconstruction.com	407-260-6710	FL
	Merit Fasteners Corporation	X			X	Construction Logistics	5416 56th Commerce Park Blvd	Tampa	Donna Young	dyoung@meritfasteners.com	407-331-4815	FL
	Merit Fasteners Corporation	X			X	Miscellaneous Metals	5416 56th Commerce Park Blvd	Tampa	Donna Young	dyoung@meritfasteners.com	407-331-4815	FL
	Merit Fasteners Corporation	X			X	Structural Steel	5416 56th Commerce Park Blvd	Tampa	Donna Young	dyoung@meritfasteners.com	407-331-4815	FL
X	Merit Fasteners Corporation	X			X	Waterproofing and Caulking	5416 56th Commerce Park Blvd	Tampa	Donna Young	dyoung@meritfasteners.com	407-331-4815	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Meryman Environmental, Inc.				X	Erosion Control/SWPPP	10408 Bloomingdale Ave	Riverview	Dale Meryman	dale.meryman@merymanenvironmental.com	888-626-9551	FL
X	Meryman Environmental, Inc.				X	Landscaping	10408 Bloomingdale Ave	Riverview	Dale Meryman	dale.meryman@merymanenvironmental.com	888-626-9551	FL
	Met-Con					Miscellaneous Metals	465 Canaveral Groves Blvd	Cocoa	Hiranand Katari	estimating@metconinc.com	321-632-4880	FL
X	Met-Con					Structural Steel	465 Canaveral Groves Blvd	Cocoa	Hiranand Katari	estimating@metconinc.com	321-632-4880	FL
	Metromont Corporation					Precast	4151 US Hwy 17 S	Bartow	Eric Scherden	escherden@metromont.com	863-440-5491	FL
X	Metromont Corporation					Precast	4151 US Hwy 17 S	Bartow	Eric Scherden	escherden@metromont.com	863-440-5491	FL
	Mettron Contracting, Inc.	X	X			Earthwork Improvements	6160 Edgewater Drive, Suite I	Orlando	Caleb Hannah	mettroncont@aol.com	407-313-0757	FL
	Mettron Contracting, Inc.	X	X			Fire Protection	6160 Edgewater Drive, Suite I	Orlando	Caleb Hannah	mettroncont@aol.com	407-313-0757	FL
	Mettron Contracting, Inc.	X	X			Plumbing	6160 Edgewater Drive, Suite I	Orlando	Caleb Hannah	mettroncont@aol.com	407-313-0757	FL
X	Mettron Contracting, Inc.	X	X			Site Utilities	6160 Edgewater Drive, Suite I	Orlando	Caleb Hannah	mettroncont@aol.com	407-313-0757	FL
	Midwest Steel, Inc.					Miscellaneous Metals	6250 Hazeltine National Dr, Suite 100	Orlando		jcomparato@midwestSteel.com	407-473-0283	FL
	Midwest Steel, Inc.					Precast	6250 Hazeltine National Dr, Suite 100	Orlando		jcomparato@midwestSteel.com	407-473-0283	FL
X	Midwest Steel, Inc.					Structural Steel	6250 Hazeltine National Dr, Suite 100	Orlando		jcomparato@midwestSteel.com	407-473-0283	FL
	Miller Paneling					Metal Panels	Fiddlesticks Blvd, #202-312	Ft. Myers	Hector Alicea	estimating@millerpaneling.com	239-247-2812	FL
	Miller Paneling					Painting	Fiddlesticks Blvd, #202-312	Ft. Myers	Hector Alicea	estimating@millerpaneling.com	239-247-2812	FL
	Miller Paneling					Special Wall Panels	Fiddlesticks Blvd, #202-312	Ft. Myers	Hector Alicea	estimating@millerpaneling.com	239-247-2812	FL
X	Miller Paneling					Cementitious Siding	Fiddlesticks Blvd, #202-312	Ft. Myers	Hector Alicea	estimating@millerpaneling.com	239-247-2812	FL
X	Mills & Nebraska					Doors & Hardware	2721 Regent Ave, Orlando,	Orlando	BRIDGET PULSIFER	estimating@millsnebraska.com	407-896-0333	FL
	Milton J Wood Fire Protection					Fire Protection	3805 Faye Rd	Jacksonville	Glenn Painter	gpainter@mjwood.com	904-353-4055	FL
X	Milton J Wood Fire Protection					Guard Rails & Barriers	3805 Faye Rd	Jacksonville	Glenn Painter	gpainter@mjwood.com	904-353-4055	FL
X	Modern Plumbing Inc.					Plumbing	255 Old Sanford Oviedo Rd	Winter Springs	Doug Patterson	estimating@modernpi.com	407-327-6000	FL
X	Modular Building Systems International, LLC	X	X		X	Construction Logistics	614 E Highway 50, Suite 326	Clermont	Patricia Berk	pberk@mbsi.com	407-905-9951	FL
X	Modular Space Corporation dba ModSpace					Construction Logistics	1200 Swedesford Rd	Berwyn	Jimmy Kelley	jimmy.kelley@modspace.com	412-584-3586	PA
	Moretrench Environmental Services					Pile Foundations	189 Jamaica Ln	Orlando		sbesley@moretrench.com	407-897-8562	FL
	Moretrench Environmental Services					Pressure Grout Soil Improvements	189 Jamaica Ln	Orlando		sbesley@moretrench.com	407-897-8562	FL
X	Moretrench Environmental Services					Site Specialties	189 Jamaica Ln	Orlando		sbesley@moretrench.com	407-897-8562	FL
	Morgan Air Conditioning, LLC	X				HVAC	14807 N 12th St	Lutz	Brainard Morgan	morgancommercial@gmail.com	813 406 1723	FL
	Morgan Air Conditioning, LLC	X				Test And Balance	14807 N 12th St	Lutz	Brainard Morgan	morgancommercial@gmail.com	813 406 1723	FL
X	Morgan Air Conditioning, LLC	X				Glazing	14807 N 12th St	Lutz	Brainard Morgan	morgancommercial@gmail.com	813 406 1723	FL
	Morris-Shea Bridge Co, Inc					Pile Foundations	609 20th St S	Irondale	David Rogers	drogers@morris-shea.com	205-956-9518	AL
X	Morris-Shea Bridge Co, Inc					Pressure Grout Soil Improvements	609 20th St S	Irondale	David Rogers	drogers@morris-shea.com	205-956-9518	AL
	Morse Group					Electrical	500 W. South St	Freeport	Sam Myers	sam.myers@themorsegroup.com	702-218-1638	IL
X	Morse Group					Low Voltage Systems	500 W. South St	Freeport	Sam Myers	sam.myers@themorsegroup.com	702-218-1638	IL
	Morton Electric, Inc.					Electrical	3625 W 1st St	Sanford	John Armstrong	john@mortonelectricinc.com	407-830-1000	FL
X	Morton Electric, Inc.					Site Lighting	3625 W 1st St	Sanford	John Armstrong	john@mortonelectricinc.com	407-830-1000	FL
X	Mr. Davids Flooring International					Flooring	St Augustine	St Augustine	Paul Winter	paulw@mrdavids.com	847-250-4700	FL
X	MSE Group, LLC	X			X	Architect and Engineer Services	5858 S Semoran Blvd	Orlando	Paulina Bruck	pbruck@msegrou.com	(407) 629-8180	FL
	MSE2 Inc dba Mader Southeast					Gypsum Drywall and Ceilings	2300 E Landstreet Rd	Orlando	Karl Pearson	kpearson@madersoutheast.com	407-877-8818	FL
X	MSE2 Inc dba Mader Southeast					Rough Carpentry	2300 E Landstreet Rd	Orlando	Karl Pearson	kpearson@madersoutheast.com	407-877-8818	FL
X	MULE Engineering, Inc.	X	X	X		General Contracting	13019 Shadow Bend Ct	Winter Garden	Michael Ulekowski	mike.ulekowski@mule-eng.com	407-543-6414	FL
	Munilla Construction Management, LLC					Cast in Place Concrete	6201 SW 70th St, 2nd Floor	South Miami	Eugenio Jaramillo	eugenio@mcm-us.com	305-970-1211	FL
	Munilla Construction Management, LLC					Earthwork Improvements	6201 SW 70th St, 2nd Floor	South Miami	Eugenio Jaramillo	eugenio@mcm-us.com	305-970-1211	FL
	Munilla Construction Management, LLC					General Contracting	6201 SW 70th St, 2nd Floor	South Miami	Eugenio Jaramillo	eugenio@mcm-us.com	305-970-1211	FL
	Munilla Construction Management, LLC					Site Improvements	6201 SW 70th St, 2nd Floor	South Miami	Eugenio Jaramillo	eugenio@mcm-us.com	305-970-1211	FL
X	Munilla Construction Management, LLC					Site Utilities	6201 SW 70th St, 2nd Floor	South Miami	Eugenio Jaramillo	eugenio@mcm-us.com	305-970-1211	FL
	Musco Sports Lighting, LLC					Building Materials	2107 Stewart Rd,	Muscataine	Trey Rowland	trey.rowland@musco.com	641-676-2184	IA
	Musco Sports Lighting, LLC					Electrical	2107 Stewart Rd,	Muscataine	Trey Rowland	trey.rowland@musco.com	641-676-2184	IA
X	Musco Sports Lighting, LLC					Site Lighting	2107 Stewart Rd,	Muscataine	Trey Rowland	trey.rowland@musco.com	641-676-2184	IA
	Nadic Engineering Services, Inc.	X	X		X	Construction Logistics	601 N. Hart Blvd.	Orlando	Godwin Nnadi	gnnadi@nadicinc.com	407-521-4771	FL
X	Nadic Engineering Services, Inc.	X	X		X	Architect and Engineer Services	601 N. Hart Blvd.	Orlando	Godwin Nnadi	gnnadi@nadicinc.com	407-521-4771	FL
X	Naej Security Inc	X	X		X	Construction Logistics	4700 Millenia Blvd, 175,	Orlando	Bobby Powell	naejsecurity@gmail.com	407-509-8907	FL
	Nash Plumbing and Mechanical, LLC					Mechanical	PO Box 98	Coleman	John Gallico	jgallico@nashincp-m.com	352-748-1454	FL
X	Nash Plumbing and Mechanical, LLC					Plumbing	PO Box 98	Coleman	John Gallico	jgallico@nashincp-m.com	352-748-1454	FL
X	National Business Liquidators, Inc. dba Common Sense Office Furniture Services, Inc.					Building Materials	390 N. Orange Ave. Suite 150	Orlando	Carolyn Carney	carolyn@commonsenseof.com	407-206-5040	FL*

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	National Engineering & Repair Corp					Flooring	11705 Boyette Rd	Riverview	Scott Heinzen	scott@coatingsincorporated.com	813-319-3985	FL
X	National Plant Lease Corp					Landscaping	3093 Caruso Ct, Suite 10	Orlando	Harris Lear	nationalplants@earthlink.net	407-423-5050	FL
X	National Surface, Inc.					Construction Logistics	5 Papago Circle,	Pensacola	Trevor Pant	tpant@nationalsurfaces.com	850-341-2324	FL*
X	Nations Roof					Roofing	1313 East Landstreet Road	Orlando	Rich Nugent	rnugent@nationsroof.com	678-279-2466	FL
X	New Energy Service, Inc.					Electrical	3050 S Hopkins Ave	Titusville		john@newenergyservice.net	321-269-1124	FL
X	Next Generation Scaffold Services, Inc.					Construction Logistics	710 Mooney St,	Bartow	Chelsey Cooper	Chelsea.cooper@nextgenscaffold.com	863-578-4174	FL*
X	Nicholson Construction Company					Pile Foundations	17535 Darby Ln	Lutz		laurent.lefebvre@nicholsonconstruction.com	727-223-5979	FL
X	Nortex Modular Leasing and Construction Co.					Construction Logistics	555 Jubilee Lane #A	Lewisville		dsanders@boxmodular.com	850-559-4494	TX
	North Alabama Fabricating Company, Inc					Miscellaneous Metals	4632 Richard Arrington Jr Blvd N	Birmingham	John Harris	jharris@nafcofab.com	205-591-5554	AL
X	North Alabama Fabricating Company, Inc					Structural Steel	4632 Richard Arrington Jr Blvd N	Birmingham	John Harris	jharris@nafcofab.com	205-591-5554	AL
	North American Roofing Services, Inc.					Roofing	14205 Riveredge Dr, Suite 600	Tampa	Austin Perez	aperez@naroofting.com	(800) 551-5602	FL
X	North American Roofing Services, Inc.					Waterproofing and Caulking	14205 Riveredge Dr, Suite 600	Tampa	Austin Perez	aperez@naroofting.com	(800) 551-5602	FL
	Northern Electric, Inc					Electrical	12789 Emerson St	Thornton	Joshua Williford	jwilliford@northernelec.com	303-428-6969	CO
X	Northern Electric, Inc					Low Voltage Systems	12790 Emerson St	Thornton	Joshua Williford	jwilliford@northernelec.com	303-428-6970	CO
	NOVA Engineering & Environmental LLC					Architect and Engineer Services	7999 Mercantile St #14	North Fort Myers	Melissa Greczy	mgreczy@usanova.com		FL
X	NOVA Engineering & Environmental LLC					Construction Logistics	7999 Mercantile St #14	North Fort Myers	Melissa Greczy	mgreczy@usanova.com		FL
	N-RG Cladding, LLC					Building Specialties	516 Cooper Commerce Dr	Apopka		pwolmarans@n-rgcladding.com	407-410-6002	FL
X	N-RG Cladding, LLC					Metal Panels	516 Cooper Commerce Dr	Apopka		pwolmarans@n-rgcladding.com	407-410-6002	FL
X	NSM Florida Enterprises, LLC dba Natural Stone Motif	X				Millwork	1050 Central Park Dr	Sanford	Stephen Fiumara	stephen@nsmotif.com	407-446-2200	FL
X	NW Sign Industries, Inc.					Signage	1170 109th Street	Grand Prairie	Suzanne Costanza	scostanza@nwsignindustries.com	856-802-1677	TX
X	OAI Corporation					Building Specialties	4545 W Hillsborough Ave	Tampa	Shamyl Dicristanziano	marketing@OAIcorp.com	813-888-8796	FL*
	Odyssey Global					Cast In Place Concrete		Orlando	Carl Leneis	carll@odysseyglobal.com	407-777-6620	FL
X	Odyssey Global					General Contracting		Orlando	Carl Leneis	carll@odysseyglobal.com	407-777-6620	FL
X	OHC Environmental Engineering, Inc.	X			X	Architect and Engineer Services	101 S Hoover Blvd, Suite 101	Tampa	James Rizk	jrzk@ohcnet.com	813-626-8156	FL
	OLP Construction, Inc.	X			X	Cast in Place Concrete	11189 S Orange Blossom Tr, Ste 105	Orlando	Orlando Lorenzo	olorenzo@olpconstruction.com	407-384-8377	FL
	OLP Construction, Inc.	X			X	Hoisting	11189 S Orange Blossom Tr, Ste 105	Orlando	Orlando Lorenzo	olorenzo@olpconstruction.com	407-384-8377	FL
X	OLP Construction, Inc.	X			X	Paving	11189 S Orange Blossom Tr, Ste 105	Orlando	Orlando Lorenzo	olorenzo@olpconstruction.com	407-384-8377	FL
X	OM Engineering Services, Inc.	X			X	Architect and Engineer Services	621 E Washington St, 8,	Orlando	Dawn Horn	dhorn@omengineer.com	407-704-7815	FL
	Orion Management, LLC			X		Electrical	3245 N Courtenay Pkwy, Suite 17	Merritt Island	Jeremy Higginbotham	j.higginbotham@orionmngt.com	321-453-4668	FL
	Orion Management, LLC			X		Fire Protection	3245 N Courtenay Pkwy, Suite 17	Merritt Island	Jeremy Higginbotham	j.higginbotham@orionmngt.com	321-453-4668	FL
X	Orion Management, LLC			X		Low Voltage Systems	3245 N Courtenay Pkwy, Suite 17	Merritt Island	Jeremy Higginbotham	j.higginbotham@orionmngt.com	321-453-4668	FL
	Ortiz Engineered Products					Architect and Engineer Services	314 Main St, Suite B	Sugarloaf	Renee Baran	renee.baran@ortizengineered.com	570-501-3780	PA
	Ortiz Engineered Products					Miscellaneous Metals	314 Main St, Suite B	Sugarloaf	Renee Baran	renee.baran@ortizengineered.com	570-501-3780	PA
X	Ortiz Engineered Products					Structural Steel	314 Main St, Suite B	Sugarloaf	Renee Baran	renee.baran@ortizengineered.com	570-501-3780	PA
X	OTIS Elevator Company					Vertical Transportation	55 West Pineloch Ave	Orlando	Tim Hawthorne	timothy.hawthorne2@otis.com	407-438-3633	FL
X	Owen Electric					Electrical	1755 Lakeside Ave	St Augustine	Ryan Owen	rowen@owenec.com	904-824-9940	FL
	Owen Steel Company, Inc.					Miscellaneous Metals	727 Mauney Dr	Columbia	Scott McCoy	scott.mccoy@owenSteel.com	803-251-7680	SC
X	Owen Steel Company, Inc.					Structural Steel	727 Mauney Dr	Columbia	Scott McCoy	scott.mccoy@owenSteel.com	803-251-7680	SC
X	Owens, Renz & Lee Co., Inc. d/b/a O, R & L Facility Services					Construction Logistics	1646 33rd St, Suite 301	Orlando	Sheri Valaitis	svalaitis@owens-services.com	(407) 681-2000	FL
	P & A Roofing and Sheet Metal, Inc.					Miscellaneous Metals	4495 35th St	Orlando	John Manzella	jmanzella@pa-roofing.com	407-650-9541	FL
	P & A Roofing and Sheet Metal, Inc.					Roofing	4495 35th St	Orlando	John Manzella	jmanzella@pa-roofing.com	407-650-9541	FL
X	P & A Roofing and Sheet Metal, Inc.					Waterproofing and Caulking	4495 35th St	Orlando	John Manzella	jmanzella@pa-roofing.com	407-650-9541	FL
	Pace Electric Inc					Electrical	402 Bif Court	Orlando	Darwin J Yovaish Jr	jony@paceelectric.com	407-855-3200	FL
X	Pace Electric Inc					Low Voltage Systems	402 Bif Court	Orlando	Darwin J Yovaish Jr	jony@paceelectric.com	407-855-3200	FL
	PAL Environmental Services					Demolition	11-02 Queens Plaza South	Long Island City	Salvatore DiLorenzo	estimating@palcorp.com	718-349-0900	NY
X	PAL Environmental Services					Fireproofing	11-02 Queens Plaza South	Long Island City	Salvatore DiLorenzo	estimating@palcorp.com	718-349-0900	NY
X	Peachtree Telecommunications International, LLC					Electrical	11465 Johns Creek Pkwy, Suite 350	Johns Creek		corp@peachtreetelecom.com	770-242-1970	GA
X	Pece of Mind Environmental, Inc.					Demolition	1575 Aber Rd	Orlando	Steve Pece	steve@peceofmind.com	407-568-3456	FL
	Percopo Coatings Company, LLC					Painting	1608 Cherrywood Ln	Longwood	Alyssa Davenport	estimating@pccusa.com	407-331-3805	FL
	Percopo Coatings Company, LLC					Traffic Topping / Sealer	1608 Cherrywood Ln	Longwood	Alyssa Davenport	estimating@pccusa.com	407-331-3805	FL
X	Percopo Coatings Company, LLC					Waterproofing and Caulking	1608 Cherrywood Ln	Longwood	Alyssa Davenport	estimating@pccusa.com	407-331-3805	FL
X	Performance Contracting Group					Metal Panels	3810 Drane Field Road	Lakeland	Kimberly Hatley	kimberly.hatley@pcg.com	863-644-4738	FL
	Phillips and Jordan, Incorporated					Dewatering	8940 Gall Blvd	Zephyrhills	Art Phelps	aphelps@pandj.com	813-783-1132	FL
	Phillips and Jordan, Incorporated					Earthwork Improvements	8940 Gall Blvd	Zephyrhills	Art Phelps	aphelps@pandj.com	813-783-1132	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Phillips and Jordan, Incorporated					Erosion Control/SWPPP	8940 Gall Blvd	Zephyrhills	Art Phelps	aphelps@pandj.com	813-783-1132	FL
	Phillips and Jordan, Incorporated					Paving	8940 Gall Blvd	Zephyrhills	Art Phelps	aphelps@pandj.com	813-783-1132	FL
	Phillips and Jordan, Incorporated					Pond Liners	8940 Gall Blvd	Zephyrhills	Art Phelps	aphelps@pandj.com	813-783-1132	FL
	Phillips and Jordan, Incorporated					Site Utilities	8940 Gall Blvd	Zephyrhills	Art Phelps	aphelps@pandj.com	813-783-1132	FL
	Phillips and Jordan, Incorporated					Striping	8940 Gall Blvd	Zephyrhills	Art Phelps	aphelps@pandj.com	813-783-1132	FL
X	Phillips and Jordan, Incorporated					Survey	8940 Gall Blvd	Zephyrhills	Art Phelps	aphelps@pandj.com	813-783-1132	FL
X	Physical Security					Glazing	8549 SW Sea Captain Dr	Stuart	Rudi Prusa	Khays@physec.com	205-425-4072	FL
X	Polaris Fire Protection					Fire Protection	4009 SW 7th St	Plantation	Ari Glass	aglass@polarisfp.com	651-755-0426	FL
X	Power Engineering Group, Inc.	X	X		X	Electrical	6635 Narcoosee Rd	Orlando	Mary Doorhy	mary.doorhy@pegfl.com	(407) 277-3150	FL
X	PPC Professional Services					Painting	2619 E Michigan S	Orlando	Jesse Patino	Natacha@ppcpainting.com	407-203-0617	FL
	Praise Contracting LLC	X	X		X	Gypsum Drywall and Ceilings	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
	Praise Contracting LLC	X	X		X	Flooring	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
	Praise Contracting LLC	X	X		X	Cementious Siding	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
	Praise Contracting LLC	X	X		X	Building Specialties	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
	Praise Contracting LLC	X	X		X	Waterproofing and Caulking	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
	Praise Contracting LLC	X	X		X	Carpentry	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
	Praise Contracting LLC	X	X		X	Miscellaneous Metals	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
	Praise Contracting LLC	X	X		X	Masonry	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
	Praise Contracting LLC	X	X		X	Cast in Place Concrete	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
	Praise Contracting LLC	X	X		X	Painting	PO Box 781789	Orlando	Antonio Jackson	ajackson@praisecc.com	407-864-5481	FL
X	Precast Piling Technology, Inc.					Pile Foundations	PO Box 16612	Tampa	William David Harper	dave@precastpiling.com	813-984-7453	FL
	Precision Mechanical, Inc.					Mechanical	3975 E Railroad Ave	Cocoa	Lisa Durette	lisa.durette@precweb.com	321-635-2000	FL
X	Precision Mechanical, Inc.					Plumbing	3975 E Railroad Ave	Cocoa	Lisa Durette	lisa.durette@precweb.com	321-635-2000	FL
X	Premier Drone Productions LLC					Construction Logistics	PO Box 541	Gotha	Robert McChesney	bob@premierdroneproductions.com	407-744-1163	FL
	Prime Construction Group, Inc.					Earthwork Improvements	1000 Jetstream Dr	Orlando		info@pcginc.org	407-856-8180	FL
	Prime Construction Group, Inc.					Erosion Control/SWPPP	1000 Jetstream Dr	Orlando		info@pcginc.org	407-856-8180	FL
	Prime Construction Group, Inc.					Paving	1000 Jetstream Dr	Orlando		info@pcginc.org	407-856-8180	FL
	Prime Construction Group, Inc.					Site Improvements	1000 Jetstream Dr	Orlando		info@pcginc.org	407-856-8180	FL
	Prime Construction Group, Inc.					Site Specialties	1000 Jetstream Dr	Orlando		info@pcginc.org	407-856-8180	FL
X	Prime Construction Group, Inc.					Site Utilities	1000 Jetstream Dr	Orlando		info@pcginc.org	407-856-8180	FL
	Prime Electrical Services, Inc.	X	X		X	Electrical	550 Holts Lake Ct, Suite 101	Apopka	Camell Williams	bids@pesiec.com	407-574-5177	FL
X	Prime Electrical Services, Inc.	X	X		X	Low Voltage Systems	550 Holts Lake Ct, Suite 101	Apopka	Camell Williams	bids@pesiec.com	407-574-5177	FL
	Prince Contracting					Earthwork Improvements	7081 Grand National Dr, Suite 108	Orlando	David Metheny	demetheny@princecontracting.com	813-699-5915	FL
	Prince Contracting					Paving	7081 Grand National Dr, Suite 108	Orlando	David Metheny	demetheny@princecontracting.com	813-699-5915	FL
	Prince Contracting					Site Improvements	7081 Grand National Dr, Suite 108	Orlando	David Metheny	demetheny@princecontracting.com	813-699-5915	FL
	Prince Contracting					Site Structures	7081 Grand National Dr, Suite 108	Orlando	David Metheny	demetheny@princecontracting.com	813-699-5915	FL
X	Prince Contracting					Site Utilities	7081 Grand National Dr, Suite 108	Orlando	David Metheny	demetheny@princecontracting.com	813-699-5915	FL
X	Pro Sound, Inc.					Low Voltage Systems	1717 Diplomacy Row	Orlando	Rick Scharmann	rscharmann@prosound.net	305-891-1000	FL
X	Pro-Bel Enterprises Limited					Building Equipment	1638 Anita Place NE	Atlanta	Jennifer Gould	jenniferg@pro-bel.ca	954-917-1680	GA
X	Progressive Plumbing, Inc.					Plumbing	1064 FL-50	Clermont		billy@progressiveplumbing.com	352-394-7171	FL
X	Protect Video Inc	X				Low Voltage Systems	3483 High Ridge Rd	Boyton Beach	Shad Dimaria	shad@protectvideo.com	561-622-5880	FL
X	Provision Construction and Development	X	X		X	Construction Logistics	3401 Lake Breeze Dr Building 601 Suite A	Orlando	Michael Arrington	marrington@provisionscdi.com	407-926-2442	FL
	Proxy Management Group LLC dba Veatic	X				Signage	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
	Proxy Management Group LLC dba Veatic	X				Column Covers	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
	Proxy Management Group LLC dba Veatic	X				Wire Mesh Partitions	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
	Proxy Management Group LLC dba Veatic	X				Trash Receptacles	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
	Proxy Management Group LLC dba Veatic	X				Metal Panels	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
	Proxy Management Group LLC dba Veatic	X				Millwork	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
	Proxy Management Group LLC dba Veatic	X				Miscellaneous Metals	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
	Proxy Management Group LLC dba Veatic	X				Site Specialties	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
	Proxy Management Group LLC dba Veatic	X				Site Structures	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
X	Proxy Management Group LLC dba Veatic	X				Special Wall Panels	2450 Smith St, Ste P	Kissimmee	Jon Andreasson	jandreasson@veatic.com	888-474-2999	FL
X	Pyramid Masonry Contractors, Inc					Masonry	405 Zell Drive	Orlando	Nathan Parsons	nparsons@pyramidmasonry.net	407-816-5740	FL
X	Quality Cable Contractors, Inc.	X	X		X	Low Voltage Systems	207 N Goldenrod Rd, Suite 600	Orlando	Alain Gonzalez	alain@qccflorida.com	407-246-0606	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	Quantum Electric LLC	X	X		X	Electrical	1237 N Pine Hills Rd,	Orlando	Damian Smith	office@quantumelectricfl.com	407-203-3388	FL
X	Quantum Electric LLC	X	X		X	Low Voltage Systems	1237 N Pine Hills Rd,	Orlando	Damian Smith	office@quantumelectricfl.com	407-203-3388	FL
X	Qypsys, LLC					Low Voltage Systems	5425 Beaumont Center Blvd, Suite 918	Tampa	Alan Bertsch	abertsch@qypsys.com	407-558-8208	FL
	R L Burns Inc.	X			X	Construction Logistics	1203 W Gore St	Orlando	Bob Burns	bburns@rlburnsinc.com	407-839-1131	FL
X	R L Burns Inc.	X			X	General Contracting	1203 W Gore St	Orlando	Bob Burns	bburns@rlburnsinc.com	407-839-1131	FL
X	RAKS Fire Sprinkler, LLC				X	Fire Protection	215 Mobile St	Hattiesburg	Romero Ali	rali75@yahoo.com	334-202-0322	FL
X	RAM Construction Services					Waterproofing and Caulking	13800 Eckles Road	Livonia	Tony Szabo	bids@ramservices.com	734-464-3800	MI
X	Randall Architectural Ironworks, Inc.					Miscellaneous Metals	3307 Clarcona Rd,	Apopka	Dennis Sutherlin	dsutherlin@randallarchitectural.com	407-464-7776	FL
	Randall Mechanical, Inc.					Fuel Systems	3307 Clarcona Rd	Apopka	Matt Reinders	mreinders@randallmechanical.com	407-408-6792	FL
	Randall Mechanical, Inc.					Mechanical	3307 Clarcona Rd	Apopka	Matt Reinders	mreinders@randallmchanical.com	407-408-6792	FL
	Randall Mechanical, Inc.					Plumbing	3307 Clarcona Rd	Apopka	Matt Reinders	mreinders@randallmechanical.com	407-408-6792	FL
	Randall Mechanical, Inc.					Site Utilities	3307 Clarcona Rd	Apopka	Matt Reinders	mreinders@randallmechanical.com	407-408-6792	FL
X	Randall Mechanical, Inc.					Fire Protection	3307 Clarcona Rd	Apopka	Matt Reinders	mreinders@randallmechanical.com	407-408-6792	FL
	Ranger Construction Industries, Inc.					Earthwork Improvements	1200 Elboc Way	Winter Garden	Estimating	estimating@rangerconstruction.com	407-656-9255	FL
	Ranger Construction Industries, Inc.					Paving	1200 Elboc Way	Winter Garden	Estimating	estimating@rangerconstruction.com	407-656-9255	FL
	Ranger Construction Industries, Inc.					Site Improvements	1200 Elboc Way	Winter Garden	Estimating	estimating@rangerconstruction.com	407-656-9255	FL
	Ranger Construction Industries, Inc.					Site Structures	1200 Elboc Way	Winter Garden	Estimating	estimating@rangerconstruction.com	407-656-9255	FL
X	Ranger Construction Industries, Inc.					Site Utilities	1200 Elboc Way	Winter Garden	Estimating	estimating@rangerconstruction.com	407-656-9255	FL
	RCS Construction Company of Central Florida, Inc. dba RCS Construction Company, Inc.					Earthwork Improvements	295 E Hwy 50, Suite 1,	Clermont	Pedro Baldaguez	pedro@rcsconstructionco.com	352-394-1716	FL*
X	RCS Construction Company of Central Florida, Inc. dba RCS Construction Company, Inc.					Site Utilities	295 E Hwy 50, Suite 1,	Clermont	Pedro Baldaguez	pedro@rcsconstructionco.com	352-394-1716	FL*
	Rebah Fabrication	X			X	Miscellaneous Metals	11422 Satellite Blvd.	Orlando		rebahfab@bellsouth.net	407-857-3232	FL
X	Rebah Fabrication					Structural Steel	11422 Satellite Blvd.	Orlando		rebahfab@bellsouth.net	407-857-3232	FL
X	Redcon Solutions Group LLC		X			Construction Logistics	3218 E Colonial Dr, Ste G	Orlando	Kyle Evans	kyle.evans@redconsolutionsgroup.com	407-601-0567	FL
	Reliable Constructors Inc					Drilling	22435 SR 46	Mt Dora	Roger Rehfeldt	rogerr@reliableconstructors.com	352-383-3159	FL
X	Reliable Constructors Inc					Pile Foundations	22436 SR 46	Mt Dora	Roger Rehfeldt	rogerr@reliableconstructors.com	352-383-3160	FL
X	Rentokil North America, Inc dba Heron Pest Control Inc					Bird Control	2114 S Orange Blossom Trl	Apopka	Brian Fistler	brian.fistler@rentokil.com	407-478-6200	FL
	Reyco Contracting Solutions LLC	X		X		Signage	99 S Alcaniz St,	Pensacola	Virna Reynoso	info@reycocontracting.com	919-673-0171	FL
	Reyco Contracting Solutions LLC	X		X		Wire Mesh Partitions	99 S Alcaniz St,	Pensacola	Virna Reynoso	info@reycocontracting.com	919-673-0171	FL
	Reyco Contracting Solutions LLC	X		X		Toilet Accessories	99 S Alcaniz St,	Pensacola	Virna Reynoso	info@reycocontracting.com	919-673-0171	FL
	Reyco Contracting Solutions LLC	X		X		Fire Extinguishers	99 S Alcaniz St,	Pensacola	Virna Reynoso	info@reycocontracting.com	919-673-0171	FL
	Reyco Contracting Solutions LLC	X		X		Corner Guards	99 S Alcaniz St,	Pensacola	Virna Reynoso	info@reycocontracting.com	919-673-0171	FL
	Reyco Contracting Solutions LLC	X		X		Floor Grilles	99 S Alcaniz St,	Pensacola	Virna Reynoso	info@reycocontracting.com	919-673-0171	FL
	Reyco Contracting Solutions LLC	X		X		Trash Receptacles	99 S Alcaniz St,	Pensacola	Virna Reynoso	info@reycocontracting.com	919-673-0171	FL
X	Reyco Contracting Solutions LLC	X		X		Masonry	99 S Alcaniz St,	Pensacola	Virna Reynoso	info@reycocontracting.com	919-673-0171	FL
	Rite Hite Company, LLC					Coiling Grilles and Doors	7060 W State Rd 84 #7	Davie	Heather Mazzillo	hmazzillo@ritehite.com	800-833-1636	FL
X	Rite Hite Company, LLC					Building Equipment	7060 W State Rd 84 #7	Davie	Heather Mazzillo	hmazzillo@ritehite.com	800-833-1636	FL
	Rivera Tile and Stone, Inc.	X				Tile / Terrazzo	801 S. Chickasaw Tr.	Orlando	Rebecca Rivera	rivera@riveratileandstone.com	407-275-0571	FL
X	Rivera Tile and Stone, Inc.	X				Flooring	801 S. Chickasaw Tr.	Orlando	Rebecca Rivera	rivera@riveratileandstone.com	407-275-0571	FL
X	Roberts Consulting Services, Inc				X	Architect and Engineer Services	117 Quailwood Dr	Winter Haven	Estimating	estimating@rcseng.net	(863) 224-6280	FL
X	Rock & Roll Trucking Inc.				X	Construction Logistics	150 Bel Aire Dr	Merritt Island	Ruben Diaz	rubendiaz@rockrolltruckinginc.com	321-458-3042	FL
X	Rolling Plains Construction, Inc.					Fireproofing	5 South Roosevelt Avenue	Chandler	Kaitlin Sidwa	kaitlin@rollingplains.com	480-895-8813	AZ
X	Ron Kendall Masonry, Inc					Masonry	2641 Hammondville Rd	Pompano Beach	M Henry	mhenry@ronkm.com	561-793-5924	FL
	S.I. Goldman Company, Inc.					Mechanical	799 Bennett Dr	Longwood		johnm@sigoldmanco.com	407-830-5000	FL
X	S.I. Goldman Company, Inc.					Plumbing	799 Bennett Dr	Longwood		johnm@sigoldmanco.com	407-830-5000	FL
X	Safeguard US Inc					Building Equipment	7055 Speedway Blvd	Las Vegas	Paul Betts	pbetts@safeguard-industries.com	403-236-0752	NV
	Safway Services					Construction Logistics	11208 Boggy Creek Rd	Orlando	Matt Breuer	matt.breuer@safway.com	615-872-0811	FL
	Safway Services					Fireproofing	11208 Boggy Creek Rd	Orlando	Matt Breuer	matt.breuer@safway.com	615-872-0811	FL
X	Safway Services					Painting	11208 Boggy Creek Rd	Orlando	Matt Breuer	matt.breuer@safway.com	615-872-0811	FL
X	Satellite Shelters, Inc.					Construction Logistics	2530 Xenium Lane North, Ste 150	Minneapolis	Lynne Ellis	lynnee@satelliteco.com	800-453-1299	MN
X	Schindler Elevator Corporation					Conveying Systems	7100 TPC Dr, Suite 300	Orlando	Lindsay Anastas-King	sara.geiser@schindler.com	407-235-1222	FL
X	Seal Distributors					Building Materials	200 Tech Dr,	Sanford	Mike Gallagher	info@sealdistributors.com	407-330-0301	FL
X	Secured Global LLC					Building Equipment	4524 36th St	Orlando	Eilana Hernandez	eilana.hernandez@securedfp.com	407-472-4860	FL
	SEMA Construction, Inc.					Cast In Place Concrete	6200 Hazeltine National Dr, Suite 100	Orlando	Shane Cox	scox@semaconstruction.com	407-563-7900	FL
	SEMA Construction, Inc.					Dewatering	6200 Hazeltine National Dr, Suite 100	Orlando	Shane Cox	scox@semaconstruction.com	407-563-7900	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	SEMA Construction, Inc.					Earthwork Improvements	6200 Hazeltine National Dr, Suite 100	Orlando	Shane Cox	scox@semaconstruction.com	407-563-7900	FL
	SEMA Construction, Inc.					Erosion Control/SWPPP	6200 Hazeltine National Dr, Suite 100	Orlando	Shane Cox	scox@semaconstruction.com	407-563-7900	FL
	SEMA Construction, Inc.					Guard Rails & Barriers	6200 Hazeltine National Dr, Suite 100	Orlando	Shane Cox	scox@semaconstruction.com	407-563-7900	FL
	SEMA Construction, Inc.					Paving	6200 Hazeltine National Dr, Suite 100	Orlando	Shane Cox	scox@semaconstruction.com	407-563-7900	FL
	SEMA Construction, Inc.					Pile Foundations	6200 Hazeltine National Dr, Suite 100	Orlando	Shane Cox	scox@semaconstruction.com	407-563-7900	FL
	SEMA Construction, Inc.					Precast	6200 Hazeltine National Dr, Suite 100	Orlando	Shane Cox	scox@semaconstruction.com	407-563-7900	FL
X	SEMA Construction, Inc.					Survey	6200 Hazeltine National Dr, Suite 100	Orlando	Shane Cox	scox@semaconstruction.com	407-563-7900	FL
	Seminole Masonry, LLC					Hoisting	3850 E Lake Mary Blvd	Sanford		broden@seminolemasonry.com	407-278-4694	FL
X	Seminole Masonry, LLC					Masonry	3850 E Lake Mary Blvd	Sanford		broden@seminolemasonry.com	407-278-4694	FL
X	Serenity Cleaning Solutions					Construction Logistics	PO box 235	Jacksonville	Art Samuels	serenityjan@comcast.net	904-783-0540	FL
X	SeriGraphics Sign Systems					Building Specialties	2401 Nevada Ave North	Minneapolis	Melissa Dodge	melissad@serigraphicssign.com	763-277-7774	MN
X	Service Complete Electric					Electrical	2781 Wrights Road Suite 1201	Oviedo	Beau Bergeron	bbergeron@sceflorida.com	407-679-3500	FL
X	Shaw Contract Flooring Services, Inc. d/b/a Spectra Contract Flooring					Flooring	425 Florida Central Parkway	Longwood	Jonathan Vice	jonathan.vice@spectracf.com	407-475-1144	FL
X	Shelters Cleaning LLC	X	X		X	Construction Logistics	5733 Five Flags Blvd 1037	Orlando	Sharon Shelters	sharon@shelterscleaning.com	407-373-4241	FL*
X	Siemens					Low Voltage Systems	4122 Metric Dr, Suite 100	Winter Park	Michael Palumbo	michael.palumbo@siemens.com	401-732-4787	FL
X	Sigma Marble & Granite - Florida, Inc.					Tile / Terrazzo	5675 New Tampa Hwy #12	Lakeland	Tony Birchard	tbirchard@sigmamarble.com	571-926-4784	FL
X	Signs of Tampa Bay, LLC	X				Signage	1917 Passero Avenue	Lutz	David West	david@signarama-newtampa.com	813-994-0101	FL
	Sky Climber Access Solutions, LLC					Construction Logistics	1800 Pittsburgh Dr	Delaware	Ed Weinhardt	edw@skyclimber.com	727-434-6078	OH
X	Sky Climber Access Solutions, LLC					Building Equipment	1800 Pittsburgh Dr	Delaware	Ed Weinhardt	edw@skyclimber.com	727-434-6078	OH
	SkyBuilders USA, LLC	X	X		X	Construction Logistics	40 W Crystal Lake St, 200	Orlando	Juan Velez	jvelez@skybuildersusa.com	407-362-1870	FL
X	SkyBuilders USA, LLC	X	X		X	General Contracting	40 W Crystal Lake St, 200	Orlando	Juan Velez	jvelez@skybuildersusa.com	407-362-1870	FL
X	SMI Cabinetry Inc					Millwork	2715 N Orange Blossom Trl	Orlando	Michelle Hull	itb@smi-cabinetry.com	407-841-0292	FL
	Smith Fence					Construction Logistics	4699 110th Avenue North	Clearwaterr	Dave Warrington	dwarrington@smithfence.com	727-573-5440	FL
X	Smith Fence					Site Improvements	4699 110th Avenue North	Clearwaterr	Dave Warrington	dwarrington@smithfence.com	727-573-5440	FL
X	Smith, Broomfield & Howard Construction and Restoration LLC	X			X	General Contracting	2700 Bonnett Creek Road	Lake Buena Vista	Shawn Howard	showard@sbhconstruction.com	(407) 828-8761	FL
X	Southeastern Surfaces & Equipment	X				Operable Partitions	569 Canal St	New Smyrna Beach	Kelli Morris	kmorris@sseteam.com	386-428-8875	FL
X	Southeastern Surveying and Mapping Corporation					Survey	6500 All American Blvd	Orlando	William Rowe	browe@southeasternsurveying.com	407-292-8580	FL
X	Southern Aquatics, Inc.					Fountains	150 Hilden Road	Ponte Vedra	Jackie Frey	jfrey@saifountains.com	904-824-1110	FL
X	Southern Fire Protection of Orlando, Inc.					Fire Protection	3801 East State Road 46	Sanford	Kevin Rodebaugh	kevin@southernfire.net	407-323-4200	FL
X	Southern Foam Insulation, Inc.					Fireproofing	880 Maguire Rd, Suite C	Ocoee	Rick Tellier	estimating@southernfoaminsulation.com	407-654-1251	FL
X	Southern Industrial Sales, Inc					Coiling Grilles and Doors	105 Yeager Circle,	Pelham	Corey Scott	cscott@soindsales.com	205-995-2100	AL
	Southland Construction Group	X				Concrete Finishing	3100 US Hwy 41 North	Palmetto	Michael Reddy	michael@southlandcreations.com	941-286-4296	FL
X	Southland Construction Group	X				Precast	3100 US Hwy 41 North	Palmetto	Michael Reddy	michael@southlandcreations.com	941-286-4296	FL
	Southland Construction, Inc.					Cast In Place Concrete	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Construction Logistics	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Dewatering	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Earthwork Improvements	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Erosion Control/SWPPP	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Hoisting	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Landscaping	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Painting	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Paving	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Pile Foundations	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Site Lighting	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Site Utilities	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
	Southland Construction, Inc.					Survey	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
X	Southland Construction, Inc.					Waterproofing and Caulking	172 West Fourth St	Apopka	Ben White	benw@scifl.com	407-889-9844	FL
X	Southstar Fire Protection Company dba Northstar Fire Protection					Fire Protection	4616 W Howard Ln, Bldg 2 Ste #400	Austin	Nick Rosinski	nick.rosinski@northstarfire.com	512-833-0800	TX
	Southwest Progressive Enterprises, Inc					Cementitious Siding	10920 Alder Circle	Dallas	Charlie Peters	cpeters@swprogressive.com	972-424-8280	TX
X	Southwest Progressive Enterprises, Inc					Gypsum Drywall and Ceilings	10920 Alder Circle	Dallas	Charlie Peters	cpeters@swprogressive.com	972-424-8280	TX
X	Space Coast Fire and Safety, Inc.					Fire Protection	420 Manor Dr	Merritt Island		tomspina@spacecoastsafety.com	321-783-1040	FL
	Span Systems, Inc.					Structural Steel	90 Pine St	Manchester		inquire@spansystemsinc.com	800-558-3003	NH
X	Span Systems, Inc.					Tensile Fabric Canopies	90 Pine St	Manchester		inquire@spansystemsinc.com	800-558-3003	NH
X	Sparkle At Me, LLC	X				Construction Logistics	1413 E Harding St	Orlando	Lori Parks	sparkleatme@gmail.com	(407) 242-1694	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	Specco Environmental, Inc. dba Rainbow International of Orlando	X	X		X	Earthwork Improvements	1720 N Goldenrod Rd, Suite 3	Orlando	Emily Dominicci	edominicci@speccooflorida.com	321-418-8994	FL
X	Specified Architectural Systems Inc					Operable Partitions	9942 Currie Davis Drive	Tampa	Jon Thornton	jthornton@specarcsys.com	813-915-6100	FL
X	SRP Consulting Services, LLC					Architect and Engineering Services	900 Marble Drive	Ft Collins	Scott Pandey	srpandy007@gmail.com	970-301-6619	CO
X	STABIL Concrete Products, LLC					Precast	7080 28th St Court	East Sarasota		MSydorowycz@stabilconcretepavers.com	941-739-7823	FL
	Stainless Fabricators Inc.					Guard Rails & Barriers	11107 Challenger Ave	Odessa	Scott Binney	scott@stainlessfabinc.com	813-926-7113	FL
X	Stainless Fabricators Inc.					Miscellaneous Metals	11107 Challenger Ave	Odessa	Scott Binney	scott@stainlessfabinc.com	813-926-7113	FL
X	Star Asset Security, LLC					Construction Logistics	1411 Edgewater Dr, Suite 203,	Orlando	Sage Hirschy	shirschy@securethinking.com	407-353-4819	FL
X	State Line Products of South Florida Inc					Fireproofing	3021 NW 25th Ave	Pompano Beach	Robert Becker	rbecker@statelinefire.com	954-971-0791	FL
X	Steel Fabricators, LLC					Structural Steel	5401 S Kirkman Rd, Suite 310	Orlando		klangsenkamp@sfab.com	407-926-0241	FL
	Steel Service					Miscellaneous Metals	2260 Flowood Dr	Flowood	Jim Souza	jsouza@Steelservice.com	601-939-9222	MS
X	Steel Service					Structural Steel	2260 Flowood Dr	Flowood	Jim Souza	jsouza@Steelservice.com	601-939-9222	MS
	Steel, LLC					Miscellaneous Metals	405 N Clarendon Ave	Scottdale	Gabe Tilley	GTilley@Steelinga.com	404-704-1624	GA
X	Steel, LLC					Structural Steel	405 N Clarendon Ave	Scottdale	Gabe Tilley	GTilley@Steelinga.com	404-704-1624	GA
	SteelFab					Miscellaneous Metals	902 Smith Street	Dublin	Josh Kelly	jkelly@Steelfab-inc.com	478-275-9777	GA
X	SteelFab					Structural Steel	902 Smith Street	Dublin	Josh Kelly	jkelly@Steelfab-inc.com	478-275-9777	GA
	Stein Steel & Supply Company					Miscellaneous Metals	933 Kirkwood Ave	Atlanta		rbryan@steinSteel.com	404-523-2711	GA
X	Stein Steel & Supply Company					Structural Steel	933 Kirkwood Ave	Atlanta		rbryan@steinSteel.com	404-523-2711	GA
X	Sterling Building Services, Inc	X	X		X	Construction Logistics	776 Bennett Dr Suite 105	Longwood	R Crunkleton	rcrunkleton@sterlingbms.com	407-830-9352	FL
	Sterling Enterprises, L.L.C.					Construction Logistics	P.O. Box 714	Lake Helen	Ryan Wilkins	sterlingenterprisesllc@msn.com	386-532-2100	FL
X	Sterling Enterprises, L.L.C.					Site Improvements	P.O. Box 714	Lake Helen	Ryan Wilkins	sterlingenterprisesllc@msn.com	386-532-2100	FL
X	Sterling Silver Scape & Sod, Inc.	X				Landscaping	2201 Partin Settlement Rd	Kissimmee		sterling@sterlingsilverlandscaping.com	407-846-3225	FL
	Steve Ward & Associates Inc					Millwork	8175 Bellow St	Orlando	Tommy Bolles	tommy@swainc.com	407-575-4719	FL
X	Steve Ward & Associates Inc					Metal Panels	8175 Bellow St	Orlando	Tommy Bolles	tommy@swainc.com	407-575-4719	FL
X	Stonhard					Flooring	1000 East Park Avenue,	Maple Shade	Mike Oneill	Moneill@stonhard.com	800-257-7953	
X	Structured Cabling Solutions, Inc.	X			X	Low Voltage Systems	185 Drennen Rd #307	Orlando	Syed Shah	syeds@cabling-solutions.com	(407) 557-8998	FL
	Summa Metal					Miscellaneous Metals	7950 NW 53rd Street, Suite 337	Miami	Lucia Brandeiro	l_brandeiro@summametal.com	514-600-0946	FL
X	Summa Metal					Structural Steel	7950 NW 53rd Street, Suite 337	Miami	Lucia Brandeiro	l_brandeiro@summametal.com	514-600-0946	FL
X	Sunbelt Metals & Manufacturing, Inc.					Miscellaneous Metals	920 South Bradshaw Road	Apopka	Karen Eckles	karen@sunbeltmetals.com	407-889-8960	FL
X	Super Sky					Skylights	702 Keeneland Pike	Lake Mary	Larry Grassmann	lgrassmann@supersky.com	262-242-2000	FL
X	Supreme Works Corp. d/b/a AAA Ceiling	X				Gypsum Drywall and Ceilings	2431 Aloma Ave #160	Winter Park	Estimating	estimating@aaaceiling.com	(407) 947-0439	FL
X	Sutter Roofing Company of Florida					Roofing	2661 Old Winter Garden Rd	Orlando	Tom York	tyork@sutterroofing.com	407-367-4500	FL
	T & T Construction of Central Florida, Inc.					Cast in Place Concrete	340 Oleander Way	Casselberry		matt.trail@ttcfl.com	407-831-5506	FL
	T & T Construction of Central Florida, Inc.					Hoisting	340 Oleander Way	Casselberry		matt.trail@ttcfl.com	407-831-5506	FL
	T & T Construction of Central Florida, Inc.					Pile Foundations	340 Oleander Way	Casselberry		matt.trail@ttcfl.com	407-831-5506	FL
	T & T Construction of Central Florida, Inc.					Retaining Walls	340 Oleander Way	Casselberry		matt.trail@ttcfl.com	407-831-5506	FL
X	T & T Construction of Central Florida, Inc.					Site Specialties	340 Oleander Way	Casselberry		matt.trail@ttcfl.com	407-831-5506	FL
X	T&G Corporation dba T&G Constructors	X				General Contracting	8623 Commodity Circle	Orlando	Mark Knott	preconstruction@t-and-g.com	407-352-4443	FL
X	Taurus Chutes Inc					Building Equipment	639 West Oakland Park Blvd 104D	Ft Lauderdale	Jose Calderon	tauruschutes@gmail.com	954-445-0146	FL
X	Taylor Cotton & Ridley					Doors & Hardware	1904 Brengle Ave	Orlando	LynDea Drury	khoskins@taylorcottonridley.com	407-298-5114	FL
	TDR Systems Inc d/b/a Chutes International					Building Equipment	33 Industrial Park Dr	Waldorf	Hadi Boustani	sales@chutes.com	240-448-5000	MD
X	TDR Systems Inc d/b/a Chutes International					Building Specialties	33 Industrial Park Dr	Waldorf	Hadi Boustani	sales@chutes.com	240-448-5000	MD
X	Tech Ready Mix, Inc.	X				Ready Mix Concrete	5000 Crayton Ave,	Cleveland	Janice Knight	jknight@techready.com	216-376-7556	OH
X	Technique Concrete Construction, LLC	X			X	Ready Mix Concrete	3556 Calumet Road,	Decatur	Billy Freeman	bfreeman@techniqueconcrete.com	678-949-9476	GA
X	Techniquex, Inc					Flooring	9035 E. Pima Center Parkway Suite 7	Scottsdale	Baron Adelmann	baronadelmann@techniquex.com	602-370-3500	AZ
	Teer Engineering LLC					Low Voltage Systems	1814 S Division Ave	Orlando	Jason Harlow	sales@teerengineering.com	321-206-2492	FL
X	Teer Engineering LLC					Electrical	1814 S Division Ave	Orlando	Jason Harlow	sales@teerengineering.com	321-206-2492	FL
X	Tek Hauling Inc	X	X		X	Earthwork Improvements	720 Belle Terre Ct,	Winter Garden	Emma Surujlall	info@tekhaulinginc.com	407-307-7829	FL*
X	Terracon					Construction Logistics	1675 Lee Rd	Winter Park	Ozzie Quezada	Oswaldo.Quezada@terracon.com	407-740-6110	FL
X	Terrell Materials Corporation				X	Ready Mix Concrete	10600 W Higgins Rd, Suite 300,	Rosemont	Pat Terrell	pterrell@terrellmaterials.com	847-635-8530	IL
X	Terry's Electric, Inc.					Electrical	600 North Thacker Ave, Suite A	Kissimmee		pmurphy@terryselectric.com	407-572-2100	FL
X	Tharp Plumbing Systems, Inc.					Plumbing	625 Wilmer Ave	Orlando		cjoyce@tharpplumbing.com	407-295-2370	FL
X	The G-S Company					Wire Mesh Partitions	7920 Stansbury Rd	Dunkirk	Justine Hancock	sales@g-sco.com	410-284-9549	MD
	The Haskell Company Structural Steel Fabrication Division					Miscellaneous Metals	111 Riverside Ave	Jacksonville		mike.woods@haskell.com	904-357-4230	FL
X	The Haskell Company Structural Steel Fabrication Division					Structural Steel	111 Riverside Ave	Jacksonville		mike.woods@haskell.com	904-357-4230	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
	The Jones Company	X			X	Earthwork Improvements	3754 NW 16th St	Ft Lauderdale	Angela Jones	ajones.thejonescompany@gmail.com	954-214-4812	FL
	The Jones Company	X			X	Paving	3754 NW 16th St	Ft Lauderdale	Angela Jones	ajones.thejonescompany@gmail.com	954-214-4812	FL
	The Jones Company	X			X	Site Improvements	3754 NW 16th St	Ft Lauderdale	Angela Jones	ajones.thejonescompany@gmail.com	954-214-4812	FL
	The Jones Company	X			X	Site Structures	3754 NW 16th St	Ft Lauderdale	Angela Jones	ajones.thejonescompany@gmail.com	954-214-4812	FL
X	The Jones Company	X			X	Site Utilities	3754 NW 16th St	Ft Lauderdale	Angela Jones	ajones.thejonescompany@gmail.com	954-214-4812	FL
	The Lane Construction Group					Cast In Place Concrete	2601 Maitland Center Pkwy	Maitland	Katie Brancheau	KABrancheau@laneconstruct.com	407-331-3100	FL
	The Lane Construction Group					Earthwork Improvements	2601 Maitland Center Pkwy	Maitland	Katie Brancheau	KABrancheau@laneconstruct.com	407-331-3100	FL
	The Lane Construction Group					Paving	2601 Maitland Center Pkwy	Maitland	Katie Brancheau	KABrancheau@laneconstruct.com	407-331-3100	FL
	The Lane Construction Group					Pile Foundations	2601 Maitland Center Pkwy	Maitland	Katie Brancheau	KABrancheau@laneconstruct.com	407-331-3100	FL
	The Lane Construction Group					Precast	2601 Maitland Center Pkwy	Maitland	Katie Brancheau	KABrancheau@laneconstruct.com	407-331-3100	FL
X	The Lane Construction Group					Retaining Walls	2601 Maitland Center Pkwy	Maitland	Katie Brancheau	KABrancheau@laneconstruct.com	407-331-3100	FL
	The Middlesex Corporation					Cast In Place Concrete	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
	The Middlesex Corporation					Dewatering	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
	The Middlesex Corporation					Earthwork Improvements	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
	The Middlesex Corporation					Electrical	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
	The Middlesex Corporation					Erosion Control/SWPPP	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
	The Middlesex Corporation					General Contracting	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
	The Middlesex Corporation					Paving	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
	The Middlesex Corporation					Pile Foundations	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
	The Middlesex Corporation					Precast	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
X	The Middlesex Corporation					Site Utilities	One Spectacle Pond Road	Littleton	Taylor Cox	tcox@middlesexco.com	978-742-4400	FL
X	The New Florida Industrial Electric, Inc.					Electrical	291 Specialty Point	Sanford		info@fie-inc.com	407-331-1551	FL
	The Plummer Painting Company					Painting	660 Jackson Ave	Winter Park	Richard Thomas	bids@plummerinc.com	407-585-0210	FL
	The Plummer Painting Company					Traffic Topping / Sealer	660 Jackson Ave	Winter Park	Richard Thomas	bids@plummerinc.com	407-585-0210	FL
X	The Plummer Painting Company					Waterproofing and Caulking	660 Jackson Ave	Winter Park	Richard Thomas	bids@plummerinc.com	407-585-0210	FL
	The Redland Company, Inc.					Earthwork Improvements	48 NE 15th St	Homestead		info@redlandcompany.com	305-247-3226	FL
	The Redland Company, Inc.					Site Improvements	48 NE 15th St	Homestead		info@redlandcompany.com	305-247-3226	FL
	The Redland Company, Inc.					Site Utilities	48 NE 15th St	Homestead		info@redlandcompany.com	305-247-3226	FL
	The Redland Company, Inc.					Site Structures	48 NE 15th St	Homestead		info@redlandcompany.com	305-247-3226	FL
X	The Redland Company, Inc.					Paving	48 NE 15th St	Homestead		info@redlandcompany.com	305-247-3226	FL
X	The RJ Company, Construction & Design, LLC	X	X		X	General Contracting	8010 Sunport Dr, #115	Orlando	Roderick Jimenez	rjimenez@therjcompany.com	407-251-0071	FL
X	The Rolle Group					Architect and Engineer Services	6802 Windstream Terrace	Orlando	Corey Rolle	corey@rollegroup.com	(407) 929-9951	FL
	The Wilsten Group					Building Specialties	650 Nicolet Ave	Winter Park	Jamie Klute	jklute@wilstenbuilds.com	407-920-9636	FL
	The Wilsten Group					Flooring	650 Nicolet Ave	Winter Park	Jamie Klute	jklute@wilstenbuilds.com	407-920-9636	FL
	The Wilsten Group					General Contracting	650 Nicolet Ave	Winter Park	Jamie Klute	jklute@wilstenbuilds.com	407-920-9636	FL
X	The Wilsten Group					Rough Carpentry	650 Nicolet Ave	Winter Park	Jamie Klute	jklute@wilstenbuilds.com	407-920-9636	FL
X	Thorguard, Inc.					Electrical	1193 Sawgrass Corporate Pkwy	Sunrise	Jason Wolk	jwolk@thorguard.com	954-835-0900	FL
	Thyssen Krupp					Conveying Systems	3201 N Sylvania Ave, Suite 117	Fort Worth	Ashley Hamm	ashley.hamm@thyssenkrupp.com	817-210-5012	TX
X	Thyssen Krupp					Vertical Transportation	3201 N Sylvania Ave, Suite 117	Fort Worth	Ashley Hamm	ashley.hamm@thyssenkrupp.com	817-210-5012	TX
X	Tierra South Flordia, Inc.	X			X	Testing and Inspection	2765 Vista Parkway, Suite 10	West Palm Beach	Francois Thomas	Fthomas@Tierrasf.com	561-687-8536	FL
X	Tierra, Inc	X				Testing And Inspection	591 Susan B Britt Ct	Winter Garden	James Gibbs	kgibbs@tierraeng.com	407-877-1354	FL
X	Timmons Group, Inc.					Architect and Engineer Services	1001 Boulders Parkway, Suite 300	Richmond	Michael Patey	michael.patey@timmons.com	804-200-6500	VA
X	Tindall Concrete Corporation of South Carolina dba Tindall Corporation					Precast	1212 Ronds Pointe Drive East,	Tallahassee	Andy Harrill	andyharrill@tindallcorp.com	864-590-2399	FL
X	Titan Florida, LLC					Ready Mix Concrete	349 Thorpe Road,	Orlando	Michelle Johnson	Mjohnson@titanamerica.com	407-793-2688	FL
	Toebe Construction LLC					Cast In Place Concrete	28990 S Wixom Rd	Wixom	Jeff Stover	Jstover@toebe-construction.com	(248) 349-7500	MI
X	Toebe Construction LLC					Paving	28990 S Wixom Rd	Wixom	Jeff Stover	Jstover@toebe-construction.com	(248) 349-7500	MI
	Transportations Systems, Inc					Electrical	7742 Lower Gateway Loop, #1533	Orlando	Eric Lesso	elesso@tsi-fl.com	407-525-9940	FL
	Transportations Systems, Inc					Low Voltage Systems	7742 Lower Gateway Loop, 1533	Orlando	Eric Lesso	Elesso@tsi-fl.com	470-525-9940	FL
	Transportations Systems, Inc					Site Utilities	7742 Lower Gateway Loop, 1533	Orlando	Eric Lesso	Elesso@tsi-fl.com	470-525-9940	FL
X	Transportations Systems, Inc					Site Lighting	7742 Lower Gateway Loop, 1533	Orlando	Eric Lesso	Elesso@tsi-fl.com	470-525-9940	FL
	Trex Commercial Products Inc.					Miscellaneous Metals	7008 Northland Dr N	Minneapolis	Estimating Department	bids@trexcommerical.com	763-231-7135	MN
X	Trex Commercial Products Inc.					Railings	7008 Northland Dr N	Minneapolis	Estimating Department	bids@trexcommerical.com	763-231-7135	MN
X	Triad Cleaning Solutions					Construction Logistics	3140 W Kennedy Blvd #100	Tampa	Fred Carlson	fred@triadcleaning.com	678-358-5567	FL
X	Tri-City Electrical Contractors, Inc.					Electrical	430 West Drive	Altamonte Springs		info@tcelectric.com	407-788-3500	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	Trinity Highway Rentals Inc					Construction Logistics	1963 W McNab Rd	Pompano Beach	Steve Hayes	steve.hayes@trin.net		FL
X	Tritech Fall Protection					Building Equipment	4071 LB McLeod Rd	Orlando	Chris Moemke	christopher@tritechfallprotection.com	407-835-9777	FL
X	Triton Supply, Inc.				X	Building Materials	6012 Campus Cir Dr W, #188,	Irving	Rachel Mendoza	rachel@tritonsupply.net	214-382-4662	TX
X	Trutech LLC					Bird Control	155 Woolco Dr	Marietta	Russell Bennett	bennettr@trutechinc.com	800-842-7296	GA
X	Tucker Construction & Engineering					Roofing	3535 Lake Alfred Rd	Winter Haven	Gannon Olmert	golmert@tucker-construction.com	863-299-4444	FL
	Tucker Paving, Inc.					Earthwork Improvements	3545 Lake Alfred Rd	Winter Haven	Rick Allen	rick@tuckerpaving.com	863-299-2262	FL
	Tucker Paving, Inc.					Erosion Control/SWPPP	3545 Lake Alfred Rd	Winter Haven	Rick Allen	rick@tuckerpaving.com	863-299-2262	FL
	Tucker Paving, Inc.					Paving	3545 Lake Alfred Rd	Winter Haven	Rick Allen	rick@tuckerpaving.com	863-299-2262	FL
	Tucker Paving, Inc.					Site Utilities	3545 Lake Alfred Rd	Winter Haven	Rick Allen	rick@tuckerpaving.com	863-299-2262	FL
X	Tucker Paving, Inc.					Striping	3545 Lake Alfred Rd	Winter Haven	Rick Allen	rick@tuckerpaving.com	863-299-2262	FL
X	Twist Inc					HVAC	47 S Limestone St	Jamestown	Kali Ables	kables@twistinc.com	937-675-9581	OH
X	Two Buffalo Construction Supplies Inc.	X			X	Roofing	8051 N Tamiami Trail	Sarasota	Larry Knudsen	larry@twobuffalo.com	612-432-0057	FL
	Two Trails, Inc.					Architect and Engineer Services	8955 US-301, #386	Parrish	Peter Killeen	pete@twotrails.com	941-776-8680	FL
	Two Trails, Inc.					Construction Logistics	8955 US-301, #386	Parrish	Peter Killeen	pete@twotrails.com	941-776-8680	FL
	Two Trails, Inc.					Testing and Inspection	8955 US-301, #386	Parrish	Peter Killeen	pete@twotrails.com	941-776-8680	FL
X	Two Trails, Inc.					LEED Consultant	8955 US-301, #386	Parrish	Peter Killeen	pete@twotrails.com	941-776-8680	FL
	UCC Group Inc.					Hoisting	7380 Sand Lake Rd, Suite 500	Orlando	Graham Duthie	gduthie@uccgroup.com	407-248-0989	FL
	UCC Group Inc.					Landscaping	7380 Sand Lake Rd, Suite 500	Orlando	Graham Duthie	gduthie@uccgroup.com	407-248-0989	FL
	UCC Group Inc.					Paving	7380 Sand Lake Rd, Suite 500	Orlando	Graham Duthie	gduthie@uccgroup.com	407-248-0989	FL
X	UCC Group Inc.					Retaining Walls	7380 Sand Lake Rd, Suite 500	Orlando	Graham Duthie	gduthie@uccgroup.com	407-248-0989	FL
X	Underground Construction Co., Inc.					Fuel Systems	222 S. 52nd Street	Tempe	Tim Richards	trichards@undergroundconstruction.com	707-751-2112	AZ
	United Advantage Signs, Inc dba United Sign Systems					Building Specialties	206 Tower Dr	Oldsmar	Steven Higger	sh@usigns.com	(813) 448-2978	FL
X	United Advantage Signs, Inc dba United Sign Systems					Miscellaneous Metals	206 Tower Dr	Oldsmar	Steven Higger	sh@usigns.com	(813) 448-2978	FL
X	United Forming					Cast in Place Concrete	651 Danville Dr	Orlando	Doug Royce	droyce@unitedforming.com	407-536-5413	FL
	United Grading and Excavating					Dewatering	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Grading and Excavating					Earthwork Improvements	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Grading and Excavating					Electrical	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Grading and Excavating					Erosion Control/SWPPP	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Grading and Excavating					Guard Rails & Barriers	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Grading and Excavating					Paving	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Grading and Excavating					Pond Liners	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Grading and Excavating					Site Utilities	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Grading and Excavating					Striping	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Grading and Excavating					Survey	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
X	United Grading and Excavating					Traffic Topping / Sealer	199-A Fairburn Industrial Blvd	Fairburn		jcrowe@unitedgrading.com	770-376-6000	GA
	United Infrastructure Group, Inc.					Cast In Place Concrete	1980 Cameron Ave	Sanford	Vince Gammage	vince.gammage@uig.net	407-377-0550	FL
	United Infrastructure Group, Inc.					Earthwork Improvements	1980 Cameron Ave	Sanford	Vince Gammage	vince.gammage@uig.net	407-377-0550	FL
	United Infrastructure Group, Inc.					Guard Rails & Barriers	1980 Cameron Ave	Sanford	Vince Gammage	vince.gammage@uig.net	407-377-0550	FL
	United Infrastructure Group, Inc.					Paving	1980 Cameron Ave	Sanford	Vince Gammage	vince.gammage@uig.net	407-377-0550	FL
	United Infrastructure Group, Inc.					Pile Foundations	1980 Cameron Ave	Sanford	Vince Gammage	vince.gammage@uig.net	407-377-0550	FL
	United Infrastructure Group, Inc.					Precast	1980 Cameron Ave	Sanford	Vince Gammage	vince.gammage@uig.net	407-377-0550	FL
	United Infrastructure Group, Inc.					Site Improvements	1980 Cameron Ave	Sanford	Vince Gammage	vince.gammage@uig.net	407-377-0550	FL
X	United Infrastructure Group, Inc.					Site Utilities	1980 Cameron Ave	Sanford	Vince Gammage	vince.gammage@uig.net	407-377-0550	FL
X	United Rentals, Inc.					Building Materials	9375 Boggy Creek Road	Orlando	Mark Stuckie	stuckiem@ur.com	407-466-5814	FL
X	United Skys, LLC					Skylights	702 Magna Dr,	Round Lake	Beau Crandal	bcrandal@unitedskys.com	847-546-7776	IL
	United Visual Branding, LLC					Signage	206 Tower Dr	Oldsmar	Anne-Marie Thomas	amt@uvbrand.com	813-448-5330	FL
X	United Visual Branding, LLC					Building Specialties	206 Tower Dr	Oldsmar	Anne-Marie Thomas	amt@uvbrand.com	813-448-5330	FL
X	Universal Forest Products, Inc.					Building Materials	105 Progress Rd	Auburndale	Sam Huffstutter	shuffstutter@ufpi.com	901-268-9188	FL
X	Universal Sign Systems, Inc					Signage	5001 Falcon View Ave SE,	Kentwood	Nate Zevenbergen	natez@universalsignsystems.com	616-554-9999	MI
	Unlimited Welding, Inc.	X				Miscellaneous Metals	235 Old Sanford Oviedo Rd	Winter Springs		robert.rutherford@unlimitedwelding.com	407-327-3333	FL
X	Unlimited Welding, Inc.	X				Structural Steel	235 Old Sanford Oviedo Rd	Winter Springs		robert.rutherford@unlimitedwelding.com	407-327-3333	FL
X	Upholstery & Wood Creations, Inc.	X				Furnishings and Fixtures	4351 35th St, 200	Orlando	Maria Elena Pereira	mepereira@uwc-web.com	407-826-3516	FL
X	Valencia Construction Group, Inc.	X				General Contracting	348 Country Cottage Lane	Winter Garden	Vishaan Lutchman	vishaan@valenciacc.us	407-614-5870	FL

Hensel Phelps
South Terminal C Phase 1 Airside/Concourse

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS

Firms Approved by PSC

	Company Name	MWBE	LDB	VBE	DBE	Trades	Address	City	Contact	Email	Phone	State
X	Valiant Products Inc					Building Equipment	939 Quincy St	Lakeland	Emily Eakins	estimating@valiantproductsinc.com	863-688-7998	FL
	Vanderlande Industries Inc					Vertical Transportation	1975 West Oak Circle	Marietta	Art Masri	art.masri@vanderlande.com	770-250-2800	GA
X	Vanderlande Industries Inc					Conveying Systems	1975 West Oak Circle	Marietta	Art Masri	art.masri@vanderlande.com	770-250-2800	GA
X	Verde Construction Managers, LLC	X				General Contracting	976 Lake Baldwin Ln #201	Orlando	Alexander Rey	accounting@reygroupindustries.com	(407) 281-6666	FL
	Ver-Tex Construction Specialties, Inc.					Window Treatments	19591 NE 10th Ave, Bay D	North Miami Beach	Fred Jennings	fjennings@ver-tex.com	305-424-8525	FL
X	Ver-Tex Construction Specialties, Inc.					Building Specialties	19592 NE 10th Ave, Bay D	North Miami Beach	Fred Jennings	fjennings@ver-tex.com	305-424-8525	FL
X	Vertical Blind Manufacturers	X	X			Window Coverings	416 Commerce Way	Londwood	Melissa Hawes	m.hawes@vbmwindows.net	407-339-7600	FL
X	Vivid Consulting Group LLC	X			X	Construction Logistics	2902 W Lutz Lake Fern Rd	Lutz	Mario Parra	mario@vividpros.com	813-988-8100	FL
	VMG Construction Inc	X				Cast in Place Concrete	43 1st St	Winter Garden	Adolfo Galvan	adolfo@vmgconstructioninc10.com	407-347-9536	FL
X	VMG Construction Inc	X				Concrete Finishing	43 1st St	Winter Garden	Adolfo Galvan	adolfo@vmgconstructioninc10.com	407-347-9536	FL
	Votum Construction LLC	X	X		X	Construction Logistics	711 W. Amelia Street	Orlando	Teska Dillard	tdillard@votumllc.com	407-704-2854	FL
X	Votum Construction LLC	X	X		X	General Contracting	711 W. Amelia Street	Orlando	Teska Dillard	tdillard@votumllc.com	407-704-2854	FL
X	VSC Fire & Security, Inc.					Fire Protection	2401 Lynx Ln #2	Orlando	Sam Logue	salogue@vscfs.com	407-679-3332	FL
	W.W. Gay Mechanical Contractor, Inc.					Mechanical	3220 W 39th Street	Orlando		msims@wwgmc.com	407-708-3331	FL
X	W.W. Gay Mechanical Contractor, Inc.					Plumbing	3220 W 39th Street	Orlando		msims@wwgmc.com	407-708-3331	FL
	Wal-Mark Contracting Group LLC					Cementitious Siding	3630 Silver Star Rd	Orlando	Jeff Shepherd	jshepherd@wmo.nceusa.com	407-294-5051	FL
	Wal-Mark Contracting Group LLC					Fireproofing	3630 Silver Star Rd	Orlando	Jeff Shepherd	jshepherd@wmo.nceusa.com	407-294-5051	FL
	Wal-Mark Contracting Group LLC					Gypsum Drywall and Ceilings	3630 Silver Star Rd	Orlando	Jeff Shepherd	jshepherd@wmo.nceusa.com	407-294-5051	FL
X	Wal-Mark Contracting Group LLC					Metal Panels	3630 Silver Star Rd	Orlando	Jeff Shepherd	jshepherd@wmo.nceusa.com	407-294-5051	FL
X	Waste Pro of Florida					Construction Logistics	2101 W State Rd 434 #315	Longwood	Rachelle Belanger	rbelanger@wasteprousa.com	321-377-5391	FL
	Waterproofing Specialists, Inc.				X	Fireproofing	5744 Rockwood Ave	Orlando	Steve Vanderlinde	sv@wpsi.ws	407-402-1540	FL
	Waterproofing Specialists, Inc.				X	Traffic Topping / Sealer	5744 Rockwood Ave	Orlando	Steve Vanderlinde	sv@wpsi.ws	407-402-1540	FL
X	Waterproofing Specialists, Inc.				X	Waterproofing and Caulking	5744 Rockwood Ave	Orlando	Steve Vanderlinde	sv@wpsi.ws	407-402-1540	FL
	Watson Civil Construction, Inc d/b/a Watson Civil					Earthwork Improvements	319 W Town Place, Suite 25	St Augustine	Roger Bailey	estimating@watsoncivil.com	(904) 297-1800	FL
X	Watson Civil Construction, Inc d/b/a Watson Civil					Site Utilities	319 W Town Place, Suite 25	St Augustine	Roger Bailey	estimating@watsoncivil.com	(904) 297-1800	FL
	WBA Associates LLC					Painting	29 Coddington Ct,	Belle Mead	Joseph Barnes	jbarnes@wbaandassociates.com	888-682-0588	NJ
X	Webb Builders Hardware, Inc. dba WBH Industries					Doors & Hardware	3016 Avenue E East	Arlington		pprice@wbhindustries.com	817-701-3418	TX
X	Well Kept Windows L.L.C.					Furnishings and Fixtures	15763 Bermuda St	Orlando	Kevin Houghton	kevin@wellkeptwindows.com	407-408-5253	FL
X	Wendt Productions, Inc.	X			X	Fire Extinguishers		Odessa	Susan Wednt	swendt@wendtpro.com	813-920-5000	FL
	Western Industrial Contractors, Inc					Vertical Transportation	14805 East Moncrieff Place	Aurora	John Eddy	jeddy@westerncon.com	303-371-3714	CO
	Western Industrial Contractors, Inc					Structural Steel	14805 East Moncrieff Place	Aurora	John Eddy	jeddy@westerncon.com	303-371-3714	CO
X	Western Industrial Contractors, Inc					Miscellaneous Metals	14805 East Moncrieff Place	Aurora	John Eddy	jeddy@westerncon.com	303-371-3714	CO
X	White Sign Company, LLC					Signage	909 S Charles Richard Beall Blvd, Suite A,	Debary	Joel White	jwhite@whitesigncompany.com	407342-7887	FL
	Whitlock Group, LLC					Signage	1075 Florida Central Pkwy, Suite 2150,	Longwood	Sara Cooper	Coopers@whitlock.com	727-389-9022	FL
X	Whitlock Group, LLC					Low Voltage Systems	1075 Florida Central Pkwy, Suite 2150,	Longwood	Sara Cooper	Coopers@whitlock.com	727-389-9022	FL
X	Wholesale Electric Caribe, Inc	X			X	Electrical	10250 NW 89th Ave #5	Medley	Miguel Barrios	sales@wecipr.com	(305) 885-1260	FL
X	WI Holdings, Inc. dba Window Interior, Inc.					Building Specialties	947 Josiane Ct, Suite 1010	Altamonte Springs	Dave Riley	driley>windowinteriors.com	407-539-1303	FL
	Wilkinson Hi-Rise					Building Equipment	3001 Greene St	Hollywood	Jennifer Garcia	kgarcia@whrise.com	954-342-4400	FL
X	Wilkinson Hi-Rise					HVAC	3001 Greene St	Hollywood	Jennifer Garcia	kgarcia@whrise.com	954-342-4400	FL
	Williams Earthwork, Inc.	X				Construction Logistics	601 E 25th St,	Sanford	Shantle Williams	williamsearthworkinc@hotmail.com	407-915-6079	FL*
	Williams Earthwork, Inc.	X				Earthwork Improvements	601 E 25th St,	Sanford	Shantle Williams	williamsearthworkinc@hotmail.com	407-915-6079	FL*
	Williams Earthwork, Inc.	X				Site Improvements	601 E 25th St,	Sanford	Shantle Williams	williamsearthworkinc@hotmail.com	407-915-6079	FL*
	Williams Earthwork, Inc.	X				Site Structures	601 E 25th St,	Sanford	Shantle Williams	williamsearthworkinc@hotmail.com	407-915-6079	FL*
X	Williams Earthwork, Inc.	X				Site Utilities	601 E 25th St,	Sanford	Shantle Williams	williamsearthworkinc@hotmail.com	407-915-6079	FL*
X	Williams Scotsman, Inc.					Construction Logistics	901 S Bond Street, Suite 600	Baltimore	Jerry Flanigan	jerry.flanigan@as.willscot.com	800-782-1500	MD
X	Window Interiors					Furnishings and Fixtures	947 Josiane Court	Altamonte Springs	Bob Robinson	brobinson>windowinteriors.com	407-539-1303	FL
X	WP Underground Utilities				X	Site Utilities	2475 Palm Bay Rd N.E., Suite 225	Palm Bay	Warren Patten	warrenjr@wpundergroundutilities.com	321-473-8317	FL
	York International					Electrical	10003 Satellite Blvd, Suite 208	Orlando	Emily Harrison	emily.1.harrison@jci.com	407-850-0147	FL
X	York International					Mechanical	10003 Satellite Blvd, Suite 208	Orlando	Emily Harrison	emily.1.harrison@jci.com	407-850-0147	FL

Turner/Kiewit Joint Venture

Firms Recommended for PSC Approval											
Company Name	MWBE	LDB	DBE	VBE	Trades	Address1	City	Contact	Email	Phone	State
1 Pece Of Mind Disposal					Demoliton	1575 Aber Road	Orlando	Steve Pece	steve@peceofmind.com	407-568-3459	FL
Firms Recommended for Approval: 1	0	0	0	0							

South Terminal C - Phase 1		*Prequalified Subcontractors/Suppliers Summary	
Total Prequalified Subs/Suppliers:	612		
MWBE Certified:	196	32%	
LDB Certified:	95	16%	
SDVOBE Certified:	4	1%	
DBE Certified:	191	31%	
<i>* Today's recommendations are assumed approved for the purpose of this summary and included in these totals.</i>			

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
Previously PSC Approved

Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
1 A.C. Delovade, Inc.					Metal Panels & Column Covers	108 Cavasina Dr., Canonsburg, PA 15317	Canonsburg	Jason Majeski	jason.majeski@acdelovade.com	724.873.8190	PA
A.C. Delovade, Inc.					Metal Roofing System	108 Cavasina Dr., Canonsburg, PA 15317	Canonsburg	Jason Majeski	jason.majeski@acdelovade.com	724.873.8190	PA
2 Aabot Fence, LLC					Barricades and Signage	653 N. Goldenrod Rd., Orlando, FL 32807	Orlando	Gary Musselwhite	gary@aabotfence.com	407.207.4401	FL
3 Above the Sill					Sunshades/Louvers	745 C. Shamrock Blvd., Venice, FL 34243	Venice	Phil Barone	phil@abovethesill.net	941.492.3101	FL
4 Abrams Architectural Products, Inc.					Metal Panels	7260 Delta Circle	Austell	Terry Cole	terry@abramssales.com	770.745.8728	GA
5 AC Signs, LLC	✓	✓	✓		Signage	10201 Rocket Ct. #100, Orlando, FL 32824	Orlando	Rob Jarvis	rob@acsigns.com	407.857.5564	FL
6 Access Floor Solutions					Access Flooring	12792 West Colonial Drive	Winter Garden	Ed Patti	epatti@accessfloorsolutions.com	407.877-2379	FL
7 Ace Staffing, Inc.					Work Force Badging	6304 Old Cheney Hwy., Orlando, FL 32807	Orlando	Viren Patel	viren@acestaffing.com	407.702.4573	FL
8 Ackerman Plumbing					Plumbing	2011 Whitfield Park Loop	Sarasota	Eric Ackerman	eackerman@ackermanplumbinginc.com	941.755.7448	FL
9 Acme Barricades, L.C.					Barricades and Signage	9800 Normandy Blvd., Jacksonville, FL 32221	Jacksonville	Robin Gellhouse	rgellhouse@acmebarricades.com	407.253.4337	FL
10 Acousti Doors & Specialties					Overhead Doors	3506 St Valentine Way Unit #2	Orlando	Kristian Roskaft	kristian@acoustids.com	386-789-1000	FL
11 Acousti Engineering Company of Florida					Drywall, ACT, Specialties	4656 Southwest 34th Street	Orlando	Randy Keller	randykeller@acousti.com	407.425.3467	FL
12 Action Chutes, Inc.					Trash Chutes	20 Ion Barrett Rd	Patterson	Steve Hebert	steve@actionchutes.com	845-225-4507	NY
13 Acurlite Structural Skylights, Inc.					Skylight	1017 North Vine St., Berwick, PA 18603	Berwick	Sharleen Roberts	sales@acurlite.com	570.759.6882	PA
14 ACY Contractors, LLC	✓	✓	✓		Acoustical Ceilings	6160 Edgewater Drive #C, Orlando, FL 32810	Orlando	Michael Young	mdyoung@acycontractors.com	407.792.2707	FL
ACY Contractors, LLC	✓	✓	✓		Coiling Doors	6160 Edgewater Drive #C, Orlando, FL 32810	Orlando	Michael Young	mdyoung@acycontractors.com	407.792.2709	FL
ACY Contractors, LLC	✓	✓	✓		Concrete Flatwork (SOG, Sidewalks, Misc Pads, C&G)	6160 Edgewater Drive #C, Orlando, FL 32810	Orlando	Michael Young	mdyoung@acycontractors.com	407.792.2709	FL
ACY Contractors, LLC	✓	✓	✓		Drywall	6160 Edgewater Drive #C, Orlando, FL 32810	Orlando	Michael Young	mdyoung@acycontractors.com	407.792.2708	FL
ACY Contractors, LLC	✓	✓	✓		Masonry	6160 Edgewater Drive #C, Orlando, FL 32810	Orlando	Michael Young	mdyoung@acycontractors.com	407.792.2709	FL
ACY Contractors, LLC	✓	✓	✓		Millwork	6160 Edgewater Drive #C, Orlando, FL 32810	Orlando	Michael Young	mdyoung@acycontractors.com	407.792.2709	FL
15 Adams Brothers Cabinetry d/b/a Adams Group					Millwork	2221 Murphy Ct., North Port, FL 34289	Port	Joe West	estimating@discoveradams.com	941.639.7188	FL
16 ADF International, Inc.					Steel	1619 Wythe Rd., Lynchburg, VA 24501	Lynchburg	Alexis Giroux	alexis.giroux@adfgroup.com	305.621.0001	VA
ADF International, Inc.					Structural Steel & Misc. Metals	1321 8th Ave. North, Great Falls, MT 59401	North Great Falls	Alexis Giroux	alexis.giroux@adfgroup.com	305.621.0001	MT
17 Advanced Cable Connection, Inc.			✓		Telecom	13654 N. 12th St., Suite 1, Tampa, FL 33613	Tampa	Ronald Schemitsch	estimating@accicable.com	813.978.0101	FL
18 Advanced Disposal Services, Inc.					Waste Hauler	90 Fort Wade Road, Suite 200	Ponte Vedra	Richard Kneeland	Richard.Kneeland@advanceddisposal.com	407.734.3404	FL
19 Advanced Masonry Systems					Masonry	5403 Ashton Ct.	Sarasota	Ron Karp	ron@advmasony.com	941-926-3155	FL
20 Advanced Millwork, Inc.					Millwork	2645 Regent Avenue, Orlando, FL 32804	Orlando	Ashley Coleman	ashleyc@advancedmillwork.com	407.244.1927	FL
21 Advanced Overhead Systems					Equipment Cranes	3510 Craftsman Blvd	Lakeland	John Haney	john@aoocranes.com	863-667-3757	FL
22 AED Inc.			✓		Electrical, HVAC, Mech Louvers, Plumbing	6525 Belcrest Rd., Ste. 426, Hyattsville, MD 20782	Hyattsville	Reginald	info@aeworld.com	407.645.5522	MD
AED Inc.			✓		HVAC/Mech Louvers	6525 Belcrest Rd., Ste. 426, Hyattsville, MD 20782	Hyattsville	Reginald	info@aeworld.com	407.645.5522	MD
AED Inc.			✓		Plumbing	6525 Belcrest Rd., Ste. 426, Hyattsville, MD 20782	Hyattsville	Reginald	info@aeworld.com	407.645.5522	MD
23 Aerial Innovations, Inc.	✓		✓		Progress Photos	3703 W. Azeale St., Tampa, FL 33609	Tampa	Colette Eddy	blacksonremodeling@gmail.com	813.254.7339	FL
24 Aireko Energy Solutions US, LLC					Electrical	2415 W. Sand Lake Rd., Suite E	Orlando	Hector Rivera	hrivera@aireko.com	407.885.8767	FL
25 Airport Equipment Specialists Inc.					Overhead Doors	13957 Ketch Cove Pl, 403	Jacksonville	Chris Flemming	cflemming@aesi-global.com	904-608-8815	FL
26 Aleut Management Services					Electrical	5775 Mark Dabbling Blvd Suite 105	Colorado Springs	Steve Luker	stephen.lucker@aleutmtg.com	7192908292	CO
27 All Flooring USA					Flooring	12919 E Colonial Dr	Orlando	Hector L Torres	Hector@allflooringusa.com	(407) 243-1911	FL
28 Allied Barton Security Services					Security	11 S. Bumby Ave., Orlando, FL 32803	Orlando	Taylor McDonald		954.415.7419	FL
29 Allied Door & Hardware Co., Inc.					Overhead Doors	1465 Cox Rd	Cocoa	Ed Harding	eharding@allieddoors.com	321-639-6372	FL
30 All-Rite Fence Services, Inc.					Barricades and Signage	5115 Old Winter Garden Rd., Orlando, FL 32811	Orlando	Donna		407.295.7093	FL
31 Allstate Steel Company Inc of Jacksonville					Structural Steel & Ornamental Metals	130 Jackson Avenue South	Jacksonville	Eddy Barrera	ebarrera@allstatesteel.com	904-694-0674	FL
32 Alpha Insulation & Waterproofing Co.	✓				Fireproofing/Waterproofing	669 Village Trace NE, Bldg. 19C, Marietta, GA 30067	Marietta	Kristi Giles	kgiles@alphaiwp.com	678.325.2959	GA
Alpha Insulation & Waterproofing Co.	✓				Waterproofing/Joint Sealants/Foundation	670 Village Trace NE, Bldg. 19C, Marietta, GA 30067	Marietta	Kristi Giles	kgiles@alphaiwp.com	678.325.2960	GA
33 Altamonte Glass & Mirror, Inc.	✓				Glazing/Curtainwall Systems & Skylights	6001 Cinderlane Parkway, Orlando, FL 32810	Orlando	Brian Fitzgerald	brian@altamonteglass.com	407.770.1400	FL
Altamonte Glass & Mirror, Inc.	✓				Interior Glazing	6000 Cinderlane Parkway, Orlando, FL 32810	Orlando	Brian Fitzgerald	brian@altamonteglass.com	407.770.1399	FL
Altamonte Glass & Mirror, Inc.	✓				Skylight	6001 Cinderlane Parkway, Orlando, FL 32810	Orlando	Brian Fitzgerald	brian@altamonteglass.com	407.770.1400	FL
34 Altel Systems Group, Inc.					Audio Visual	2856 Broadway Center Blvd., Unit A4, Brandon, FL 33510	Brandon	Anja Vitale	avitale@asg-av.com	813.628.6100	FL
35 Alumiglass LLC					Glazing/Curtainwall Systems & Skylights	3402 Quantum Blvd., Boynton Beach, FL 33431	Boynton Beach	Bob Mulligan	bobm@alumiglass.com	561.750.2300	FL
36 Ambient Technologies, Inc.	✓		✓		Quality Control/Materials Testing	4610 Central Ave., St. Petersburg, FL 33711	St. Petersburg	Albert Rodriguez	albert@ambienttech.com	813.300.5995	FL
37 American Backflow & Fire Services, LLC			✓		Fire Protection	1230 Oakley Seaver Dr., Ste. 302, Clermont FL 34711	Clermont	Gary Gamache	info@abfservices.com	877.393.5544	FL
American Backflow & Fire Services, LLC			✓		Plumbing	1229 Oakley Seaver Dr., Clermont FL 34711	Clermont	Gary Gamache	info@abfservices.com	877.393.5543	FL
38 American Chutes					Trash Chutes	600 Twin Rail Dr	Minooka	Frank Stephens	frank.stephens@americanchute.com	815-723-7632	IL
39 American Davit LLC					Window Washing Equipment	3807 Charlotte Ave	Nashville	Dennis Pease	dennis@americandavit.com	615-414-1874	TN
40 American Eagle Concrete Sawing & Drilling Inc.			✓		Concrete Cutting	1705 S. Division Ave., Orlando, FL 32805	Orlando	Jodi Kelzer	jkamericaneagle@gmail.com	407.654.3632	FL
41 American Janitorial Maintenance, Inc.	✓	✓	✓		Cleaning	600 N. Thacker Ave., Suite D47	Kissimmee	Rose-Marie Aveloo	americanjms@gmail.com	407-334-8803	FL
42 American Roll Up Door Co.					Coiling Doors	10501 Rocket Blvd., Orlando, FL 32824	Orlando	Thomas Miller	ardOrlando@bellsouth.net	407.857.2427	FL
43 Anning-Johnson Company					Gypsum/ACT	1959 Anson Drive	Melrose Park	Jim Kasella	jkasella@ansonindustries.com	708.514.6890	IL
44 Anthony Allega Cement Contractor, Inc.					Concrete, Earthwork, GR's	5585 Canal Rd.	Valley View	Laura Fiorello	lfiorello@allega.com	216.867.1345	OH
45 APG Electric Inc.					Electrical	4825 140th Ave. North	Clearwater	Chris Johnson	chris.johnson@appelectric.com	727-530-0077	FL
46 Arazoza Brothers Corp.	✓				Interior Landscape Plants & Accessories	15901 SW 242nd St	Homestead	Melissa Diaz	mdiaz@arazozaibros.com	305-246-3223	FL
47 Archis Inc.	✓	✓	✓		Low Voltage	350 E Crown Point Rd.	Winter Garden	Lidharry Jiawan	NJ@archistech.com	407-383-5628	FL
48 Architectural Graphics, Inc.					Signage	2655 International Pkwy., Virginia Beach, VA 23452	Virginia Beach	William Clark	michael@asmFLcom	757.427.1900	VA
49 Architectural Sheet Metal, Inc.					Metal Panels & Column Covers	9101 Parkers Landing, Ste. 100, Orlando, FL 32824	Orlando	Michael Leonard	michael@asmFLcom	407.855.7183	FL
Architectural Sheet Metal, Inc.					Metal Roofing System	9100 Parkers Landing, Ste. 100, Orlando, FL 32824	Orlando	Michael Leonard	michael@asmFLcom	407.855.7182	FL
50 Architectural Systems, Inc.					Acoustical & Metal Ceilings	2310 Mercator Dr	Orlando	Karina Cantor	kcantor@archsystems.com	212-206-1730	FL
51 Ardaman & Associates, Inc.					Quality Control/Materials Testing	8008 S. Orange Ave., Orlando, FL 32809	Orlando	Jason Parker	jparker@ardaman.com	407.855.3860	FL
52 Armstrong Fence Company					Site Furnishings & Fencing	3226 Talleyrand Ave	Jacksonville	Don Miller	dmiller@armstrong-fence.com	904-356-2333	FL
53 Associated Building Specialties, Inc.					Div10 Specialties/Toilet Accessories	6070 Twin Lakes Dr., Oviedo, FL 32765	Oviedo	Kathleen Singer	ksinger@abslfnet	407.339.2284	FL

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
Previously PSC Approved

	Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
54	Associated Cost Engineers, Inc. of Delaware dba ACE Rebar & Construction			✓		Structural Concrete (Columns/Walls/Stairs/SOD	801 N. Pine Hills Rd., Orlando, FL 32808	Orlando	Jaja Wade	jwade@aceconstructionmanagemen	407.704.7803	FL
	Associated Cost Engineers, Inc. of Delaware dba ACE Rebar & Construction			✓		Structural Steel & Misc. Metals	801 N. Pine Hills Rd., Orlando, FL 32808	Orlando	Jaja Wade	jwade@aceconstructionmanagemen	407.704.7803	FL
55	Atlantic Central Enterprises, Inc.					Metals	336 LPGa Blvd.	Holly Hill	Steve Traulsen	ace-s@cfl.rr.com	386-871-7174	FL
56	Attaway Services, Inc.					Manholes, Water Utilities	801 S.E. 28th St.	Ft. Lauderdale	Troy Brown	tbrown@attawayservices.com	954.462.2920	FL
57	Audio Fidelity Communications Corporation d/b/a Whitlock					Audio Visual	12820 West Creek Parkway, Suite M, Richmond, VA 23238	Richmond	Mark Wilson	wilsonm@whitlock.com	813.498.0399	VA
	Audio Fidelity Communications Corporation d/b/a Whitlock					Public Address	12820 West Creek Parkway, Suite M, Richmond, VA 23238	Richmond	Mark Wilson	wilsonm@whitlock.com	813.498.0399	VA
58	Audio Visual Innovations, Inc.					Audio Visual	6301 Benjamin Road, Suite 101, Tampa, FL 33634	Tampa	Jim Englemann	jim.englemann@avispl.com	813.884.7168	FL
	Audio Visual Innovations, Inc.					Public Address	6301 Benjamin Road, Suite 101, Tampa, FL 33634	Tampa	Jim Englemann	jim.englemann@avispl.com	813.884.7168	FL
59	AWK Consulting Engineers, Inc.			✓		Access Roads/Storage Yards	6457 Hazeltine National Dr., Orlando, FL 32822	Orlando	Rachel Andre	cchinopolos@berkelapg.com	407.666.8098	FL
60	Axios Construction Services, LLC	✓	✓	✓		Acoustical Ceilings	2905 Lakeview Dr., Casselberry, FL 32730	Casselberry	Rami	ramisadrack@axioscs.com	321.352.6825	FL
61	B & I Contractors, Inc.					Mechanical/Plumbing	2701 Prince Street	Fort Myers	Gary Griffin	ggriffin@bandiflorida.com	239.332.4646	FL
	B & I Contractors, Inc.					Ceramic Tile	2902 Lakeview Dr., Casselberry, FL 32730	Casselberry	Rami	ramisadrack@axioscs.com	321.352.6826	FL
	B & I Contractors, Inc.					Concrete Flatwork (SOG, Sidewalks, Misc Pads, C&G)	2905 Lakeview Dr., Casselberry, FL 32730	Casselberry	Rami	ramisadrack@axioscs.com	321.352.6829	FL
	B & I Contractors, Inc.					Drywall	2903 Lakeview Dr., Casselberry, FL 32730	Casselberry	Rami	ramisadrack@axioscs.com	321.352.6827	FL
	B & I Contractors, Inc.					Paint/Special Coatings	2904 Lakeview Dr., Casselberry, FL 32730	Casselberry	Rami	ramisadrack@axioscs.com	321.352.6828	FL
	B & I Contractors, Inc.					Telecom	2905 Lakeview Dr., Casselberry, FL 32730	Casselberry	Rami	ramisadrack@axioscs.com	321.352.6829	FL
62	B & M Masonry, Inc.					Masonry	104 Gann Rd.	Marietta	Jeff Turner	jeff@bmmasonryinc.com	813.936.4016	GA
63	B.R. McMillan & Associates					Specialties	4030 Old Highway 31 West	Cottontown	Nick Hassell	nickh442@gmail.com	615-672-2996	TN
64	Baker Concrete Construction, Inc.					Architctural Precast	1540 Aber Rd., Orlando FL 32807	Orlando	Ben Goodin	goodinb@bakerconcrete.com	407.952.9111	FL
	Baker Concrete Construction, Inc.					Concrete Foundations & Earthwork	1540 Aber Rd., Orlando FL 32807	Orlando	Ben Goodin	goodinb@bakerconcrete.com	407.952.9112	FL
	Baker Concrete Construction, Inc.					Precast Platforms	1540 Aber Rd., Orlando FL 32807	Orlando	Ben Goodin	goodinb@bakerconcrete.com	407.952.9109	FL
	Baker Concrete Construction, Inc.					Structural Concrete (Columns/Walls/Stairs/SOD	1540 Aber Rd., Orlando FL 32807	Orlando	Ben Goodin	goodinb@bakerconcrete.com	407.952.9112	FL
	Baker Concrete Construction, Inc.					Structural Concrete (Columns/Walls/Stairs/SOD	1540 Aber Rd., Orlando FL 32807	Orlando	Ben Goodin	goodinb@bakerconcrete.com	407.952.9110	FL
65	Baker Interactive Services, LLC d/b/a Baker Audio Visual					Audio Visual	2195 N. Norcross Tucker Rd., Norcross, GA 30071	Norcross	Kasie Barnett	kasie.barnett@bakeraudiovisual.com	770.441.2000	GA
	Baker Interactive Services, LLC d/b/a Baker Audio Visual					Public Address	2195 N. Norcross Tucker Rd., Norcross, GA 30071	Norcross	Kasie Barnett	kasie.barnett@bakeraudiovisual.com	770.441.2000	GA
66	Banker Steel Co., LLC					Structural Steel & Misc. Metals	6635 Edgewater Dr., Orlando FL 32810	Orlando	John Omran	jomran@bankersteel.com	813.352.0207	FL
67	Barber & Associates, Inc.					Waterproofing	5755 Macy Avenue	Jacksonville	John W. Barber III	trip@barberjax.com	904.759.2796	FL
68	Bauer Foundation Corp.					Auger Cast Piles	13203 Byrd Legg Dr., Odessa, FL 33556	Odessa	Michael Germana	mgermana@bauerfoundations.com	727.536.4747	FL
69	Bay Carpets, Inc.					Carpet & Resilient Flooring	680 West 18th St.	Hialeah	Jay Perez	jperez@baycarpetinc.com	305-889-0617	FL
70	Bay to Bay Balancing, Inc.					Test and Balance	933 Lee Rd., Suite 405, Orlando, FL 32810	Orlando	Deborah Long	debbie@bay2bay.net	407.704.8768	FL
71	BCI Incorporated					Curtainwall	5008 Tampa West Blvd.	Tampa	Jim Hatton	jhatton@bcindustries.com	813.785.9863	FL
72	Becker Communications, Inc. d/b/a BCI Integrated Solutions					CCTV	3506 Saint Valentine Way, Suite 5, Orlando, FL 32811	Orlando	Thomas Garner	tgarner@bciflnet	813.480.8916	FL
	Becker Communications, Inc. d/b/a BCI Integrated Solutions					Fire Alarm	3505 Saint Valentine Way Suite 5, Orlando, FL 32811	Orlando	Thomas Garner	tgarner@bciflnet	813.480.8915	FL
	Becker Communications, Inc. d/b/a BCI Integrated Solutions					Security	3506 Saint Valentine Way Suite 5, Orlando, FL 32811	Orlando	Thomas Garner	tgarner@bciflnet	813.480.8916	FL
73	Bell Architectural Specialties, Inc.					Specialties	6619 South 78th Street	Riverview	Donald Bell	dabell2355@gmail.com	813-927-5226	FL
74	Berg Electric					Electrical	404 Sunport Lane	Orlando	William Sorber	wsorber@bergelectric.com	760.746.1003	FL
75	Bergen Sign Company, Inc.					Signage	4100 Powerline Rd	Pompano Beach	Rich Walker	richw@bergensign.com	973-742-7755	FL
76	Berkel & Company, Contractors, Inc.					Access Roads/Storage Yards	3702 Rogers Industrial Park Rd., Okahumpka, FL 34762	Okahumpka	Chris Chinopolos		352.365.4308	FL
77	Best Rolling Doors, Inc.					Overhead Doors	9780 NW 79th Ave	Hialeah Gardens	Edwing Meyer	edwing.meyer@gmail.com	605-206-8842	FL
78	Bettinger West Interiors					Access Flooring	7079 Brookdale Drive	Elkridge	Gary Parsons	gparsons@bettingerwest.com	410-799-8286	MD
79	Big Bird LLC DBA Sign Source of Charleston					Signage	844 Suite D Rochelle Ave.	Charleston	LeeAnn Rawson	leeann@altasigns.com	843.801.0821	SC
80	Big Stuff Incorporated					Trash Chutes	1301 Ritchie Rd	Capital Heights	Josh Bortnick	josh@bigstuffinc.com	301-499-3700	MD
81	BIOFOAM					Spray Foam Roofing	3627 W Harrison St.	Chicago	Info@biofoamusa.com		866-356-3626	IL
82	Birdair, Inc.					Aluminum Walkway	65 Lawrence Bell Dr., Amherst, NY 14221	Amherst	Tom Connell	tconnell@birdair.com	716.633.9500	NY
83	Black & Son Remodeling LLC	✓	✓	✓		Concrete	519 Royal Palm Dr., Kissimmee, FL 34743	Kissimmee	Zheer Black	blacksonremodeling@gmail.com	407.334.1873	FL
	Black & Son Remodeling LLC	✓	✓	✓		Rough Carpentry	519 Royal Palm Dr., Kissimmee, FL 34743	Kissimmee	Zheer Black	blacksonremodeling@gmail.com	407.334.1873	FL
	Black & Son Remodeling LLC	✓	✓	✓		Doors/Frames/Hardware	520 Royal Palm Dr., Kissimmee, FL 34743	Kissimmee	Zheer Black	blacksonremodeling@gmail.com	407.334.1874	FL
	Black & Son Remodeling LLC	✓	✓	✓		Flooring	521 Royal Palm Dr., Kissimmee, FL 34743	Kissimmee	Zheer Black	blacksonremodeling@gmail.com	407.334.1875	FL
	Black & Son Remodeling LLC	✓	✓	✓		Drywall	521 Royal Palm Dr., Kissimmee, FL 34743	Kissimmee	Zheer Black	blacksonremodeling@gmail.com	407.334.1875	FL
84	Black Rock Industrial					Terrazzo Flooring	6699 NE 2nd Ave	Miami	Rocco Musumerci	rocco@blackrockindustrial.com	833-255-7625	FL
85	Blue Marlin Engineering, LLC	✓	✓	✓		Quality Control/Materials Testing	102 Drennen Rd., Ste. B-10, Orlando, FL 32806	Orlando	Ozzie Plaza	oplaza@bluemarlinengineering.com	407.217.4464	FL
86	Bright Future					Electrical	630 South Kissimmee Avenue	Ocoee	Skip Brown	skipb@brifutelectric.com	407.654.0155	FL
87	BrightView Landscapes					Interior Landscape Plants & Accessories	320 North Mission Road	Orlando	Jake Statham	jake.statham@brightview.com	407-587-6909	FL
88	Builder Services Group, Inc DBA Santa Rosa Insulation and					Fire Proofing & Insulation	6130 NW 74th Ave	Miami	Raul Puig	santarosa88@aol.com	305-592-5249	FL
89	C National Security LLC dba Comp Security	✓	✓	✓		Site Security	1402 West 16 St.	Sanford	Charlie Lewis	charleiewlsjr@hotmail.com	321-377-9439	FL
90	C&K United Sheet Metal and Mechanical Inc.					Glazing/Curtainwall Systems & Skylights	PO Box 16095, Evansville, IN 47716	Evansville	Maurice Coates	m.coatesjr@ckunited.com	812.423.5090	IN
	C&K United Sheet Metal and Mechanical Inc.					Waterproofing/Joint Sealants/Foundation						
	C&K United Sheet Metal and Mechanical Inc.					Waterproofing	PO Box 16095, Evansville, IN 47716	Evansville	Maurice Coates	m.coatesjr@ckunited.com	812.423.5090	IN
91	Cabinets by Design					Millwork & Countertops	2883 Pleasant Hill Rd	Duluth	Fari Vakili	fvakili@cbdga.com	770-418-1200	GA
92	CAD Concepts, Inc. dba CCI Engineering Services	✓		✓		BIM/VDC Engineer	2323 West 5th Ave	Columbus	Joyce Johnson	joyce@ccitechs.com	614.485.0670	OH
93	Cajun Installation and Distributing, Inc.	✓				D/F/H	1020 Ocoee Apopka Rd. #100	Apopka	Jim Sabella	jscajun@cajundoor.com	407-886-7533	FL
94	California Neon Products d/b/a CNP Signs & Graphics					Signage	4530 Mission Gorge Place, San Diego, CA 92120	San Diego	Rob Fought	rob.fought@cnpnigns.com	619.283.2191	CA
95	Capform, Inc.					Concrete	1455 Halsey Way	Carrilton	Anthony Bellissimo	tony@capforminc.com	972.245.7292	TX
96	Capri Contractors, Inc.	✓	✓	✓		Acoustical Ceilings	1218 Mt. Vernon St., Orlando, FL 32803	Orlando	Rafael Prieto	capri.rafael@gmail.com	407.228.4645	FL
97	Carnahan Proctor and Cross, Inc.					Surveying	604 Courtland St., Suite 101	Orlando	Donna Hagedorn	dhagedorn@cpcc-eng.com	407.960.5980	FL

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
Previously PSC Approved

Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
98 Carter Electric, Inc.					Electrical	2455 W. Orange Blossom Tr., Apopka, FL 32712	Apopka	Travis Bumgarner	travis@carter-electric.com	407.814.2677	FL
99 Case Atlantic Company					Precast Driven Piles & Earthwork	4585 140th Ave. North, Clearwater, FL 33762	Clearwater	Brian Moritz	phil@geotechpiles.com	727.572.7740	FL
100 Castle Constructors Company	✓		✓		Concrete Flatwork (SOG, Sidewalks, Misc Pads, C&G)	5850 TG Lee Blvd., Ste. 205, Orlando, FL 32822	Orlando	Ray Lorenzo	rlorenzo@castleconstruc.com	407.888.1195	FL
Castle Constructors Company	✓		✓		Masonry	5850 TG Lee Blvd. Ste. 205 Orlando, FL 32822	Orlando	Ray Lorenzo	rlorenzo@castleconstruc.com	407.888.1195	FL
101 CCK Construction Services, Inc.					Concrete	6250 Hazeltine National Drive	Orlando	Anthony Colasanti	tcolasanti@cckservices.com	407.472.9700	FL
102 CE Electrical Contractors, Inc					Electrical	1 Hartford Square Suite C10	New Britain	Wall Martinez	wmartinez@ce-electrical.com	860.356.0679	CT
103 Certified Finishes					Carpet & Resilient Flooring	4455 Dardanelle Dr	Orlando	Joey Perez	jperez@certifiedfinishes.com	407-335-5171	FL
104 Champin Painting Specialty Services Corp.	✓		✓		Drywall	130 SW 22 St., Ft. Lauderdale, FL 33315	Ft. Lauderdale	Carlos Hernandez	carlos@champpainting.com	954.462.9073	FL
Champion Painting Specialty Services Corp.	✓		✓		Paint/Special Coatings	130 SW 22 St., Ft. Lauderdale, FL 33315	Ft. Lauderdale	Carlos Hernandez	carlos@champpainting.com	954.462.9074	FL
105 Cherokee Enterprises, Inc.	✓		✓		Electrical	14474 Commerce Way, Miami Lakes, FL 33016	Miami Lakes	Amanuel Worku	aw@cherokeecorp.com	305.828.3353	FL
106 Cherrylake, Inc. d/b/a Legacyscapes					Landscaping	7836 Cherry Lake Rd., Groveland, FL 34736	Groveland	Aaron Morse	charlielewisjr@hotmail.com	888.529.5550	FL
107 Chroma Building Corp.					Door Frames/Hardware	84 West Park Place St., 5th Floor, Stamford, CT 06901	Stamford	Paul DePhillips	paul.dephillips@chromabuilding.com	203.602.8838	CT
108 Chrome Electric, LLC					Electrical	500 S. Park Ave.	Titusville	William Butcher	billy@chromeelec.com	321-267-0990	FL
109 Chutes International					Trash Chutes	Industrial Park Dr	Waldorf	Bob Loughlin	bob.loughlin@chutes.com	410-365-9046	MD
110 CirSCO, Commercial Industrial Roof Services Company					Metal Roofing System	311 S. Falkenburg Rd., Tampa, FL 33619	Tampa	Hig Dillinger	higdillinger@cirSCO.com	813.655.8079	FL
110 CirSCO, Commercial Industrial Roof Services Company					Mod. Bit. Roofing	311 S. Falkenburg Rd., Tampa, FL 33619	Tampa	Hig Dillinger	higdillinger@cirSCO.com	813.655.8078	FL
111 Clives Steel Company, Southern Division					Metal Panels & Column Covers	Old Alabama Rd. #200, Roswell, GA 30076	Roswell	Bill Hales	bhales@clives.com	229.228.9780	GA
111 Clives Steel Company, Southern Division					Structural Steel & Misc. Metals	Old Alabama Rd. #200, Roswell, GA 30076	Roswell	Bill Hales	bhales@clives.com	229.228.9780	GA
112 Cladding Systems, Inc.	✓				Aluminum Walkway	3218 E. 4th Ave., Tampa, FL 33605	Tampa	Suzie Frazer	suzie@cladsys.com	813.250.0785	FL
112 Cladding Systems, Inc.	✓				Metal Panels & Column Covers	3218 E. 4th Ave., Tampa, FL 33605	Tampa	Suzie Frazer	suzie@cladsys.com	813.250.0786	FL
113 Clayco Inc. dba Skyline Elevators			✓		Elevators	11306 Bay Lake Road	Groveland	Marcia Bell	skylinelev@aol.com	352.429.7688	FL
114 Clear Horizon Ventures Company d/b/a Petersen Metals					Metal Panels & Column Covers	9410 Eden Ave., Hudson, FL 34667	Hudson	Paul Schottelkotte	pauls@petersenmetals.com	727.372.1100	FL
115 Cleveland Construction, Inc.					Drywall, stucco, insulation	5390 Courseview Drive	Mason	David Kurilko	dkurilko@clevelandconstruction.com	513-623-4469	OH
116 Cleveland Electric Company					Electrical	1281 Fulton Industrial Blvd.	Atlanta	Rodney Shultz	Rodneys@clevelandgroup.com	404.505.4334	GA
117 Coastal Mechanical Services, LLC					HVAC/Mech Louvers	394 East Dr., Melbourne, FL 32904	Melbourne	J. Stewart	jstewart@coastalmechanical.com	321.392.4399	FL
117 Coastal Mechanical Services, LLC					Plumbing/HVAC	394 East Dr., Melbourne, FL 32904	Melbourne	Joanne Stewart	jstewart@coastalmechanical.com	321.392.4399	FL
118 Collis Roofing, Inc.					Roofing	485 Commerce Way	Longwood	Wallace Fulton	wfulton@collisroofing.com	321-441-2300	FL
119 Comfort Aircon, Inc.					HVAC	2730 Treymore Drive	Orlando	Paula Patel	paula@comfortaircon.com	407.306.0906	FL
120 Comfort House, Inc.					Temporary Toilets	2450 Titan Row, Orlando, FL 32809	Orlando	Becky Thomas	becky@comforthouse.com	407.647.2002	FL
121 Comfort Systems USA, Inc.					Mechanical	799 Bennett Dr.	Longwood	Manny Toro	mannyt@sigoldmanco.com		FL
122 Commercial Fabricators, Inc.	✓		✓		Misc Metals	2045 Industrial Drive, Newton, NC, 28658	Newton	Bryan Oxentine	boxentine@comffab.com	828-465-1010	NC
123 Commercial Millworks, Inc.					Millwork	1123 S. Hughey Ave., Suite A, Orlando, FL 32806	Orlando	Gayle King	gayle@commercialmillworksinc.com	407.648.2787	FL
124 Commercial Systems Group, Inc.					Fire Alarm	151 Semoran Commerce Pl. Ste. C, Apopka, FL 32703	Apopka	Dino DeRose	dinderose@comsysgroup.com	407.814.0225	FL
125 Communications Service Co. of Daytona, Inc. d/b/a Radio One					Jobsite Radios	7041 Grand National Dr., Suite 116, Orlando, FL 32819	Orlando	Greg Parker	greg@crastaffing.com	407.352.9242	FL
126 Competitive Edge Partners & Consulting, LLC			✓		Work Force Badging, Labor	3515 McCormick Woods Dr., Ocoee, FL 34761	Ocoee	Patti Gibson	diane@crastaffing.com	321.228.6166	FL
127 Comprehensive Energy Services, Inc.					HVAC/Mech Louvers	777 Bennett Dr., Longwood, FL 32750	Longwood	Todd Morgan	estimating@cesmechanical.com	407.682.1313	FL
127 Comprehensive Energy Services, Inc.					Plumbing/HVAC	777 Bennett Dr., Longwood, FL 32750	Longwood	Todd Morgan	estimating@cesmechanical.com	407.682.1313	FL
128 Condor Construction Group					Site Work	1800 Pembroke Dr., Suite 313	Orlando	Luis Pinzon	luis.pinzon@condorcorp.com	321.377.7610	FL
129 Construction Recruiters America Staffing, Inc.			✓		Work Force Badging	5220 S. University Dr., Suite C208, Davie, FL 33328	Davie	Diane Dalman	diane@conra.com	520.270.9923	FL
130 Construction Specialty Services, Inc.			✓		Painting	1530 Celebration Blvd., Suite 403	Celebration	Elba Keitt	elba@cssiff.com	321.939.1464	FL
131 ConTech Construction, LLC	✓				Concrete	700 W. Plant Street	Winter Garden	Alan Haughey	alan@contechteam.com	407.905.8006	FL
132 ConTech of Puerto Rico, Inc.					Terrazzo Flooring	P.O. BOX 19270	Santurce	Franco Ferraiuoli	franco@intertradecaribe.com	787-722-1020	PR
133 Conti Corporation					Electrical	6417 Center Drive	Sterling Heights	Thomas Landa	Tlanda@conticorporation.com		MI
134 Control Engineering Group	✓				Automated Control Devices	175 Semoran Commerce Pl.	Apopka	Sandy Lance	sandy@control-eng.com	407.889.2432	FL
135 Cook & Boardman, LLC					Doors, Frames, Hardware	3916 Westpoint Blvd.	Winston-Salem	Joseph White	jwhite@cookandboardman.com	336.769.7902	NC
136 Copeland Architectural Millwork Cabinets					Acoustical & Metal Ceilings	5836 Industrial Cir	Bossier City	Michael Copeland	mikecopeland@bcgglobal.net	318-470-1723	LA
137 Copeland Architectural Systems					Acoustical & Metal Ceilings	3225 South MacDill Ave	Tampa	Stacey Gimson	sgimson@cas-corp.com	813-831-3344	FL
138 Cornerstone Construction Services, Inc.	✓				Structural Concrete (Columns/Walls/Stairs/SOD)	4205 Edgewater Dr., Orlando, FL 32804	Orlando	Amadita Stone	astone@ccsOrlando.com	407.299.3299	FL
139 Cox Fire Protection, Inc.					Fire Protection	7910 Professional Place	Tampa	Shane Rushlo	shane@coxfire.com	813-781-2807	FL
140 Crawford Tracey Group					Glazing/Curtainwall Systems & Skylights	3301 SW 13th Dr., Deerfield Beach, FL 33442	Deerfield Beach	Keira De Armas	keira@crawfordtracey.com	954.246.1890	FL
141 Creative Mailbox Designs d/b/a Creative Sign Designs, LLC					Signage	12801 Commodity Place, Tampa, FL 33626	Tampa	Luke	luke@creativesignsdesigns.com	407.466.5301	FL
142 Creative Management Technology, Inc.	✓	✓	✓		HVAC	5380 Hoffner Ave.	Orlando	Trox Austell	txaustell@cmftl.com	321.799.4022	FL
143 Creative Terrazzo Systems, Inc.					Terrazzo	3300 SW 3rd Ave. Ste. N, Ft. Lauderdale, FL 33315	Ft. Lauderdale	Dan Beaucage	dan@terrazzosystems.com	954.245.8990	FL
144 Creative Walls & Landscaping					Interior Landscapes Plants & Accessories	26714 Oak Shadow Ln	Mount Dora	Corey Warner	cwarner@creativewallsandlandscaping.com	352-383-7196	FL
145 Crisdell Group, Inc.					Earthworks	240 Ryan St., South Plainfield, NJ 07080	South Plainfield	Frank Crisola	frank@crisdell.com	908.561.7550	NJ
146 Crown Corr, Inc.					Curtainwall/Glazing	7100 W. 21st Avenue, Gary, IN 46406	Gary	Tyrone Tice	ttice@crowncorr.com	317.201.5750	IN
Crown Corr, Inc.					Interior Glazing	7100 W. 21st St. Gary, IN 46406	Gary	Tyrone Tice	ttice@crowncorr.com	317.201.5750	IN
Crown Corr, Inc.					Metal Roofing System	7100 W. 21st St. Gary, IN 46406	Gary	Tyrone Tice	ttice@crowncorr.com	317.201.5750	IN
147 Crown Roofing LLC					Roofing	4696 Elevation Way	Ft. Myers	Christopher Copeland	chris@crownrflg.com	855.276.9655	FL
148 Crowther Roofing and Sheet Metal of Florida, Inc.					Roofing	2543 Rockhill Rd.	Ft. Myers	John Highfill	bids@crowther.net	239.337.1300	FL
149 CT Windows, LLC d/b/a Architectural Aluminum Techniques	✓				Glazing/Curtainwall Systems & Skylights	9195 Boggy Creek Rd., Suite 1, Orlando, FL 32824	Orlando	Sunil Tarneja	starneja@aatctw.net	407.857.9237	FL
CT Windows, LLC d/b/a Architectural Aluminum Techniques	✓				Interior Glazing	9195 Boggy Creek Rd., Suite 1, Orlando, FL 32824	Orlando	Sunil Tarneja	starneja@aatctw.net	407.857.9236	FL
150 Cube Care Company	✓		✓		Roller Window Shades	6043 NW 167th St, Suite A-23	Hialeah	Susana Robledo	estimatingdept@cubeare.com	305-556-8700	FL
151 Cubix, Inc.					Carpeting	6450 Kingspointe Pkwy., Suite 10	Orlando	Travis Owens	travis@cubix-inc.com	407.928.1004	FL
152 Custom Welding by Law					Misc. Metals	1800 S Division Ave	Orlando	Dan Ohlhues	dan@weldingbylaw.com	407-843-0061	FL
153 D & A Building Services Inc.	✓				Cleaning	321 Georgia Ave.	Longwood	Rudy Perez	rperez@dabuildingservices.com	404.831.5388	FL
154 D&A Construction Group, Inc.	✓	✓	✓		Door Frames/Hardware	983 Explorer Cove, Altamonte Springs, FL 32701	Altamonte Springs	Heather McCandless	hmcandless@dacginc.com	407.960.4032	FL
D&A Construction Group, Inc.	✓	✓	✓		Drywall	983 Explorer Cove, Altamonte Springs, FL 32701	Altamonte Springs	Heather McCandless	hmcandless@dacginc.com	407.960.4032	FL
D&A Construction Group, Inc.	✓	✓	✓		Final Cleaning	981 Explorer Cove, Altamonte Springs, FL 32701	Altamonte Springs	Heather McCandless	hmcandless@dacginc.com	407.960.4030	FL
D&A Construction Group, Inc.	✓	✓	✓		Masonry	983 Explorer Cove, Altamonte Springs, FL 32701	Altamonte Springs	Heather McCandless	hmcandless@dacginc.com	407.960.4032	FL
D&A Construction Group, Inc.	✓	✓	✓		Office Cleaning	982 Explorer Cove, Altamonte Springs, FL 32701	Altamonte Springs	Heather McCandless	hmcandless@dacginc.com	407.960.4031	FL

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Previously PSC Approved

Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
D&A Construction Group, Inc.	✓	✓	✓		Paint/Special Coatings	983 Explorer Cove, Altamonte Springs, FL 32701	Altamonte Springs	Heather McCandless	hmcandless@dacginc.com	407.960.4032	FL
D&A Construction Group, Inc.	✓	✓	✓		Resilient Flooring/Carpet	983 Explorer Cove, Altamonte Springs, FL 32701	Altamonte Springs	Heather McCandless	hmcandless@dacginc.com	407.960.4032	FL
D&A Construction Group, Inc.	✓	✓	✓		Waterproofing/Joint Sealants/Foundation	983 Explorer Cove, Altamonte Springs, FL 32701	Altamonte Springs	Heather McCandless	hmcandless@dacginc.com	407.960.4032	FL
155 D10 Spec, Inc.					Specialties	921 Lexington Pkwy, #25	Apopka	Angela Highland	angela@division-ten.com	407.253.3449	FL
156 David Allen Tile Company Inc.					Ceramic Tile	150 Rush St., Raleigh, NC 27603	Raleigh	Ann Pope	apope@davidallen.com	919.821.7100	NC
David Allen Tile Company Inc.					Terrazzo	150 Rush St., Raleigh, NC 27603	Raleigh	Ann Pope	apope@davidallen.com	919.821.7100	NC
157 Decktight Roofing Services, Inc.					Roofing	6680 NW 17th Ave.	Fort Lauderdale	Richard Spreen	richard@decktight.com	954-970-8565	FL
158 Delta Fire Protection Systems, Inc.					Fire Protection	1916 Tucker Industrial Rd.	West Monroe	Greg Fullerton	greg@djps.com	318-325-7522	LA
159 Demetrius Shack's Painting Service, Inc.			✓		Paint/Special Coatings	11154 Losco Junction Dr. South, Jacksonville, FL 32257	Jacksonville	Sandra Shack	blessesshacks@comcast.net	904.710.7589	FL
160 Design Communications					Specialties	25 Drydock Avenue	Boston	Harvey Whiteway	hwhiteway@dclboston.com	617.542.9620	MA
161 Design Communications Ltd.					Signage / Specialties	10611 Satellite Blvd	Orlando	Jeff Eubinag	jeubinag@dclorlando.com	321-206-4449	FL
162 Designers West Interiors, Inc.	✓				Div10 Specialties/Toilet Accessories	6399 S. Orange Ave., Orlando, FL 32809	Orlando	Kristin Becker	kbeckerdw@aol.com	407.420.9021	FL
Designers West Interiors, Inc.	✓				Resilient Flooring/Carpet	6400 S. Orange Ave., Orlando, FL 32809	Orlando	Kristin Becker	kbeckerdw@aol.com	407.420.9022	FL
163 DG Investment Immediate Holdings 3 Inc d/b/a Convergent Tech. LLC					CCTV	8351 Parkline Blvd., Ste. 400, Orlando, FL 32809	Orlando	Richard Kuhn	richard.kuhn@convergent.com	407.595.7109	FL
DG Investment Immediate Holdings 3 Inc d/b/a Convergent Tech. LLC					Security	8351 Parkline Blvd., Ste. 400, Orlando, FL 32809	Orlando	Richard Kuhn	richard.kuhn@convergent.com	407.595.7109	FL
164 DH Pace Company, Inc.					Doors and Frames, Specialties	3839 St. Valentine Way	Orlando	Robert Rosser	robert.rosser@dhpace.com	407.563.3668	FL
165 Diebold Enterprise Security Systems, Inc.					Audio Visual	3 Westchester Plaza, Elmsford, NY 10523	Elmsford	Marco Agramonte	marco.agramonte@diebold.com	407.488.3302	NY
Diebold Enterprise Security Systems, Inc.					Electrical	3 Westchester Plaza, Elmsford, NY 10523	Elmsford	Marco Agramonte	marco.agramonte@diebold.com	407.488.3303	NY
Diebold Enterprise Security Systems, Inc.					Public Address	2 Westchester Plaza, Elmsford, NY 10523	Elmsford	Marco Agramonte	marco.agramonte@diebold.com	407.488.3302	NY
Diebold Enterprise Security Systems, Inc.					Security	3 Westchester Plaza, Elmsford, NY 10523	Elmsford	Marco Agramonte	marco.agramonte@diebold.com	407.488.3303	NY
166 Diversified Supply, Inc.	✓	✓	✓		HVAC/Mech Louvers	6923 Narcoossee Rd., Suite 609, Orlando, FL 32822	Orlando	George Urquiola	george@dsib2b.com	407.277.7000	FL
167 Division 7	✓				Fire Safing	3000 Old Canoe Creek Rd	St Cloud	Pedro Nunez	division07.65@gmail.com	321-228-4349	FL
168 Division 7	✓				Spray Fireproofing	2773 B M Montgomery St.	Birmingham	Tom Champagne	tom@d7con.com	205-803-1007	AL
169 Dixie Metal Products, Inc.					Structural Steel & Misc. Metals	442 Southwest 54th Court, Ocala, FL 34474	Ocala	Phillip	philip@schonorr@dixiemetals.com	352.873.2554	FL
170 Don Bell Signs LLC					Signage	365 Oak Pl	Port Orange	Craig Trover	ctrover@donbellsigns.com	386-547-6391	FL
171 Door Control Inc.					D/F/H	10330 Chedoak Ct.	Jacksonville	Michael Bradberry	mbradberry@doorcntrl.com	904-237-7941	FL
172 Doyle Dickerson Terrazzo, Inc.					Terrazzo	6914 Orr Rd., Charlotte, NC 28213	Charlotte	Anthony Sanders	anthony@doylepickersonterrazzo.com	704.921.4940	NC
173 Drapery Control Systems Inc. d/b/a Bramblers Windows & Walls					Div 10 Specialties/Toilet Accessories	1616 Northeast 205th Terrace, N. Miami Beach, FL 33179	Miami Beach	Lyle Brambier	lyle@brambliers.com	386.756.0101	FL
174 Dura Floor Inc. DBA Dura Bond Co.					Terrazzo Flooring	142 Northwest 29th Street	Miami	Arek Lesniewski	arek@duraflor.net	305-986-5274	FL
175 Dusoul Company, Inc. dba TSAV					Low Voltage	775 Barber St.	Athens	Pete Dugas	petedugas@tsav.com	706-613-8759	GA
176 Eagle 6 Technical Services, LLC		✓		✓	Low Voltage	3218 East Colonial Drive, Suite G	Orlando	John Burns	johnburns@eagle6usa.com	407.730.0331	FL
177 Earth Tech, LLC					Piles/Foundations	2620 Hunt Rd.	Land O Lakes	Dan Cox	dcoxe@earthtech.net	813.909.8000	FL
178 East Coast Metals, Inc.					Interior Wall Panels	625 Distribution Road	Triadelphia	Bob Nixon	rnixon@ecmsinc.net	304-909-4220	WV
179 Eastern Corporation					Interior Wall Panels	4274 Shackelford Road	Norcross	Brock West	brock@usaeastern.com	678-355-9010	GA
180 Eco Construction and Maintenance Management, LLC					Signage	39 Skyline Dr., Suite 1017	Lake Mary	Donna Barstow	donnab@ecogc.com	407.478.3258	FL
181 Eden Landscaping - Orlando					Interior Landscape Plants & Accessories	612 Eden Park Rd	Altamonte Springs	Jessica Nelson	jessica@edenlandscaping.com	407-274-5033	FL
182 Eden Site Development, Inc	✓		✓		Sitework	115 W Pine Ave.	Longwood	Stephanie Nutting	stephanie@edensitedevelopment.cc	407.265.1113	FL
183 EGM Services, Inc. (fka Ebony Glass)			✓		Glass/Glazing	4251 East Side Drive	Decatur	Craig Nelson	craig.nelson@egmatlanta.com	404.288.9521	GA
184 Eidolon Analytic Inc. DbA Unisource Sign Connection	✓		✓		Signage	5711 Halifax Ave Suite #1	Fort Myers	Crystal Schaefer	crystal@unisourcesigns.com	239.288.6951	FL
185 Electrical Services, Inc.					Electrical	7501 Currency Drive, Orlando, FL 32809	Orlando	Wood Brazill	wbrazill@electric-services.com	352.787.1322	FL
186 Electrocomp International Inc.	✓		✓		LED Lighting	214 Live Oaks Blvd., Casselberry, FL 32707	Casselberry	Maggie Patel		407.657.5757	FL
187 Electrosonic Inc.					Audio Visual	4501 Vineland Rd. Suite 105	Orlando	Phillip DiPaula	philip.dipaula@electrosonic.com	407.472.7583	FL
188 Elevated Design and Construction LLC	✓				General Contracting	8209 SW 1st Place	Gainesville	Michael Beard	michael@elevateddc.com	352-872-5994	FL
189 Elite Flooring, Inc.					Carpet & Resilient Flooring	5142 Ioanne Kearney Blvd	Norcross	Thomas Zvitz	tzvitz@elitefloor.com	949-648-1221	GA
190 Enclos Corp.					Glazing/Curtainwall Systems & Skylights	2770 Blue Water Road, Eagan, MN 55121	Eagan	Darijo Babic	d/b/babic@enclos.com	404.217.4742	MN
191 Energy Air, Inc.					HVAC/Mech Louvers	5401 Energy Air Ct., Orlando, FL 32810	Orlando	Heath Kerr	cmibids@energyair.com	407.886.3729	FL
192 ER Brownell & Associates, Inc.			✓		Survey and Layout	5W 27th Ave. #100, Miami, FL 33133	Miami	Angel Lopez		305.860.3866	FL
193 Erie Metal Specialties, Inc.					Waterproofing/Joint Sealants/Foundation	13311 Main Rd., Akron, NY 14001	Akron	Suzanne Phillips	sales@eriemtal.com	716.542.3991	NY
194 Evans Consoles Incorporated d/b/a Evans Airport Services					Access Flooring	1577 Spring Hill Rd., Suite 450, Vienna, VA 22182	Vienna	Adam Barringer	abarringer@evansonline.com	303.895.0006	VA
Evans Consoles Incorporated d/b/a Evans Airport Services					Millwork	1577 Spring Hill Rd., Suite 450, Vienna, VA 22182	Vienna	Adam Barringer	abarringer@evansonline.com	303.895.0006	VA
195 Exam Plus FL, Corp.			✓		Work Force Badging	1511 E. State Rd. 434, Suite 2001, Winter Springs, FL 32708	Winter Springs	Iose Batista		407.238.5336	FL
196 Exterior Walls Inc. (EWI)	✓		✓		Stucco	5558 Force Four Parkway	Orlando	Ivan Moreno	ivan@ewifl.com	407-854-7726	FL
197 F. L. Crane and Sons, Inc.					Gypsum/Finishes	508 South Spring Street	Fulton	Mike Herring	mheering@flcrane.com	662.862.2172	MS
198 FabArc Steel Supply, Inc.					Structural Steel & Misc. Metals	8910 Astronaut Blvd., Suite 304, Cape Canaveral, FL 32920	Cape Canaveral	Tom Adams	tom.adams@fabarc.com	256.241.1670	FL
199 Fabco Metal Products					Misc. Metals	1490 Frances Drive	Daytona Beach	Tom Emert	temert@cfl-rr.com	386-846-1951	FL
200 Fairborn Equipment Company, Inc.					Coiling Doors	PO Box 123 Upper, Sandusky, OH 43351	Sandusky	LouAnne Holman	holmanl@fairbonequipment.com	419.209.0760	OH
201 Fidelity Security Agency, LLC	✓	✓	✓		Security	1511 E. SR 434, Suite 2001, Winter Springs, FL 32708	Winter Springs	Michael Williams	mike@fsa-security.com	407.791.6113	FL
202 Fine Tune Enterprises, Inc.	✓	✓	✓		Final Cleaning	2526 JR Street, Orlando, FL 32839	Orlando	Elvis Diaz	finetunclean@hotmail.com	407.271.4088	FL
203 Finishing Systems of Florida, Inc.	✓	✓	✓		Paint/Special Coatings	160 Dog Track Road, Longwood, FL 32750	Longwood	Brenda	bsoper@finishingsystems.us	407.834.6280	FL
204 Fire Stop Systems, Inc					Fireproofing	410 N. Dillard St. #103, Winter Garden, FL	Winter Garden	Michael Pedone	michael@fireproofers.com	239.774.3343	FL
205 First American Steel Erectors	✓				Steel	194 S. 4th St.	Lake Mary	Kevin Duxtater	kevin@firstam.com	407.687.1528	FL
206 Fish Construction					Millwork & Countertops	9820 Cash Rd	Stafford	Adam Fish	adam.fish@fishconstruction.com	713-206-0227	TX
207 Fisk Electric Company					Electrical	10855 Westview Dr.	Houston	Wayne McDonald	wmcdonald@fiskcorp.com	713.868.6111	FL
208 Five Arrows, Inc. d/b/a Service Painting Corporation					Paint/Special Coatings	1423 W. Long Street, Orlando, FL 32805	Orlando	Todd Monroe	tmonroesp2@aol.com	407.872.7555	FL
209 Five T CO					Metal Panels & Column Covers	15 Paradise Plaza, Suite 200, Sarasota, FL 34239	Sarasota	Chasun Stevens	estimating@stco.com	941.371.7500	FL

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
Previously PSC Approved

Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
210 Florida Door Solutions Inc.					Coiling Doors	777 South Park Ave., Apopka, FL 32703	Apopka	Nicole May	nicolemay@fladdoor.com	407.884.5955	FL
211 Florida Epoxy Floors					Ceramic Tile & Stone		Miami		estimating@epoxyfloorsfl.com	407-705-3525	FL
212 Florida GC Solutions, Inc.	✓		✓		Division 9	4980 E 10th Ct.	Hialeah	Edwin Gaitan	edwin@gfcs.biz	305.687.9877	FL
213 Florida Geodynamics, Inc.			✓		Div10 Specialties/Toilet Accessories	6128 Old Pasco Road, Wesley Chapel, FL 33544	Wesley Chapel	Allison Willmeng	flgeo7@gmail.com	813.610.2236	FL
214 Florida Roofing Solutions, Inc.			✓		Metal Roofing System	4980 E. 10th Ct., Hialeah, FL 33013	Hialeah	Edwin Gaitan	edwin@frsi.biz	305.687.9877	FL
215 Florida Structural Steel & Construction, Inc.					Structural Steel & Misc. Metals	2710 E. 5th Ave., Tampa, FL 33605	Tampa	Kevin Sigl	ksigl@tti-fss.com	813.241.4261	FL
216 Funa International					Audio Visual	7680 Universal Blvd., Orlando, FL 32819	Orlando	Ken Kalish	k.kalish@funa.com	407.801.7978	FL
Funa International					Public Address	7680 Universal Blvd. Orlando, FL 32819	Orlando	Ken Kalish	k.kalish@funa.com	407.801.7978	FL
217 G&C Welding Specialist LLC	✓	✓	✓		Structural Steel & Misc. Metals	1417 Dolgner Place, Sanford, FL 32771	Sanford	Regina Cromer-Halls	regina.cromer-halls@gcweldingspecial	407.878.2723	FL
218 G. C. Zamas & Company, Inc.					Fireproofing, specialty coatings, paint	850 Jennings Street	Bethlehem	Dean Zarnas	deanzarnas@gcczarnas.com	610-866-0923	PA
219 G.R.A. Properties, LLC d/b/a Bay Janitorial Service					Final Cleaning	2595 Tampa Rd. Suite O, Palm Harbor, FL 34684	Palm Harbor	Brittany Mazurek	brittany@bayjanservice.com	727.781.9231	FL
220 Gable Signs & Graphics, Inc.					Signage	7440 Fort Smallwood Rd., Baltimore, MD 21226	Baltimore	David Chapman	david_chapman@gablesigns.com	410.255.6400	MD
221 Garrard Framing & Drywall, Inc			✓		Acoustical Ceilings	5578 Commercial Blvd., Winter Haven, FL 33880	Winter Haven	Julie Garrard	julieg@garrardinc.com	863.967.3992	FL
Garrard Framing & Drywall, Inc			✓		Door Frames/Hardware	5578 Commercial Blvd., Winter Haven, FL 33880	Winter Haven	Julie Garrard	julieg@garrardinc.com	863.967.3992	FL
Garrard Framing & Drywall, Inc			✓		Resilient Flooring/Carpet	5578 Commercial Blvd., Winter Haven, FL 33880	Winter Haven	Julie Garrard	julieg@garrardinc.com	863.967.3992	FL
222 Gate Precast Company					Architectural Precast	810 Sawdust Trail, Kissimmee, FL 34744	Kissimmee	Brian Griffin	bgriffis@gateprecast.com	904.813.6524	FL
Gate Precast Company					Precast Platforms	811 Sawdust Trail, Kissimmee, FL 34744	Kissimmee	Brian Griffin	bgriffis@gateprecast.com	904.813.6524	FL
223 Gaylor					Electrical	420 20th Street North Suite 2200	Birmingham	Vance Fulkerson	vfulkerson@gaylor.com	205.994.5466	AL
224 GCJ Construction Inc.	✓	✓	✓		General Contractors	4623 Bridgeton Lane	Orlando	Johan Hernandez	johan@gcjconstruction.com	321.689.5208	FL
225 GEM Industries Inc.	✓	✓			Misc Metals	370 Cox Rd	Cocoa	Will Ratliff	bid@gemindustriesincorporated.com	321.631.3977	FL
226 General Caulking and Coatings Co., Inc.					Waterproofing / Caulking / Stucco	101 NW 176 Street	Miami	Todd Ranistras	todd@generalcaulking.com	407-718-4997	FL
227 Genesis VII, Inc.					General Contractor	1605 White Dr., Titusville, FL 32780	Titusville	Robert Jordan		321.383.4813	FL
228 George's Welding Services, Inc.			✓		Steel	11400 Northwest 134th St.	Miami	Luz Amador	lamador@georgeswelding.com	305.822.2445	FL
229 Geotechnical Foundation Systems, Inc.					Precast Driven Piles & Earthwork	8008 Apopka Blvd., Apopka, FL 32703	Apopka	Phil	kstenberg@mtac.com	407.644.6000	FL
230 GFA International					Testing & Inspections	1215 Wallace Dr.	Delray Beach	Travis Merrick	tmerrick@teamgfa.com	239.489.2443	FL
231 GJP Enterprises, Inc. d/b/a American Decorative Ceilings					Acoustical Ceilings	4510 E 71st St. #5, Cleveland, OH 44105	Cleveland	Joseph Conte	jconte@am-dec.com	216.341.2222	FL
232 Glenco Industries LLC dba Glenco Industries					Millwork, Countertops, Metal Panels	6515 Anno Ave.	Orlando	Chuck Read	chuck@glencoindustries.com	407.888.0651	FL
233 Glenn Reider, Inc.					Millwork & Countertops	3420 W. Catport Dr	Milwaukee	Dan Carey	dan.carey@glenreider.com	414-617-2352	WI
234 Glidepath LLC d/b/a Beumer Glidepath					Baggage Handling	2241 S. Watson Rd., Ste 151, Arlington, TX 76010	Arlington	John Gude	john.gude@beumergroup.com	682.248.3700	TX
235 Global One Networks, LLC	✓	✓	✓		Communications	526 Cocoa Lane	Orlando	Valerie Mundy	valerie@global1netowrks.com	407.312.3199	FL
236 Globiser Inc.					Final Cleaning	455 Randon Terrace, Lake Mary, FL 32746	Lake Mary	Catalina Hoyes-Nipe	cnipe@globiser.com	407.341.7651	FL
237 GLOMACO	✓				Security	37 N. Orange Ave.	Orlando	Carlos Bajana Jr.	cbajanajr@glomaco.us	407.501.6360	FL
238 GM&P Consulting and Glazing Contractors Inc					Curtainwall	3550 NW 49th Street	Miami	Giovanni Monti	gm@gmpglazing.com	305.216.9138	FL
239 GMF Construction, LLC					Structural Steel & Ornamental Metals	4600 Drane Field Rd.	Lakeland	Jason Hall	jason.hall@gmfsteel.com	863-577-0210	FL
240 Gomez Construction	✓				General Contractor	750 Jackson Ave	Winter Park	Dawn Moss	dmos@gomezconstruction.com	407-628-4353	FL
241 Goodman Decorating Co., Inc.					Painting	3400 Atlanta Industrial Parkway Northwest	Atlanta	Richard Diamond	rad@thinkgoodman.com	404-965-2538	GA
242 Graciarl's Service, Inc. d/b/a G.S. Construction & Management Solutions	✓	✓	✓		Ceramic Tile	537 Loyola Circle #29104, Orlando, FL 32828	Orlando	Graciliana Estrada	graciarl@aol.com	407.446.5477	FL
Graciarl's Service, Inc. d/b/a G.S. Construction & Management Solutions	✓	✓	✓		Concrete Flatwork (SOG, Sidewalks, Misc Pads, C&G)	537 Loyola Circle, #29104 Orlando, FL 32828	Orlando	Graciliana Estrada	graciarl@aol.com	407.446.5477	FL
Graciarl's Service, Inc. d/b/a G.S. Construction & Management Solutions	✓	✓	✓		Door Frames/Hardware	537 Loyola Circle, #29104 Orlando, FL 32828	Orlando	Graciliana Estrada	graciarl@aol.com	407.446.5477	FL
Graciarl's Service, Inc. d/b/a G.S. Construction & Management Solutions	✓	✓	✓		Drywall	536 Loyola Circle, #29104 Orlando, FL 32828	Orlando	Graciliana Estrada	graciarl@aol.com	407.446.5476	FL
Graciarl's Service, Inc. d/b/a G.S. Construction & Management Solutions	✓	✓	✓		Final Cleaning	535 Loyola Circle, #29104 Orlando, FL 32828	Orlando	Graciliana Estrada	graciarl@aol.com	407.446.5475	FL
Graciarl's Service, Inc. d/b/a G.S. Construction & Management Solutions	✓	✓	✓		Masonry	537 Loyola Circle, #29104 Orlando, FL 32828	Orlando	Graciliana Estrada	graciarl@aol.com	407.446.5477	FL
Graciarl's Service, Inc. d/b/a G.S. Construction & Management Solutions	✓	✓	✓		Office Cleaning	536 Loyola Circle, #29104 Orlando, FL 32828	Orlando	Graciliana Estrada	graciarl@aol.com	407.446.5476	FL
Graciarl's Service, Inc. d/b/a G.S. Construction & Management Solutions	✓	✓	✓		Paint/Special Coatings	538 Loyola Circle, #29104 Orlando, FL 32828	Orlando	Graciliana Estrada	graciarl@aol.com	407.446.5478	FL
Graciarl's Service, Inc. d/b/a G.S. Construction & Management Solutions	✓	✓	✓		Waterproofing/Joint Sealants/Foundation Waterproofing	536 Loyola Circle, #29104 Orlando, FL 32828	Orlando	Graciliana Estrada	graciarl@aol.com	407.446.5476	FL
243 Granite Construction Company					Civil	585 West Beach Street	Santa Cruz	Mike Hedding	mike.hedding@gcinc.com	760-444-1993	CA
244 Greene Street Communications, LLC	✓				Signage	100 Luna Park Drive #219	Alexandria	Shana Kemp	shana@gstreetgroup.com	240.338.7056	VA
245 Greenery Productions, Inc.	✓				Interior Foliage Plant Sales	1751 Directors Row	Orlando	Linda Grier	lgrier@greeneryproductions.com	407-363-9151	FL
Greenery Productions, Inc.	✓				Rental	1751 Directors Row	Orlando	Linda Grier	lgrier@greeneryproductions.com	407-363-9151	FL
Greenery Productions, Inc.	✓				Maintenance	1751 Directors Row	Orlando	Linda Grier	lgrier@greeneryproductions.com	407-363-9151	FL
Greenery Productions, Inc.	✓				Exterior Landscaping	1751 Directors Row	Orlando	Linda Grier	lgrier@greeneryproductions.com	407-363-9151	FL
246 Greenway Electrical Services, LLC					Electrical	2718 Pemberton Dr., Apopka, FL 32703	Apopka	Curtis Duffield	cduffield@greenwayelectsve.com	407.532.2778	FL
247 Greer Tile Company					Ceramic Tile	3020 Eunice Ave., Orlando, FL 32808	Orlando	Gaya Venugopal	gaya@greertile.com	407.296.4599	FL
Greer Tile Company					Resinous Flooring	3020 Eunice Ave., Orlando, FL 32808	Orlando	Gaya Venugopal	gaya@greertile.com	407.296.4600	FL
248 Grunau Company					Fire Protection	11300 Space Blvd.	Oak Creek	Army Lendian	armando.lendian@grunau.us	407-857-1800	WI
249 Guernsey Architectural Solutions Inc.					Metal Panels	1701 Airport Terminal Dr. #100 Suite 100-A-1	DeLand	Joshua Gray	joshua@guernseyarch.com	386-734-5573	FL
250 Gulf Mechanical Contractors, LLC					HVAC/Mech Louvers	31643 Executive Blvd., Leesburg, FL 34748	Leesburg	Thomas Sherman	tsherman@gulfmc.net	352.460.4176	FL
Gulf Mechanical Contractors, LLC					Plumbing/HVAC	31643 Executive Blvd., Leesburg, FL 34748	Leesburg	Thomas Sherman	tsherman@gulfmc.net	352.460.4176	FL
251 H.L. Pruitt Corp.					Electrical	501 Wade St., Winter Springs, FL 32708	Winter Springs	Frank Pruitt	fankpruitt@gmail.com	407.327.3848	FL
252 H3 CompuVision Inc.	✓		✓		Technology Support	15279 Harrowgate Way, Winter Garden, FL 34787	Winter Garden	James Hurst III		407.694.6642	FL
253 Harmon, Inc.					Glazing/Curtainwall Systems & Skylights	1933 W. New Hampshire St., Orlando, FL 32804	Orlando	Frank D'Aprile	fdaprile@harmoninc.com	407.522.3007	FL
Harmon, Inc.					Interior Glazing	1933 W. New Hampshire St., Orlando, FL 32804	Orlando	Frank D'Aprile	fdaprile@harmoninc.com	407.522.3007	FL
254 Harper Limbach LLC					HVAC/Mech Louvers	940 Williston Park Point, Lake Mary, FL 32746	Lake Mary	Michelle Barnett	michelle.barnett@harperlimbach.com	813.207.0057	FL
Harper Limbach LLC					Plumbing/HVAC	941 Williston Park Point, Lake Mary, FL 32746	Lake Mary	Michelle Barnett	michelle.barnett@harperlimbach.com	813.207.0057	FL
255 Harris Ventures Inc. d/b/a Staff Zone					Work Force Badging	2650 Holcomb Bridge Rd., Suite 630, Alpharetta, GA 30022	Alpharetta	Costa DeLuca	jarrett@hirequestllc.com	770.645.6134	GA

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
Previously PSC Approved

	Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
256	Hartford South, LLC					Metal Roofing System	7326 S. Orange Ave., Orlando, FL 32809	Orlando	Jay Rintelmann	jay@hartfordsouth.com	407.857.9392	FL
	Hartford South, LLC					Mod. Bit. Roofing	7326 S. Orange Ave., Orlando, FL 32809	Orlando	Jay Rintelmann	jay@hartfordsouth.com	407.857.9392	FL
257	Harty Tractor Services, Inc.					Earthworks	924 E. Rhode Island Ave., Orange City, FL 32763	Orange City	Thaine Harty	thaine@hartytractor.com	386.775.1005	FL
	Harty Tractor Services, Inc.					Abutments & MSE Walls	924 E. Rhode Island Ave., Orange City, FL 32763	Orange City	Thaine Harty	thaine@hartytractor.com	386.775.1005	FL
	Harty Tractor Services, Inc.					Access Roads/Storage Yards	924 E. Rhode Island Ave., Orange City, FL 32763	Orange City	Thaine Harty	thaine@hartytractor.com	386.775.1005	FL
258	Heavenly Hearts Cleaning Services, Inc.	✓	✓			Office Cleaning	173 Dahlia Village Cir., Orlando, FL 32807	Orlando	Regina	info@heavenlyheartscleaning.com	407.399.9729	FL
259	Heron Electric, Inc.	✓	✓			Electrical	4708 W. Concord Ave., Orlando, FL 32808	Orlando	Derrick Heron	derrick@heronelectric.com	407.296.2550	FL
260	Hile's Curtain Specialties, Inc.					Roller Window Shades	2701 Success Dr	Odessa	Charles Hile	charlie@hilecurtains.com	727.753.0600	FL
261	Hire Quest, L.L.C. d/b/a Trojan Labor					Work Force Badging	4561 Great Oak Dr., Charleston, SC 29418	Charleston	Jarrett Lindon	Orlando@allteamstaffing.com	843.723.7400	SC
262	Hirschfeld Steel Group LP					Structural Steel	1901 Gateway Drive, Suite 260	Irving	Shannon Whalen	shannon.whelan@hirschfeld.com	325.486.4781	TX
263	HJ Foundation Company					Auger Cast Piles	8275 NW 80th St., Miami, FL 33166	Miami				FL
264	HMB Enterprises LLC	✓	✓	✓		Low Voltage	5401 S. Kirkman Rd. Suite 310	Orlando	Harry Bailey	hbailey@hmbenterprises.net	678.887.7670	FL
265	HMB Steel Corporation	✓				Structural Steel & Misc. Metals	4080 Pines Industrial Ave., Rockledge, FL 32955	Rockledge	Forrest Brewton	fbrewton@hmbsteel.com	321.636.6511	FL
266	Hollywood Woodwork, INC.					Millwork & Countertops	2951 Pembroke Road	Hollywood	Bob Hacker	bobh@hwi-mail.com	954-266-5411	FL
267	Home From Rome, Inc.					Decorative Handrails	1024 W Pine St	Orlando	Maureen McQuillan	maureen@homefromrome.com	407-234-0120	FL
	Homes Masonry, Inc. d/b/a Toltec Construction	✓	✓	✓		Concrete Flatwork (SOG, Sidewalks, Misc Pads, C&G)	334 E. Bay St., Winter Garden, FL 34787	Winter Garden	Yasmin Jaimes	yasmin@tolteconstruction.com	407.654.2648	FL
	Homes Masonry, Inc. d/b/a Toltec Construction	✓	✓	✓		Masonry	334 E. Bay St., Winter Garden, FL 34787	Winter Garden	Yasmin Jaimes	yasmin@tolteconstruction.com	407.654.2648	FL
269	Honeywell					Low Voltage	5 Dakota Drive	Lake Success	David Ortiz	david.ortiz@honeywell.com	518.248.9226	NY
270	Horizon Surface Systems					Terrazzo Flooring	310 Scarlet Blvd	Oldsmar	Dan Carnegie	dcarnegie@horizonsurfacesystems.com	813-854-3231	FL
271	Hubbard Construction Company					Earthworks	1936 Lee Road, Winter Park, FL 32789	Winter Park	Frederick O'Dea Jr.	fred.odea@hubbard.com	407.645.5500	FL
	Hubbard Construction Company					Abutments & MSE Walls	1936 Lee Road, Winter Park, FL 32789	Winter Park	Frederick O'Dea Jr.	fred.odea@hubbard.com	407.645.5500	FL
	Hubbard Construction Company					Access Roads/Storage Yards	1936 Lee Road, Winter Park, FL 32789	Winter Park	Frederick O'Dea Jr.	fred.odea@hubbard.com	407.645.5500	FL
	Hubbard Construction Company					Asphalt Pavement & Markings	1936 Lee Road, Winter Park, FL 32789	Winter Park	Frederick O'Dea Jr.	fred.odea@hubbard.com	407.645.5500	FL
272	Hymon's Property Maintenance Inc.	✓		✓		Paint/Special Coatings	122 S. Shadow Bay Dr., Orlando, FL 32825	Orlando	Patricia Hymon	jhym1953@gmail.com	407.247.5661	FL
273	Hypower Inc.					Electrical	5913 NW 31st Avenue	Ft. Lauderdale	John Zoerhof	jzoerhof@hypowerinc.com	954-978-9300	FL
274	I.B. Glazing Incorporated d/b/a International Blowe Glazing	✓		✓		Interior Glazing	2182 NW 18th Ave., Ste. 10, Pompano Beach, FL 33069	Pompano Beach	Anthony Blowe	anthony@ibglazing.com	954.979.8999	FL
275	I.T. Consortium, Inc.					Telecom	11701 Orpington St., Suite A, Orlando, FL 32817	Orlando	Jeffrey Strobach	jstrobach@itconsortium.net	407.439.2530	FL
276	Industrial Steel, Inc.					Structural Steel & Misc. Metals	3561 Industrial Rd., Titusville, FL 32796	Titusville	Gary Hood	sales@industrial-steel.com	321.267.2341	FL
277	Innovative Shading, Inc.	✓				Roller Window Shades	1070 Shadick Dr, UNIT N	Orange City	Peter Rosario	peter@innovativeshading.com	386-216-7958	FL
278	Integrated Door Systems, Inc.					Door Frames/Hardware	1602 E. Alsobrook St., Plant City, FL 33563	Plant City	Emilio Bendever	ebendever@integrateddoor.com	813.759.4300	FL
279	Interior Logic Group / Interior Specialists, Inc.					Specialties	1000 Northbrook Pkwy	Suwanee	Kevin Vogel	kvogel@isidc.com	303-883-2101	FL
280	Interior Specialties, INC.					Roller Window Shades	947 Josiane Court	Altamonte Springs	Dave Riley	driley@windowinteriors.com	407-496-6031	FL
281	International Flooring, Inc.					Resilient Flooring/Carpet	2825 Mercy Dr., Orlando, FL 32808	Orlando	Joey Perez	jperez@intflooring.com	407.296.7464	FL
	International Flooring, Inc.					Resinous Flooring	2825 Mercy Dr., Orlando, FL 32808	Orlando	Joey Perez	jperez@intflooring.com	407.296.7465	FL
	International Flooring, Inc.					Terrazzo	2825 Mercy Dr., Orlando, FL 32808	Orlando	Joey Perez	jperez@intflooring.com	407.296.7465	FL
282	Interstate Painting					Painting	7200 Monetary Dr	Orlando	Mani Rezaei	manin@interstatetf.com	407-601-4985	FL
283	Ion Electric					Electrical	2001 N. Andrews Ave.	Pompano	Sunil Amin	samin@ionelectricllc.com	954-434-7432	FL
284	Irvine Access Floors, Inc.					Access Flooring	2150 Premier Row	Orlando	Trellis Calhoun	tcalhoun@irvineaccessfloors.com	407-851-7479	FL
285	ISEC, Incorporated					Millwork	5907 Breckenridge Parkway, Suite C, Tampa, FL 33610	Tampa	Calder Sagen	cpsagen@isecinc.com	813.422.5099	FL
	ISEC, Incorporated					Resilient Flooring/Carpet	5908 Breckenridge Parkway, Suite C Tampa, FL 33610	Tampa	Calder Sagen	cpsagen@isecinc.com	813.422.5100	FL
	ISEC, Incorporated					Structural Steel & Misc. Metals	5909 Breckenridge Parkway, Suite C Tampa, FL 33610	Tampa	Calder Sagen	cpsagen@isecinc.com	813.422.5100	FL
286	Ivey Mechanical Company, LLC					HVAC	134 W. Washington Street	Kosciusko	Denny Terrell	denny.terrell@ivymechanical.com	662.289.3713	MS
287	J P and Concepts, Co.			✓		Structural Steel & Misc. Metals	9060 Paseo De Valencia St., Fort Myers, FL 33908	Ft. Myers	JoAnn Forance	jforance@jpcorr.com	239.437.3108	FL
288	J. Herbert Corporation	✓				Equipment Cranes	1751 S John Young Pkwy	Kissimmee	John Selbach	j.selbach@herbertcorp.com	407-973-6842	FL
289	J.B. Matthews					Overhead Doors	2459 Clark St	Apopka	Paul Hunt	phunt@jbmattthews.com	407-948-5357	FL
290	Jacob Erecting & Construction, LLC					Concrete Foundations & Earthwork	33409	West Palm Beach	Don Perry	dperry@jacobcompanies.com	561.741.1818	FL
	Jacob Erecting & Construction, LLC					Masonry	1509 N. Military Trail, Suite 200, West Palm Beach, FL 33409	West Palm Beach	Don Perry	dperry@jacobcompanies.com	561.741.1818	FL
291	Jamestown Painting & Decorating, Inc.					Painting	10060 Bavaria Rd	Fort Myers	Chris Beatson	cbeatson@jamestownpainting.com	239-482-4647	FL
292	JBS Engineering Technical Services, Inc.					Construction Engineering Inspection	15 Windsorme Way, Ste. 200, Oviedo, FL 32765	Oviedo	Angie Kolin	407.359.6437	FL	
293	JCB Construction, Inc.	✓		✓		Earthworks	800 W. Gore St., Orlando, FL 32805	Orlando	Gratten White	gwhite@jcbcon.net	407.425.9880	FL
	JCB Construction, Inc.	✓		✓		Access Roads/Storage Yards	801 W. Gore St., Orlando FL 32805	Orlando	Gratten White	gwhite@jcbcon.net	407.425.9880	FL
	JCB Construction, Inc.	✓		✓		Asphalt Pavement & Markings	802 W. Gore St., Orlando FL 32805	Orlando	Gratten White	gwhite@jcbcon.net	407.425.9880	FL
294	Jervis B. Webb Company					Baggage Handling	34375 W. Twelve Mile Rd., Farmington Hills, MI 48331	Farmington Hills	Christopher Lutz	clutz@jerviswebb.com	248-553-6930	MI
295	JJAG Group Inc. d/b/a All Team Staffing					Work Force Badging	6401 S. Kirkman #326, Orlando, FL 32819	Orlando	Dave Lieberman	dave.lieberman@jjag.com	855.857.2740	FL
296	John B. Webb & Associates, Inc.	✓		✓		Survey and Layout	925 S. Denning Dr. #3, Winter Park, FL 32789	Winter Park	Jacqueline Webb	jacqueline@jbb.com	407.622.9322	FL
297	Johnson Controls, Inc (JCI)					Audio Visual	41 Skyline Dr. #1025, Lake Mary, FL 32746	Lake Mary	Bryan Mehaffey	bryan.mehaffey@jci.com	239.272.0198	FL
	Johnson Controls, Inc (JCI)					HVAC/Mech Louvers	42 Skyline Dr. #1025, Lake Mary, FL 32746	Lake Mary	Bryan Mehaffey	bryan.mehaffey@jci.com	239.272.0199	FL
	Johnson Controls, Inc (JCI)					Public Address	43 Skyline Dr. #1025, Lake Mary, FL 32746	Lake Mary	Bryan Mehaffey	bryan.mehaffey@jci.com	239.272.0198	FL
298	Johnson-Lancaster and Associates, Inc.					Food Service Equipment	13031 US HWY 19 N., Clearwater, FL 33764	Clearwater	Denise Wilson	dwilson@johnson-lancaster.com	727.796.5622	FL
	Johnson-Laux Construction, LLC	✓		✓		Concrete Flatwork (SOG, Sidewalks, Misc Pads, C&G)	8100 Chancellor Dr. #165, Orlando, FL 32809	Orlando	Kevin Johnson	kevin@johnson-laux.com	407.770.2180	FL
	Johnson-Laux Construction, LLC	✓		✓		Masonry	8101 Chancellor Dr. #165, Orlando, FL 32809	Orlando	Kevin Johnson	kevin@johnson-laux.com	407.770.2180	FL
	Johnson-Laux Construction, LLC	✓		✓		Precast Platforms	8102 Chancellor Dr. #165, Orlando, FL 32809	Orlando	Kevin Johnson	kevin@johnson-laux.com	407.770.2180	FL
	Johnson-Laux Construction, LLC	✓		✓		Signage	8103 Chancellor Dr. #165, Orlando, FL 32809	Orlando	Kevin Johnson	kevin@johnson-laux.com	407.770.2179	FL
300	Jones Sign Co., Inc.					Signage	1711 Scheuring Rd., De Pere, WI 54115	De Pere	Larry Newton	lnewton@jonessign.com	480.266.0011	WI
301	Jr. Davis Construction Company, Inc.					Earthworks	210 S. Hoagland Blvd., Kissimmee, FL 34741	Kissimmee	Kristy Kelley	kkelley@jr-davis.com	407.870.0066	FL
	Jr. Davis Construction Company, Inc.					Access Roads/Storage Yards	211 S. Hoagland Blvd., Kissimmee, FL 34741	Kissimmee	Kristy Kelley	kkelley@jr-davis.com	407.870.0066	FL

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
Previously PSC Approved

	Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
302	JSC Systems, Inc. d/b/a Jacksonville Sound & Communication					Audio Visual	1985 Corporate Square, Longwood, FL 32750	Longwood	Mickey Rudd	m.rudd@jscsystems.net	407.332.1985	FL
	JSC Systems, Inc. d/b/a Jacksonville Sound & Communication					CCTV	1985 Corporate Square, Longwood, FL 32750	Longwood	Mickey Rudd	m.rudd@jscsystems.net	407.332.1985	FL
	JSC Systems, Inc. d/b/a Jacksonville Sound & Communication					Fire Alarm	1985 Corporate Square, Longwood, FL 32750	Longwood	Mickey Rudd	m.rudd@jscsystems.net	407.332.1985	FL
303	Julina Management Services, LLC d/b/a Handymen for All					Ceramic Tile	2710 Alt 19 N. Ste. 301 #122, Palm Harbor, FL 34683	Palm Harbor	Julie Daniels	fixitfast@handymenforall.com	727.489.5900	FL
	Julina Management Services, LLC d/b/a Handymen for All					Drywall	2710 Alt 19 N. Ste. 301 #122, Palm Harbor, FL 34683	Palm Harbor	Julie Daniels	fixitfast@handymenforall.com	727.489.5900	FL
304	JWP Iron and Fence, LLC	✓		✓		Structural Steel & Misc. Metals	629 Carpenter Road, Orlando, FL 32833	Orlando	Joseph Padre	jwpironandfence@gmail.com	407.625.4934	FL
305	Kaba ADS Americas					Exit Lane Breach Control	7101 Presidents Dr, Suite 250	Orlando	Bill Seibert	bill.seibert@dormakaba.com	704.774.7368	FL
306	Kadee Industries, Inc.					Entrance Floor Grilles	7160 Krick Rd	Cleveland	Marie Behra	mbehra@kadeeindustries.com	800-321-3827 x30	OH
307	Kalkreuth Roofing and Sheet Metal, Inc.					Roofing & Metal Panels	53 14th Street, Suite 100	Wheeling	Jim Brinsky	jbrinsky@krsm.net	304.281.2277	WV
308	Kane Innovations, Inc.					Railings	2250 Powell Ave.	Erie	Jim Roman	jimiroman@aol.com	813.215.1332	PA
309	Kansas City Structural Steel					Misc Metals	3801 Raytown Road, Kansas City, MO.64129	Kansas City	Tab White	tab.white@kcstructural.com	816-924-0977	MO
	Kansas City Structural Steel					Ornamental Metals	3801 Raytown Road, Kansas City, MO.64129	Kansas City	Tab White	tab.white@kcstructural.com	816-924-0977	MO
310	Kaye Acoustics					Acoustical & Metal Ceilings	6649 Amory Court	Winter Park	Darren Kaye	darren@kayeaoustics.com	407-679-1499	FL
311	KBI Staffing Solutions LLC	✓	✓	✓		Staffing	4201 Stonebrook Dr.	Sanford	Kenneth Hughes	k.hughes@kbstaffingsolutions.com	786.387.7532	FL
312	Keanes Custom Cabinets					Millwork & Countertops	98 SE 7th St	Deerfield Beach	Walter Villegas	wvillegas@kccdesigns.com	561-699-8388	FL
313	Keenan Hopkins Schmidt and Stowell Contractors, Inc. d/b/a KHS&S Contractors					Drywall	4390 35th St., Orlando, FL 32811	Orlando	Neal Harris	neal.harris@khs.com	407.425.5500	FL
314	Kenpat (Central Florida), LLC					Drywall	516 Cooper Commerce Dr., Apopka, FL 32703	Apopka	Phil Klote	pklote@kenpat.com	407.464.7070	FL
	Kenpat (Central Florida), LLC					Rolling Plains, Alpha, Fire Stop Systems	516 Cooper Commerce Dr., Apopka, FL 32703	Apopka	Phil Klote	pklote@kenpat.com	407.464.7070	FL
315	Kiewit /Turner Self Perform					Earthwork/Exterior Improvements/Utilities	135 W. Central Blvd., Suite 950, Orlando FL	Orlando	Nick Sosa	Nick.sosa@kiewit.com	954.835.2228	FL
316	Kiewit Infrastructure South Co.					Earthwork/Exterior Improvements/Utilities	1580 Sawgrass Corporate Parkway	Sunrise	Nick Sosa	Nick.sosa@kiewit.com	954.835.2228	FL
317	Kinetic Multimedia Systems					Telecom	6750 N. Andrews Ave., Suite 200, Ft. Lauderdale, FL 33309	Ft. Lauderdale	Jaya Milam	jmilam@kineticmultimedia.com	954.370.0566	FL
318	King Intelligence and Security Services, Inc.	✓				Security	545 Northeast 125 Street	North Miami	Kaola King	kaola@kingintellsec.com	954.624.2040	FL
319	Kirlin Florida, LLC					HVAC/Mech Louvers	3102 Cherry Palm Dr. #140, Tampa FL	Tampa	John Buhler	jbuhler@jklk.com	954.739.8100	FL
	Kirlin Florida, LLC					Plumbing/HVAC	3103 Cherry Palm Dr. #140, Tampa FL	Tampa	John Buhler	jbuhler@jklk.com	954.739.8100	FL
320	Kistler-McDougall Corp.					Interior Glazing	310 Creekstone Ridge, Woodstock GA 30188	Woodstock	Angie Monroe	angie@kmcorguse.com	770.928.3830	GA
	Kistler-McDougall Corp.					Metal Panels & Column Covers	311 Creekstone Ridge, Woodstock GA	Woodstock	Angie Monroe	angie@kmcorguse.com	770.928.3830	GA
321	Kone, Inc.					Conveying Equipment	One KONE Court	Moline	Tim Disher	tim.disher@kone.com	770.331.0855	IL
322	L&S Diversified, LLC	✓	✓	✓		Survey and Layout	405 Lake Howell Rd., #1001, Maitland, FL 32751	Maitland	Sherry Manor		407.681.3836	FL
323	Laboratory Testing of Central Florida, Inc. d/b/a ARCpoint	✓	✓	✓		Work Force Badging	709 E Michigan St., Orlando, FL 32806	Orlando	Dee Carlson		407.951.7575	FL
324	Lake Conroy Landscaping					Interior Landscape Plants & Accessories	1227 28th Street	Orlando	Ryan Mahanna	ryan@lakeconroylandscaping.com	407-730-3026	FL
325	Lake Glass & Mirror, Inc.					Glass & Glazing	3391 West Main St.	Leesburg	Paul Rogers	paulr@lakeglassandmirror.com	352-787-4700	FL
326	Larry Simmons, Inc. DBA Creative Oak Furniture, Mfg.	✓	✓	✓		Furniture	249 N. Ivey Lane, Ste. A	Orlando	Larry Simmons	larry.simmons.inc@gmail.com	407.423.8413	FL
327	Latite Roofing & Sheetmetal LLC					Roofing	2280 W. Copane Rd.	Pompano Beach	Jim Lessig	jlessig@latite.com	954-772-3446	FL
328	Lavender Lady Plumbing			✓		Plumbing	PO Box 841, Apopka, FL 32704	Apopka	Lisa Smith-Nissen	lavenderladyplumbing@outlook.com	407.464.0510	FL
329	LB Transportation Consulting, Inc.	✓				Special Construction, Communications	130 Barrow St., Suite 418	New York	Lena Bansal	lena.bansal@LBConsulting.com	646.453.9595	NY
330	LEAD Engineering Contractors LLC			✓		Sitework	5201 Blue Lagoon Dr., Suite 590	Miami	Mauricio Gonzalez	mgonzalez@lead-ec.com	305.965.8182	FL
331	Leading Edge Land Services, Inc.					Survey and Layout	8802 Exchange Dr., Orlando, FL 32809	Orlando	Paul Jackson	pjackson@leadingedgels.com	407.351.6730	FL
332	Leesburg Concrete Company, Incorporated					Architectural Precast	1335 Thomas Ave., Leesburg, FL 34748	Leesburg	Kirk Rouse	krouse@leesburgconcrete.com	352.787.4177	FL
333	Lenard Bell Painting Inc.	✓				Painting	16746 Sugar Berry Ln.	Montverde	Lenard Bell	lenardbellpainting@hotmail.com	407.947.4825	FL
334	Lexicon, Inc. d/b/a Prospect Steel Company					Structural Steel	8900 Fourche Dam Pike	Little Rock	Gary Whitmer	garyw@lexicon-inc.com	816.501.8671	AR
335	Linel A Division of Mestek (AWV- American Warming Ventilating)					Skylights	260 North Elm Street	Westfield	Jeff Burgardt	jburgardt@linel.co	317-584-0510	MA
336	Livers Bronze Co.					Ornamental Metals/Decorative Handrails	4621 E 75th Ter	Kansas City	Al Livers	alivers@liversbronze.com	816-300-0864	MO
337	Lotspeich Contracting Inc.					General Trades	2738 Broadway Center Blvd.	Brandon	Ryan Dusnik	ryand@lotspeich.com	813-626-1748	FL
338	Loyal Waterproofing Construction, Inc.			✓		Waterproofing/Joint Sealants/Foundation	Waterproofing	Hernando	Evelyn D'Amaton	loyalwaterproofing@tampabay.rr.com	352.601.7747	FL
339	Lyndan, Inc.					Millwork	383 E. Samuel Ct., Hernando, FL 34442	Hernando	Evelyn D'Amaton	loyalwaterproofing@tampabay.rr.com	352.601.7747	FL
340	M & M Electric of Central Florida, Inc.	✓	✓	✓		Millwork	5402 E. Hanna Ave., Tampa FL 33610	Tampa	Dana Guy	dana@lyndan.com	813.977.6683	FL
341	M&J Steel, LLC					Electrical	6100 Canal Rd., Lot 26, Orlando, FL 32827	Orlando	Misael Gomez	misael@mmelectrictl.com	407.982.4464	FL
	M&J Steel, LLC					Structural Steel & Misc. Metals	7561 Gadsden Hwy., Trussville, AL 35173	Trussville	Michael Spence	mspence@mnj.com	205.655.7451	AL
342	M.C. Dean, Inc.					Audio Visual	Loudoun Gateway IV, 22980 Indian Creek Drive, Dulles, VA 20165	Dulles	Bryan Thomas	bryan.thomas@mcdean.com	571.262.8369	VA
	M.C. Dean, Inc.					Electrical	Loudoun Gateway IV, 22980 Indian Creek Drive, Dulles, VA 20166	Dulles	Bryan Thomas	bryan.thomas@mcdean.com	571.262.8369	VA
	M.C. Dean, Inc.					HVAC/Mech Louvers	Loudoun Gateway IV, 22980 Indian Creek Drive, Dulles, VA 20166	Dulles	Bryan Thomas	bryan.thomas@mcdean.com	571.262.8369	VA
	M.C. Dean, Inc.					Public Address	Loudoun Gateway IV, 22980 Indian Creek Drive, Dulles, VA 20165	Dulles	Bryan Thomas	bryan.thomas@mcdean.com	571.262.8368	VA
	M.C. Dean, Inc.					Telecom	Loudoun Gateway IV, 22980 Indian Creek Drive, Dulles, VA 20166	Dulles	Bryan Thomas	bryan.thomas@mcdean.com	571.262.8369	VA
343	M & J Steel LLC					Misc Metals	7561 Gadsden Highway, Trussville, AL, 35173	Trussville	Eddie Box	ebox@mnj.com	205-655-7451	AL
344	Mack Contracting LLC	✓				Site Work/Underground Utilities	1721 Murdock Blvd.	Orlando	Lawrence Mack-Harre	lawrence@mackcontracting.com	352.816.0111	FL
345	Madrid Engineering Group, Inc.			✓		Quality Control/Materials Testing	2030 SR 60 East, Bartow, FL 33830	Bartow	Brian Murphy	bmurphy@madridengineering.com	863.533.9007	FL
346	Mainstream IP Solutions, Inc.			✓		Telecom	6905 El Dorado Dr., Tampa, FL 33615	Tampa	Steven Brown	sbrown@mainstreamip.com	813.327.6062	FL
347	Malak Corporation	✓	✓	✓		Mechanical	4366 LB McLeod Rd.	Orlando	Emmanuel Ortiz	emmanuelortiz@malakcorp.com	407.250.5806	FL
348	Malcolm Drilling Company, Inc.					Auger Cast Piles	92 Natoma Street, Suite 400, San Francisco, CA 94105	San Francisco	Desiree Blanco	dblanco@malcolmdrilling.com	866.509.5232	CA
349	Manzi Metals, Inc.			✓		Structural Steel & Misc. Metals	15293 Flight Path Dr., Brooksville, FL 34604	Brooksville	Monty Caraballo	monty@manzimetals.com	352.799.8211	FL
350	Mardale Specialties Direct, Inc.					Specialties	4101 Northwood 124th Ave.	Coral Springs	Paula Montoya	pmontoya@specialtiesdirect.com	954.510.7700	FL
351	Mark Master, Inc.					Signage	11111 N. 46th St., Tampa, FL 33617	Tampa	Susan Acebo		800.441.6275	FL
352	Marks Landscaping, Inc.					Interior Landscape Plants & Accessories	1055 Oklahoma Street	Oviedo	Mark Williams	mwilliams@markslandscapinginc.com	407-366-7305	FL

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
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Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
353 Martin King Waterproofing, Inc.	✓				Paint/Special Coatings	13750 W. Colonial Dr., Suite 350-363, Winter Garden, FL 34787	Winter Garden	Martin King	martin@mkwaterproofing.com	321.945.5187	FL
Martin King Waterproofing, Inc.	✓				Waterproofing/Joint Sealants/Foundation Waterproofing	13750 W. Colonial Dr., Suite 350-363 Winter Garden, FL 34787	Winter Garden	Martin King	martin@mkwaterproofing.com	321.945.5187	FL
354 Maser Consulting P.A.					Quality Control/Materials Testing	405 N. Reo St., Suite 105, Tampa, FL 33609	Tampa	Chad Boggs	cboggs@maserconsulting.com	813.207.1061	FL
355 Matcon Construction Services Inc.	✓		✓		Concrete & Masonry	1717 E. Busch Blvd., Ste. 601	Tampa	Derek Mateos	derek@matconconstruction.com	813.600.5555	FL
356 Maverick Constructors, LLC	✓				Millwork	18932 N. Dale Mabry Hwy. #101, Lutz, FL 33548	Lutz	Carlos Rodriguez	carlosr@maverickconstructors.com	813.949.5660	FL
357 MC2 Inc.					CCTV	2290 W. Airport Blvd., Sanford, FL 32771	Sanford	Russ Escamilla	rescamilla@mc2inc.net	321.229.6958	FL
358 McDade Woodcock Inc.					Electric, Communications	2404 Claremont Ave., NE	Albuquerque	Sharon Pedroncelli	sharonbp@mwieic.com	505-507-1277	NM
359 McGrath Rent Corp. d/b/a Mobile Modular Management Corp.					Office Trailers	5700 Las Positas Rd., Livermore, CA 94551	Livermore	Carolyn Prescott	carolyn.prescott@mgrc.com	863.965.3700	CA
360 McKenzie Contracting, LLC	✓		✓		Earthwork	3604 E. Martin Luther King, Jr. Blvd., Tampa, FL 33610	Tampa			813.395.0348	FL
McKenzie Contracting, LLC					Underground Utilities	3604 E. Martin Luther King, Jr. Blvd., Tampa, FL 33610	Tampa			813.395.0348	FL
361 McKenzie's Cleaning Inc.			✓		Final Cleaning	3600 S. State Rd. 7, Ste. 232, Miramar, FL 33023	Miramar	Terriann McKenzie	tmckenzie@mckenziecleaning.com	305.249.5911	FL
362 MCS of Tampa, Inc.					Audio Visual	8510 Sunstate St., Tampa, FL 33634	Tampa	Robyn Huber	rhuber@msoftampa.com	813.447.1732	FL
363 MCS of Tampa, Inc.					Security	8510 Sunstate St., Tampa, FL 33634	Tampa	Robyn Huber	rhuber@msoftampa.com	813.447.1732	FL
364 MCS of Tampa, Inc.					Telecom	8510 Sunstate St., Tampa, FL 33634	Tampa	Robyn Huber	rhuber@msoftampa.com	813.447.1732	FL
363 MDM Services Inc.	✓				Fueling	1055 Kathleen Rd.	Lakeland	Dhivy Sathianathan	dhivy@mdmservices.com	863.646.9130	FL
364 Mechanical Services of Central FL Inc.					Mechanical/Plumbing	9820 Satellite Boulevard	Orlando	Bernard Horne	bhorne@msifla.com	407.857.3510	FL
365 Merit Fasteners Corp.	✓		✓		Masonry	2510 N. Ronald Reagan Blvd., Longwood, FL 32750	Longwood	Donna Best	dbest@meritfasteners.com	407.331.4815	FL
Merit Fasteners Corp.					Construction Material Supplier	2511 N. Ronald Reagan Blvd., Longwood, FL 32750	Longwood	Donna Best	dbest@meritfasteners.com	407.331.4815	FL
366 Met-Con Inc.					Structural Steel	465 Canaveral Groves Blvd.	Cocoa	Hiranand Katari	hsk@metconinc.com	321.632.4880	FL
367 Metromont Corporation					Precast	2802 White Horse Road	Greenville	John Wenkel	jwenkel@metromont.com	770.294.6514	SC
368 Mettron Contracting, Inc.	✓		✓		Underground Utilities	P.O. Box 680705, Orlando, FL 32868	Orlando	Sharen Hannah	mettroncont@aol.com	407.313.0757	FL
369 Midstate Caulking & Construction Services, LLC					Waterproofing / Caulking / Stucco	1600 Kelley Ave.	Kissimmee	Brenda Clement	BClement@midstatecaulking.com	407-530-5773	FL
370 Mid-State Metals, LLC					Misc. Metals	2536 Hansrob Rd	Orlando	Tyler Pellemounter	tpellemounter@msmetalsllc.com	407-295-3864	FL
371 Midwest Steel					Structural Steel & Misc. Metals	8910 Astronaut Blvd. Suite 304, Cape Canaveral, FL 32920	Cape Canaveral	Pamela Drazich	pdrazich@midweststeel.com	321.783.7001	FL
372 Miller Electric Company					Electrical	2251 Rosselle St., Jacksonville, FL 32204	Jacksonville	Jason Shinneman	jshinneman@mecejox.com	813.623.3984	FL
Miller Electric Company					Telecom	2251 Rosselle St., Jacksonville, FL 32204	Jacksonville	Jason Shinneman	jshinneman@mecejox.com	813.623.3984	FL
373 Miller Paneling Specialties					Interior Wall Panels	3500 W King St #4	Cocoa	Brandy Huyskens	brandy@millpaneling.com	321-806-4822	FL
374 Mill-Rite Woodworking Company, Inc.	✓				Millwork, Countertops, Metal Panels	6401 47th Street	Pinellas Park	Greg Marrocco	gregg@mill-rite.com	757.527.7808	FL
375 Mitsubishi Electric					Elevators/Escalators						
376 Modern Plumbing Industries, Inc.					Plumbing	255 Old Sanford Oviedo Rd., Winter Springs, FL	Winter Springs			321.926.4489	FL
377 Modular Building Systems International, LLC	✓	✓	✓		Office Trailers	13340 W. Colonial Dr. #250, Winter Garden, FL	Winter Garden	Patricia Berk	pberk@mbsi.com	407.905.9951	FL
378 Modular Space d/b/a Modspace					Office Trailers	5001 Zell Dr., Orlando, FL 32824	Orlando			407.859.7925	FL
379 Mohawk Carpet Distribution, Inc.					Resinuous Flooring	160 S. Industrial Blvd., Calhoun, GA 30701	Calhoun	Phil Santella	phil_santella@mohawkind.com	407.205.6985	GA
380 Moretrench Environmental Services, Inc.					Auger Cast Piles	189 Jamaica Ln., Orlando, FL 32809	Orlando			407.897.8562	FL
381 Moretrench Environmental Services, Inc.					Precast Driven Piles & Earthwork	189 Jamaica Ln., Orlando, FL 32809	Orlando			407.897.8562	FL
381 Morgan Air Conditioning LLC	✓				HVAC	14807 N. 12th Street	Hillsborough	Brainard Morgan	bmorgan@morganac.com	813.500.7765	FL
382 Morris Allen & Associates, Inc.					Consultant	1140 Capital Circle S.E., Suite 3, Tallahassee, FL 32301	Tallahassee	Dr. Davis		850.421.7770	FL
383 Morris-Shea Bridge Company, Inc.					Foundations	609 South 20th St., Irondale, AL 35210	Irondale	Tony Smith	tsmith@morris-shea.com	205.956.9518	AL
384 Morton Electric, Inc.					Electrical	3625 W. 1st St., Sanford, FL 32771	Orlando			407.830.1000	FL
Morton Electric, Inc.					Fire Alarm	3625 W. 1st St., Sanford, FL 32771	Orlando			407.830.1000	FL
385 Mountain Top d/b/a Saratoga Roofing					Mod. Bit. Roofing	4700 Millenia Blvd. #175, Orlando, FL 32839	Orlando			407.442.3102	FL
386 Mr. David's Flooring					Carpet & Resilient Flooring	88 Riberia Street	St. Augustine	Laura Dellbrugge	laurad@mrdaids.com	904-629-7779	FL
387 MSE ² , Inc. d/b/a Mader Southeast					Acoustical Ceilings	2299 E. Landstreet Rd., Orlando, FL 32824	Orlando	Adam Eckelbarger	aekelbarger@madereast.com	407.822.8817	FL
MSE ² , Inc. d/b/a Mader Southeast					Drywall	2300 E. Landstreet Rd., Orlando, FL 32824	Orlando	Adam Eckelbarger	aekelbarger@madereast.com	407.822.8818	FL
MSE ² , Inc. d/b/a Mader Southeast					Structural Concrete (Columns/Walls/Stairs/SOD)						
388 Mule Engineering and Construction, Inc.					Demo, Carpentry, Finishes, HVAC, GR	13019 Shadow Bend Ct.	Winter Garden	Mike Ulekowski	mike.ulekowski@mule-eng.com	407.543.6414	FL
389 Munilla Construction Management LLC dba MCM					General Contractor	6201 SW 70th St.	Miami	Eugenio Jaramillo	eugenio@mcm-us.com	305.541.0000	FL
390 Nadic Engineering Services Incorporated	✓	✓	✓		Consultant	601 N. Hart Blvd., Orlando, FL 32818	Orlando			407.521.4771	FL
391 National Fire Protection, LLC					Fire Suppression	515 Dover Road	Rockville	James Walter	jwalter@natfire.com	301.370.5030	MD
392 Nations Roof of Florida LLC					Roofing	1313 E. Landstreet Road	Orlando	Jake Hyatt	jhyatt@nationsroof.com	407-649-1333	FL
393 NEFF Rentals					Equipment Rental	3750 NW 87th Ave.	Miami	Ryan Purdy	rpurdy@neffcorp.com	407.407.9995	FL
394 New Age Reprographics LLC			✓		Printing and Document Management	3642 W. Kennedy Blvd., Tampa, FL 33609	Tampa	Alex Prieto	alex.prieto@newagerepro.com	813.426.3272	FL
395 New Horizon Construction Services, LLC (NHCS)	✓	✓	✓		Ceramic Tile	3430 N. Orange Blossom Trail, Orlando, FL 32804	Orlando	Dion Long	dlong@nhcslc.net	407.574.2164	FL
New Horizon Construction Services, LLC (NHCS)	✓	✓	✓		Door Frames/Hardware	3431 N. Orange Blossom Trail, Orlando, FL 32804	Orlando	Dion Long	dlong@nhcslc.net	407.574.2164	FL
New Horizon Construction Services, LLC (NHCS)	✓	✓	✓		Interior Glazing	3432 N. Orange Blossom Trail, Orlando, FL 32804	Orlando	Dion Long	dlong@nhcslc.net	407.574.2164	FL
New Horizon Construction Services, LLC (NHCS)	✓	✓	✓		Millwork	3433 N. Orange Blossom Trail, Orlando, FL 32804	Orlando	Dion Long	dlong@nhcslc.net	407.574.2164	FL
396 Nicholson Construction Co.					Access Roads/Storage Yards	17535 Darby Lane, Lutz, FL 33558	Lutz	Martin Hoegg		727.223.5979	FL
Nicholson Construction Co.					Jet Grouting	17536 Darby Lane, Lutz FL 33558	Lutz	Martin Hoegg		727.223.5980	FL
Nicholson Construction Co.					Auger Cast Piles	17537 Darby Lane, Lutz FL 33558	Lutz	Martin Hoegg		727.223.5981	FL
Nicholson Construction Co.					Soil Mixing	17538 Darby Lane, Lutz FL 33558	Lutz	Martin Hoegg		727.223.5982	FL
397 North Alabama Fabricating Company, Inc.					Structural Steel & Misc. Metals	4632 Richard Arrington Jr. Blvd., North Birmingham, AL 35212	Birmingham	John Harris	jharris@nafcofab.com	205.591.5554	AL
398 Northern Electric, Inc.					Electrical	12789 Emerson Street	Thornton	Al Fisher	afisher@northernelec.com	303.428.6969	CO
399 Nosal Industries					General Trades	21 Meadow Road	Clinton	David Gionfriddo	davidg@nosalindustries.com	203-641-0914	CT
400 Nova Engineering & Environmental LLC					Testing & Inspections	3640 Kennesaw N Industrial Parkway NW Suite	Kennesaw	David Miller	dmler@usanova.com	770.425.0777	GA

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
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Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
401 N-RG Cladding, LLC					Metal Panels & Column Covers	516 Cooper Commerce Dr., Apopka, FL 32703	Apopka	Phil Klote		407.464.7070	FL
402 NV5, Inc.					Material Testing	200 South Park Rd.	Hollywood	Barry Goldstein	barry.goldsten@nv5.com	305.901.2039	FL
403 Odyssey International, Inc. dba Odyssey Global					Concrete	1225 Opportunity Ave.	Chambersburg	Carl Leneis	carll@odysseyglobal.com	407.777.6620	PA
404 Oldcastle Building Envelope, Inc.					Glazing/Curtainwall Systems & Skylights	803 Airport Rd., Terrell, TX 75160	Terrell	Ned Mohammad	nmmohammade@oldcastlebe.com	972.551.6100	TX
405 Oldcastle Precast, Inc.					Precast	175 Semoran Commerce Place	Apopka	Daniel Nyce	dan.nyce@oldcastle.com	407.889.2432	FL
406 OLP Construction	✓		✓		Concrete Flatwork (SOG, Sidewalks, Misc Pads, C&G)	5511 Curry Ford Rd., Orlando FL 32822	Orlando			407.384.8375	FL
OLP Construction	✓		✓		Concrete Foundations & Earthwork	5512 Curry Ford Rd., Orlando FL 32822	Orlando			407.384.8376	FL
OLP Construction	✓		✓		Masonry	5513 Curry Ford Rd., Orlando FL 32822	Orlando			407.384.8377	FL
407 One Source Roofing, Inc	✓	✓			Mod. Bit. Roofing	894 Kennedy Blvd., Orlando, FL 32810	Orlando	Alice	aj@onesourceroofting.net	407.660.8552	FL
408 Onopa Services, LLC	✓		✓		Demolition	541 N. Palmetto Ave. #104, Sanford, FL 32771	Sanford	David Bermudez		407.323.2214	FL
409 Orion Management, LLC					Electrical	3245 N. Courtenay Pky., Suite 17, Merritt Island, FL 32953	Merritt Island	James Buck	j.buck@orionmngt.com	321.609.0973	FL
410 Orlacon General, Inc.					Door Frames/Hardware	PO Box 547338, Orlando, FL 32804	Orlando	Chris Edson	chris.edson@orlacon.com	321.231.8757	FL
Orlacon General, Inc.					Masonry	PO Box 547338, Orlando, FL 32804	Orlando	Chris Edson	chris.edson@orlacon.com	321.231.8757	FL
Orlacon General, Inc.					Mod. Bit. Roofing	PO Box 547338, Orlando, FL 32804	Orlando	Chris Edson	chris.edson@orlacon.com	321.231.8757	FL
411 Orlando Color Factory Painting, Inc.					Painting	1350 S Hiwassee Rd #162	Orlando	Randy Wheeler	sales@ocfpainting.com	407-715-7336	FL
412 OTIS Elevator Company					Elevator/ Escalator	5500 Village Blvd., Suite 101	West Palm Beach	Jeff Zielinski	jeff.zielinski@otis.com	813.380.6986	FL
413 Overhead Door Co. of Orlando					Overhead Doors	1351 Bennett Dr	Longwood	Carl Stevens	ohdcarl@yahoo.com	407-830-5600	FL
414 Overhead Door Mid Florida Commercial					Overhead Doors	777 South Park Avenue	Apopka	Darrel Wilkie	darrel@fladour.com	407-884-5955	FL
415 Owen Steel Company Inc.					Structural Steel & Misc. Metals	727 Mauney Dr., Colombia, S. Carolina 29201	Colombia	Scott McCoy	scott.mccoy@ownsteel.com	803.251.7510	SC
416 P & A Roofing and Sheet Metal, Inc.					Metal Roofing System (Project Wide)	4495 35th St., Orlando, FL 32811	Orlando			407.650.9541	FL
P & A Roofing and Sheet Metal, Inc.					Waterproofing/Joint Sealants/Foundation						
P & A Roofing and Sheet Metal, Inc.					Waterproofing	4496 35th St., Orlando, FL 32811	Orlando			407.650.9542	FL
417 P Jackson Enterprises d/b/a The Jackson-Flayler Co.	✓				General Contractor	2804 South Osceola Ave	Orlando	Pam Jackson	pam@jfcflorida.com	407-872-7003	FL
418 Pace Electric, Inc					Electrical	402 Bif Ct.	Orlando	Ed Lewis	edl@paceelectric.com	407.855.3200	FL
419 Page One Consultants, Inc.	✓	✓	✓		Quality Control/Materials Testing	5780 Hoffner Ave., #401, Orlando FL 32822	Orlando			407.275.5120	FL
420 Painters on Demand	✓				Painting	3201 North Florida Avenue	Tampa	Frank Nieves	frankn@paintersondemand.net	813-880-0001	FL
421 Paintsmart USA, Inc.	✓	✓	✓		Paint/Special Coatings	5036 Dr. Phillips Blvd., Suite 318, Orlando, FL 32819	Orlando	Andre Smart	smartwr421@aol.com	407.427.0960	FL
422 Paradise Awnings Corp.					Metal Panels/ Canopies	4310 NW 36th Ave.	Miami	Ralph Gainer	rgainer@paradisawnings.com	954-791-0781	FL
423 Pars Construction Services, LLC					Roadways/Paving	7643 Gate Parkway, Suite 104-82, Jacksonville, FL 32256	Jacksonville	Ali Hakimi	ahakmi@pars-construction.com	904.642.6144	FL
424 Peachtree Telecommunications International LLC					Signage	11555 Medlock Bridge Rd. #100, Johns Creek, GA 30097	Johns Creek			770.242.1970	GA
Peachtree Telecommunications International LLC					Telecom	11555 Medlock Bridge Rd. #100, Johns Creek, GA 30097	Johns Creek			770.242.1970	GA
425 Peak Fall Protection, Inc.					Window Washing Equipment	1230 Perry Rd	Apex	Travis Nelson	admin@peak-fp.com	919-422-0683	NC
426 Percopo Coatings Company LLC					Paint/Special Coatings	751 Fleet Financial Ct., Longwood, FL 32750	Longwood			407.331.3805	FL
Percopo Coatings Company LLC					Waterproofing/Joint Sealants/Foundation						
Percopo Coatings Company LLC					Waterproofing	751 Fleet Financial Ct., Longwood, FL 32750	Longwood			407.331.3805	FL
427 Performance Contracting, Inc., of Kansas					Metal Panels/Drywall	11145 Thompson Avenue	Lenexa	Steve Kerber	steve.kerber@pcg.com	863-6693963	KS
428 Performance Door & Hardware					D/F/H	3710 W. Royal Lane, Ste. 185	Irving	Michael Dion	mdion@performancedoor.com	407-932-2115	TX
429 Performance Painting Contractors, Inc.					Painting	6375 Harney Rd.	Tampa	Bennett Carnes	bcarnes@performance-painting.com	904-703-0618	FL
430 PermaSteelisa Cladding Technologies, Ltd. Corp.					Curtainwall/Glazing	703 NW 62nd Ave., Suite 950, Miami, FL 33126	Miami	Roberto Biccirelli	r.biccirelli@permasteelisa.com	305.592.1212	FL
431 Petersen Dean Roofing and Solar Systems					Mod bit roofing	565 Henderson Road	Jacksonville	Michela Munroe	mmunroe@petersendean.com	(352) 454-4442	FL
432 Petroleum Equipment, Inc. of Kansas City (PEI)					Diesel Fuel Transfer & Storage Systems	1401 E. 9th St.	Kansas City	Stuart Mears	stumeas@peiok.com	816-421-0044	MO
433 Phillips and Jordan, Incorporated					Earthworks	8940 Gall Blvd., Zephyrhills, FL 33541	Zephyrhills	Art Phelps	aphelps@pandj.com	813.783.1132	FL
Phillips and Jordan, Incorporated					Abutments & MSE Walls	8940 Gall Blvd., Zephyrhills, FL 33541	Zephyrhills	Art Phelps	aphelps@pandj.com	813.783.1132	FL
Phillips and Jordan, Incorporated					Access Roads/Storage Yards	8940 Gall Blvd., Zephyrhills, FL 33541	Zephyrhills	Art Phelps	aphelps@pandj.com	813.783.1132	FL
434 Physical Security, LLC					Curtainwall/Glazing	600 Belview St., Bessemer AL 35020	Bessemer	Rudi Prusa	rprusa@pshurricane.com	517.819.7510	AL
Physical Security, LLC					Interior Glazing	600 Belview St., Bessemer AL 35020	Bessemer	Rudi Prusa	rprusa@pshurricane.com	517.819.7510	AL
435 Piney Branch Motors Inc. d/b/a Allied Trailers Sales & Rentals					Office Trailers	335 Central Florida Parkway, Orlando, FL 32824	Orlando	Elizabeth Barron		407.240.1119	FL
436 Pipeline Mechanical, Inc.					HVAC/Mech Louvers	30901 Sun Eagle Dr., Mount Dora, FL 32757	Mt. Dora	Ammaury Sosa	asosa@pmiFL.com	352.385.0195	FL
437 Piper Fire Protection					Fire Suppression	13075 US HWY 19 N	Clearwater	Chris Johnson	chris.johnson@piperfire.com	727.581.9339	FL
438 Plateau Excavation, Inc.					Civil	375 Lee Industrial Blvd.	Austell	David Shewchuk	dshewchuk@plateauexcavation.com	404-317-4181	GA
439 Plummer Painting and Waterproofing, Inc.					Paint/Special Coatings	660 Jackson Ave. #103, Winter Park, FL 32789	Winter Park	Jessica	jessica@plummerinc.com	407.585.0210	FL
Plummer Painting and Waterproofing, Inc.					Waterproofing/Joint Sealants/Foundation						
Plummer Painting and Waterproofing, Inc.					Waterproofing	660 Jackson Ave. # 103, Winter Park, FL 32789	Winter Park	Jessica	jessica@plummerinc.com	407.585.0209	FL
440 Potential Electric LLC	✓				Electrical	4629 36th St., Suite 200	Orlando	Val Chu	valchu@potentialelectricllc.com	407.648.4433	FL
441 Power Engineering Group, Inc.	✓	✓	✓		Audio Visual	6635 Narcoossee Rd., Orlando, FL 32822	Orlando			407.277.3150	FL
Power Engineering Group, Inc.	✓	✓	✓		Electrical	6635 Narcoossee Rd., Orlando, FL 32822	Orlando			407.277.3150	FL
Power Engineering Group, Inc.	✓	✓	✓		Public Address	6635 Narcoossee Rd., Orlando, FL 32822	Orlando			407.277.3150	FL
Power Engineering Group, Inc.	✓	✓	✓		Security	6635 Narcoossee Rd., Orlando, FL 32822	Orlando			407.277.3150	FL
442 PPI Epoxy Coating					Epoxy Flooring	9535 Satellite Blvd, suite 100	Orlando	Maritza Sanchez	wnieves1968@gmail.com	937-524-7292	FL
443 Praise Contracting LLC.	✓	✓	✓		Acoustical Ceilings	10859 Arbor View Rd., Orlando, FL 32825	Orlando	Antonia Jackson	ajackson@praise.com	407.864.5477	FL
Praise Contracting LLC.	✓	✓	✓		Ceramic Tile	10863 Arbor View Rd., Orlando, FL 32825	Orlando	Antonia Jackson	ajackson@praise.com	407.864.5481	FL
Praise Contracting LLC.	✓	✓	✓		Drywall	10862 Arbor View Rd., Orlando, FL 32825	Orlando	Antonia Jackson	ajackson@praise.com	407.864.5480	FL
Praise Contracting LLC.	✓	✓	✓		Millwork	10860 Arbor View Rd., Orlando, FL 32825	Orlando	Antonia Jackson	ajackson@praise.com	407.864.5478	FL
Praise Contracting LLC.	✓	✓	✓		Paint/Special Coatings	10863 Arbor View Rd., Orlando, FL 32825	Orlando	Antonia Jackson	ajackson@praise.com	407.864.5481	FL
Praise Contracting LLC.	✓	✓	✓		Resilient Flooring/Carpet	10861 Arbor View Rd., Orlando, FL 32825	Orlando	Antonia Jackson	ajackson@praise.com	407.864.5479	FL
444 PRC Precast LLC					Architectural Precast	46 Donkle Rd., Greenville, SC 29609	Greenville	Forde Davis	fdavis@prconcrete.com	864.244.8211	SC

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
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Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
445 Precision 2000, Inc.					Structural Concrete (Columns/Walls/Stairs/SOD)	2215 Lawson Way, Atlanta, GA 30341	Atlanta	Carlos Sanchez	csanchez@precision2k.com	770.455.6142	GA
446 Precision Balance, Inc.			✓		HVAC/Mech Louvers	8815 Conroy Windermere Rd. #319, Orlando, FL 32835	Orlando	Tracy Maloney	precisionbal@aol.com	407.876.4112	FL
447 Precision Contracting Services, Inc.			✓		Communications	15834 Guild Court	Jupiter	Laura Fix	lfix@pcsfiber.com	561.743.9737	FL
448 Precision Painting Group					Painting	918 E Busch Blvd	Tampa	George Gaffney	george@pgettampa.com	813-935-5868	FL
449 PremUS of Orlando, Inc.					Terrazzo Flooring	16403 Myers Ct	Clermont	Gary Rader	gary@premus.com	407-509-4726	FL
450 Prentiss II Industries LLC	✓	✓	✓		Resilient Flooring/Carpet	20850 S. Buckhill Rd., Clermont, FL 34715	Clermont	Prentiss Wright		407.448.9038	FL
451 Prime Electrical Services, Inc.	✓	✓	✓		Electrical	550 Holts Lake Ct. #101, Apopka, FL 32703	Apopka	Camell Williams	cwilliams@gesiec.com	407.574.5177	FL
452 Prince Contracting, LLC					Earthworks	10210 Highland Manor Dr., Suite 110, Tampa, FL	Tampa	Jack Calandros	jcalandros@princecontracting.com	813.699.5900	FL
453 Pro-Bel Enterprises Limited (Pro-Bel Group Limited)					Window Washing Equipment	1638 Anita Place Northeast	Atlanta	John Lyons	johnlyons@pro-bel.ca	404-874-5559	GA
454 Progressive Plumbing, Inc.					Plumbing	1064 Fl-50, Clermont, FL 34711	Clermont			352.394.7171	FL
455 Protect Video, Inc.	✓		✓		Security	3483 High Ridge Rd., Boynton Beach, FL 33426	Boynton Beach	Shad DiMaria	shad@protectvideo.com	561.622.5880	FL
Protect Video, Inc.	✓		✓		Telecom	3483 High Ridge Rd. Boynton Beach, FL 33426	Boynton Beach	Shad DiMaria	shad@protectvideo.com	561.622.5880	FL
456 Provisions Construction and Development, Inc.		✓	✓		General Contractor	3401 Lake Breeze Dr	Orlando	Michael Arrington	marrington@provisionscdi.com	407-985-2442	FL
457 Proxy Management Group, LLC dba Veatic	✓				Signage	2450 Smith St.	Kissimmee	Frank Rodriguez	frodriguez@veatic.com	888.747.2999	FL
458 Ptah Entertainment Inc d/b/a Sunfire Technology					Security	11 E. Falls Rd., Memphis, TN 38109	Memphis	Jerome Hightower	jerome@sunfiretechnology.com	901.237.9724	TN
459 PTE Systems International, LLC					Telecom	11 E. Falls Rd. Memphis, TN 38109	Memphis	Jerome Hightower	jerome@sunfiretechnology.com	901.237.9724	TN
460 Pyramid Masonry Contractors, Inc.					Steel/Concrete/Engineering	1950 West 8th Ave.	Hialeah	Rick Kaiser	rickk@pteintl.com	305.863.3409	FL
461 Quality Cable Contractors, Inc.	✓	✓	✓		Masonry	2330 Mellon Ct.	Decatur	Bill Parsons	bparsons@pyramidmasonry.net	407.816.5740	GA
462 Quantum Electric LLC	✓	✓	✓		Electrical	207 N. Goldenrod Rd., Suite 600, Orlando, FL 32807	Orlando	Gabriel Del Rio	gabriel@qccflorida.com	407.246.0606	FL
463 R. W. Harris, Inc.					Electrical	1237 North Pine Hills Rd.	Orlando	Damian Smith	office@quantumelectriccl.com	407.485.4333	FL
464 R.F. Knox					Foundations	12300 44th St N., Clearwater, FL 33762	Clearwater	Shawn		727.572.9200	FL
465 RAKS Fire Sprinkler, LLC			✓		Decorative Handrails	4865 Martin Court	Smyrna	Jack Knox	jknox@rfknox.com	770-434-7401	GA
466 Ramcon, LLC					Fire Protection	215 Mobile St., Hattiesburg, MS 39401	Hattiesburg	Romero Ali	ralli75@yahoo.com	334.202.0322	MS
467 Randall Fire Protection					Roofing	5902 Breckenridge Parkway	Tampa	Kyle Burdine	kburdine@ramconllc.com	813-663-9667	FL
468 Randall Mechanical, Inc.					Fie Protection	3307 Clarcona Rd.	Apopka		Info@RandallConstruction.com	407-464-7776	FL
Randall Mechanical, Inc.					HVAC/Mech Louvers	3307 S. Clarcona Rd. Apopka, FL 32703	Apopka	Matthew Reinders	mreinders@randallmechanical.com	407.408.6792	FL
Randall Mechanical, Inc.					Plumbing/HVAC	3307 S. Clarcona Rd. Apopka, FL 32703	Apopka	Matthew Reinders	mreinders@randallmechanical.com	407.408.6792	FL
Randall Mechanical, Inc.					Structural Concrete (Columns/Walls/Stairs/SOD)	3307 S. Clarcona Rd. Apopka, FL 32703	Apopka	Matthew Reinders	mreinders@randallmechanical.com	407.408.6792	FL
469 Ranger Construction Industries, Inc.					Access Roads/Storage Yards	1200 Elbow Way, Winter Garden, FL 34787	Winter Garden			407.656.9255	FL
470 RCD Inc					Painting	6810 Luana Lane	Seffner	Johnny Giunta	johnny@rcdcpainting.com	813-478-5084	FL
471 RCS Civil, Inc.			✓		Fabric Formed RipRap	297 E. Hwy. 50, Suite 3, Clermont, FL 34711	Clermont	Pedro Baldaguez	pedro@rcsconstructionco.com	352.394.1716	FL
472 RCS Millwork, L.C.			✓		Millwork & Countertops	25 Funston Road	Kansas City	Dustin Hecht	dhecht@rcsmillwork.com	913-281-7373	KS
473 Rehab Fabrication, Inc.	✓		✓		Structural Steel & Misc. Metals	11422 Satellite Blvd., Orlando, FL 32837	Orlando			407.857.3232	FL
474 Record Automatic Doors, Inc.					Exit Lane Breach Control	4324 Phil Hargett Ct	Monroe	David Pickers	david.pickers@recorddoors.com	704-315-7392	NC
475 Republic Services					Trash Removal	11224 Rocket Blvd., Orlando, FL 32824	Orlando	Erika Montanez	rstevens2@wm.com	321.287.9124	FL
476 Richard Flanders Enterprises, Inc.					Test and Balance	3800 Inverrary Blvd., #110, Lauderhill, FL 33319	Lauderhill	Harlan Rosenberg	harlan@richardflanders.com	407.592.1932	FL
477 Rightway Acoustics, LLC					ACT	720 SW River Bend Circle	Stuart	Alex Mullen	amullen@rightwayacoustics.com	772.341.6291	FL
478 Rigsby Construction, Inc. dba Artisan Design and Construction					General Contractor	6278 N. Federal Hwy #304	Ft. Lauderdale	Patricia Rigsby	pat@artisan-group.com	954.448.3300	FL
479 Rivera Tile & Stone	✓				Carpet & Resilient Flooring	801 S Chicksaw Trail	Orlando	Nemo Rivera	rivera@riveratileandstone.com	407-443-7622	FL
480 RL Burns Inc.	✓		✓		Coiling Doors, Door Frames, Drywall, Paint	1203 W. Gore St., Orlando, FL 32805	Orlando	April Dixon	adixon@rlburnsinc.com	407.839.1128	FL
RL Burns Inc.	✓		✓		Door Frames/Hardware	1203 W. Gore St. Orlando, FL 32805	Orlando	April Dixon	adixon@rlburnsinc.com	407.839.1131	FL
RL Burns Inc.	✓		✓		Drywall	1204 W. Gore St. Orlando, FL 32805	Orlando	April Dixon	adixon@rlburnsinc.com	407.839.1132	FL
RL Burns Inc.	✓		✓		Paint/Special Coatings	1202 W. Gore St. Orlando, FL 32805	Orlando	April Dixon	adixon@rlburnsinc.com	407.839.1130	FL
RL Burns Inc.	✓		✓		Resilient Flooring/Carpet	1203 W. Gore St. Orlando, FL 32805	Orlando	April Dixon	adixon@rlburnsinc.com	407.839.1131	FL
RL Burns Inc.	✓		✓		Signage (Int & Ext)	1201 W. Gore St. Orlando, FL 32805	Orlando	April Dixon	adixon@rlburnsinc.com	407.839.1129	FL
481 Rolling Plains Construction					Fireproofing	5 S. Roosevelt Ave., Chandler AZ	Chandler	Kaitlin Sidwa	kaitlin@rollingplains.com	480.895.8813	AZ
482 S M I Cabinetry, Inc.					Millwork	2715 N. Orange Blossom Tr., Orlando, FL 32804	Orlando	Michelle Hull	michelle@smi-cabinetry.com	407.841.0292	FL
483 S.I. Goldman Company, Inc.					HVAC/Mech Louvers	799 Bennett Dr., Longwood, FL 32750	Longwood	Manny Toro	mannyt@sigoldmanco.com	407.830.5000	FL
S.I. Goldman Company, Inc.					Plumbing	799 Bennett Dr., Longwood FL 32750	Longwood	Manny Toro	mannyt@sigoldmanco.com	407.830.5000	FL
484 Sachs Electric					Electrical	1572 Larkin Williams Road	St. Louis		Info@SachsCo.com	636-532-2000	MO
485 Safety Plus International, LLC			✓		Safety Equipment Supplier	111 E. Monument Ave., Ste. 401-17 Kissimmee, FL 34741	Kissimmee	Cesar	cesar.borri@safetyplus.us	407.957.1900	FL
486 Safway Services, LLC					Scaffolding	11208 Boggy Creek Rd., Orlando, FL	Orlando	Greg Tolley	gregtolley@safway.com	407.859.2060	FL
487 Sandra Leppert and Associates, Inc.			✓		Millwork	PO Box 271893, Tampa, FL 33688	Tampa	Sandra Jo Leppert	info@sfixtrues.com	813.962.8890	FL
488 Sauer Group, Inc.					Mechanical	1801 Lone Eagle Street	Pittsburgh	Michael Ruzinsky	sauermechestimating@sauergroup.com	904-262-6460	PA
489 Schedule 10 Specialists, Inc.	✓				Specialties	3521 Northwest 99th Avenue	Coral Springs	Rena Blankenship	christa@schedule10.com	954-340-8986	FL
490 Schindler Elevator Corporation					Elevators/Escalators	7100 TPC Drive, #300, Orlando, FL 32827	Orlando			407.235.1200	FL
491 Schuff Steel Company					Structural Steel & Misc. Metals	6701 W. 64th St., Suite 200, Overland Park, KS 66202	Overland Park	Jay Allen	jay.allen@schuff.com	602.332.9541	KS
492 SECO Architectural Systems, Inc.					Metal Panels	3685 Hewatt Ct. SW, Ste. B	Snellville	Joe Creighton	joe@secoinc@secoinc.biz		GA
493 Secom, LLC					Survey and Layout	P.O. Box 1747, Orlando, FL 32802	Orlando	Beverly Jones		407.352.7181	FL
494 Secured Global LLC					Window Washing Equipment	4524 36th St	Orlando	Eilana	eilana.hernandez@securedfp.com	407-472-4860	FL
495 SEMA Construction, Inc.					Access Roads/Storage Yards	6200 Hazeltine National Dr., #100, Orlando, FL 32825	Orlando	Shane Cox	scox@semaconstruction.com	407.563.7900	FL
SEMA Construction, Inc.					Structural Concrete (Columns/Walls/Stairs/SOD)	6200 Hazeltine National Dr # 100 Orlando, FL	Orlando	Shane Cox	scox@semaconstruction.com	407.563.7899	FL
496 Seminole Masonry, LLC					Architectural Precast	3850 E. Lake Mary Blvd., Sanford, FL 32773	Sanford	Blake Roden		407.278.4980	FL
Seminole Masonry, LLC					Masonry	3850 E. Lake Mary Blvd Sanford FL	Sanford	Blake Roden		407.278.4980	FL
497 Sharon Shelters d/b/a Shelters Cleaning LLC	✓	✓	✓		Final Cleaning	PO Box 721924, Orlando, FL 32872	Orlando	Sharon Shelters	sharon@shelterscleaning.com	407.373.4241	FL
498 Siemens Postal, Parcel & Airport Logistics LLC					Baggage Handling	2700 Esters Blvd., Suite 200B, Dallas, TX 75261	Dallas	Andrew Savage	andrew.savage@siemens.com	972.947.7100	TX
499 Sigma Marble & Granite, Inc.					Ceramic Tile	8222 Chancellor Row, Dallas TX 75247	Dallas			214.637.5200	TX
500 Signal Perfection Ltd., Inc.					Telecom	9160 Rumsey Rd., Suite B12, Columbia, MD 21045	Columbia	Philip diPaula		407.334.9966	MD

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
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	Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
501	SimplexGrinnell LP					Audio Visual	6829 Shadowridge Dr., Suite 211, Orlando, FL 32812	Orlando	Drue Nadrowski	dnadrowski@simplexgrinnell.com	321.558.0928	FL
	SimplexGrinnell LP					CCTV	6829 Shadowridge Dr., Suite 211, Orlando, FL 32812	Orlando	Drue Nadrowski	dnadrowski@simplexgrinnell.com	321.558.0928	FL
	SimplexGrinnell LP					Fire Protection	6830 Shadowridge Dr., Suite 211, Orlando, FL 32812	Orlando	Drue Nadrowski	dnadrowski@simplexgrinnell.com	321.558.0929	FL
	SimplexGrinnell LP					Public Address	6829 Shadowridge Dr., Suite 211, Orlando, FL 32812	Orlando	Drue Nadrowski	dnadrowski@simplexgrinnell.com	321.558.0928	FL
	SimplexGrinnell LP					Security	6829 Shadowridge Dr., Suite 211, Orlando, FL 32812	Orlando	Drue Nadrowski	dnadrowski@simplexgrinnell.com	321.558.0928	FL
502	Sky Builders USA	✓	✓	✓		Drywall	62 W. Illiana St.	Orlando	Juan Velez	jvelez@skybuildersusa.com	407.362.1870	FL
503	Smith Industries Inc. d/b/a Smith Fence Company					Barricades and Signage	4699 110th Ave. North, St. Petersburg, FL 33762	St. Petersburg	Tommy Smith		727.573.5440	FL
504	Smith, Broomfield & Howard Construction and Restoration	✓				General Contractors	321 W. Alfred St.	Tavares	Lamar Smith	lsmith@sbhconstruction.com	407.828.8761	FL
505	Southeastern Surveying and Mapping Corporation					Survey and Layout	6500 All American Blvd., Orlando, FL 32810	Orlando			407.292.8580	FL
506	Southern Fire Protection of Orlando, Inc.					Fire Protection (Project Wide)	3801 East SR 46, Sanford, FL 32771	Sanford	Jim Lucas	jim@southernfire.net	407.323.4200	FL
507	Southern Foam Insulation, Inc.					Insulation	PO Box 783788, Winter Garden, FL 34778	Winter Garden	Terri Brown	terrib@southernfoaminsulation.com	407.654.1251	FL
508	Southland Rowe Roofing, Inc.					Mod. Bit. Roofing	1843 Commerce Blvd., Midway, FL 32343	Midway			850.386.7663	FL
509	Southmost Drywall, Inc.					Acoustical & Metal Ceilings	605 N Broad St.	Fremont	Charlotte Juett	rjarab@hotmail.com	402-993-6678	NE
510	Southstar Fire Protection DBA Northstar Fire Protection Company					Fire Protection	5001 S University Dr. Suite B	Fort Lauderdale	Nick Rosinski	nick.rosinski@northstarfire.com	954-495-0474	FL
511	Space Coast Fire and Safety, Inc.					Fire Protection	420 Manor Dr., Merritt Island, FL 32952	Merritt Island	James Gaffney	jim@spacecoastfire.com	321.783.1040	FL
512	Span Systems, Inc.					Aluminum Walkway	90 Pine St., Manchester, NH 03103	Manchester	Brett Schmidchen	bschmidchen@spansystemsinc.com	603.621.4090	NH
513	Specco Environmental, Inc	✓	✓	✓		Environmental Engineer	1073 Willa Springs Drive, Suite 2045, Winter Springs, FL 32708	Winter Springs	Justino Hoppood		321.418.8994	FL
514	Specialty Spray Systems					Spray Fireproofing	975 Cobb Place Blvd, Suite 209	Kennesaw	M. Scott Sellers	scottellers@specialtysprayssystems.com	404-680-9823	GA
515	Spectra Contract Flooring					Resilient Flooring	925 Florida Central Pkwy	Longwood	Jon Van Horn	jon.vanhorn@spectracf.com	407-509-8171	FL
516	SPR Services, Inc.					Paint/Special Coatings	1730 S. Bumby Ave., Orlando, FL 32806	Orlando	Gregg Saxonis	gregg@sprservices.com	407.834.0031	FL
517	Spring Precast					Precast	3782 US Highway 280E	Cobb	Han C Wu	hcwu@springcast.com	229-591-7009	GA
518	Square 10 Source					Specialties	7211 Anderson Rd.	Tampa	Steven Cook		813-425-5868	FL
	Square 10 Source					Entrance Floor Grills	7211 Anderson Rd.	Tampa	Steven Cook		813-425-5868	FL
519	SSE & Associates, Inc. dba Southeastern Surfaces & Equipment	✓				Misc. Specialties	569 Canal Street	Volusia	Sonya Eggerton	seggerton@sseteam.com	386.428.8875	FL
520	STABIL Concrete Products, LLC					Precast Platforms	4451 8th Ave. South, St. Petersburg, FL 33711	St. Petersburg	Alex Guthrie	aguthrie@stabilconcrete.com	228.365.3419	FL
	STABIL Concrete Products, LLC					Architctural Precast	4450 8th Ave. South St. Petersburg, FL 33711	St. Petersburg	Alex Guthrie	aguthrie@stabilconcrete.com	228.365.3418	FL
521	Stainless Fabricators, Inc.					Structural Steel & Misc. Metals	11107 Challenger Ave., Odessa, FL 33556	Odessa	Scott Binney	scott@stainlessfabinc.com	813.926.7113	FL
522	Stanley Convergent Security Solutions					Alarm Systems	6955 Golden Ring Rd.	Rosedale	John Bellistri	john.bellistri@sbdinc.com	301.252.1948	MD
523	State-Line Products of South Florida, Inc.					Firestopping	3021 NW 25th Ave.	Pompano Beach	Hank Vogel	hvogel@statefire.com	954.971.0791	FL
524	Steel Fab Inc.					Structural Steel & Misc. Metals	8623 Old Dowd Rd., Charlotte, NC 28214	Charlotte	Sam Boykin	sboykin@steelfab-inc.com	404.867.6865	NC
525	Steel Fabricators, L.L.C. (Fabsouth)					Structural Steel & Misc. Metals	721 NE 44th St., Ft. Lauderdale, FL 33334	Ft. Lauderdale	Sidney Blaauw	sblaauw@sfab.com	954.658.0929	FL
526	Steel Service Corporation					Steel	2260 Flowood Dr.	Flowood	James Souza	jsouza@steelservice.com	601.939.9222	FL
527	Step Up Design					Printing Services	2751 Absher Rd.	St. Cloud	Troy Downs	troy@stepupdesign.com	954.782.0527	FL
528	Sterling Silver Scape & Sod, Inc.	✓		✓		Interior Landscape Plants & Accessories	2201 Partin Settlement Road	Kissimmee	Debbie Dyer	ddyer@sterlingsilverlandscaping.com	407-846-3225	FL
529	Stonhard, Division of StonCor Group, Inc.					Access Flooring	1000 East Park Avenue, Maple Shade, NJ 08052	Maple Shade	Frank Sales	fsales@stonhard.com	407.461.7940	NJ
	Stonhard, Division of StonCor Group, Inc.					Resilient Flooring/Carpet	1000 East Park Avenue, Maple Shade NJ 08052	Maple Shade	Frank Sales	fsales@stonhard.com	407.461.7940	NJ
530	Structured Cabling Solutions, Inc.	✓		✓		Audio Visual	185 Drennen Rd. #307, Orlando, FL 32806	Orlando	Alain Gonzalez	alaing@cabling-solutions.com	407.557.8995	FL
	Structured Cabling Solutions, Inc.	✓		✓		CCTV	185 Drennen Rd. #307 Orlando, FL 32806	Orlando	Alain Gonzalez	alaing@cabling-solutions.com	407.557.8995	FL
	Structured Cabling Solutions, Inc.	✓		✓		Security	185 Drennen Rd. #307 Orlando, FL 32806	Orlando	Alain Gonzalez	alaing@cabling-solutions.com	407.557.8995	FL
	Structured Cabling Solutions, Inc.	✓		✓		Telecom	185 Drennen Rd. #307 Orlando, FL 32806	Orlando	Alain Gonzalez	alaing@cabling-solutions.com	407.557.8995	FL
531	Structurflex, LLC					Aluminum Walkway	140 Walnut Street, Suite 201, Kansas City, MO 64106	Kansas City	Bart Dreiling	bdreiling@structurflex.com	816.889.9000	MO
532	Sunbelt Metals & Manufacturing, Inc.					Structural Steel & Misc. Metals	920 S. Bradshaw Rd., Apopka, FL 32703	Apopka			407-889-8960	FL
533	Sunbelt Rentals, Inc.					Scaffolding	4180 N. Orange Blossom Trail, Orlando, FL 32804	Orlando	Scott Scruby		407.467.0504	FL
	Sunbelt Rentals, Inc.					Equipment rental	4180 N Orange Blossom Trail, Orlando FL 32804	Orlando	Scott Scruby		407.467.0504	FL
534	Sunshine Crane Rental Corporation					Equipment rental	2093 Apopka Blvd., Apopka, FL 32703	Apopka	David Hall	dhall@allssunshinecranerental.com	407.358.6268	FL
535	Super Sky Products Enterprises, LLC					Skylight	10301 N. Enterprise Dr., Mequon, WI 53092	Mequon	Rod Kivioja	rodsk@supersky.com	262.242.2000	WI
536	Superior Rigging and Erecting Co.					Millwrighting	11244 Boggy Creek Road	Orlando			407-730-8886	FL
	Superior Rigging and Erecting Co.					Rental	11244 Boggy Creek Road	Orlando			407-730-8886	FL
	Superior Rigging and Erecting Co.					Specialized Rigging	11244 Boggy Creek Road	Orlando			407-730-8886	FL
	Superior Rigging and Erecting Co.					Heavy Transport	11244 Boggy Creek Road	Orlando			407-730-8886	FL
	Superior Rigging and Erecting Co.					Steel Erecting	11244 Boggy Creek Road	Orlando			407-730-8886	FL
537	Sutter Roofing Company of Florida					Metal Roofing System, Mod Bit Roofing	4085-B LB McCleod Rd., Orlando, FL 32811	Orlando	John Kenney	johnk@sutterroofing.com	407.367.4500	FL
538	T & G Corporation d/b/a T & G Constructors	✓				General Contractor	8348 NW 56th St	Doral	Justin McCullough	jmcullough@t-and-g.com	407-392-2231	FL
539	T & T Construction of Central Fla., Inc.	✓		✓		Concrete Foundations & Earthwork	340 Oleander Way, Casselberry, FL 32707	Casselberry	Danny Headrick	danny.headrick@ttcFLcom	407.831.5506	FL
	T & T Construction of Central Fla., Inc.	✓		✓		Masonry	340 Oleander Way, Casselberry, FL 32707	Casselberry	Danny Headrick	danny.headrick@ttcFLcom	407.831.5506	FL
	T & T Construction of Central Fla., Inc.	✓		✓		Structural Concrete (Columns/Walls/Stairs/SOD)	340 Oleander Way, Casselberry, FL 32707	Casselberry	Danny Headrick	danny.headrick@ttcFLcom	407.831.5506	FL
540	Tagarelli Construction, Inc.					Waterproofing/Joint Sealants/Foundation	53 W. Tarpon Ave., Tarpon Springs, FL 34689	Tarpon Springs	Les Mouzon	tagarelli@verizon.net	727.937.6171	FL
541	Tarten-X, Inc. d/b/a McLean Lightning Protection	✓		✓		Waterproofing	18735 E. Colonial Dr. #116, Orlando, FL 32820	Orlando	Janie Bachman	lightning@mcleanlp.com	407.568.2782	FL
542	Tate Ornamental, Inc.					MISC. Metals	4117 Industrial Drive	White House	Charlie James	cjames@tateornamental.com	615-672-0348	TN
543	Taylor-Cotton-Ridley, Inc.					Door Frames/Hardware	1904 Brengle Ave., Orlando, FL 32808	Orlando	Lyndea Drury	ldrury@taylorcottonridley.com	407.298.5114	FL
544	Tech Ready Mix, Inc.					Concrete	5000 Crayton Ave.	Cleveland	Mark Perkins	mperkins@techreadymix.com	216.361.5000	OH
545	Tendon Systems, LLC					Steel, Grouting, Concrete, Railings	1255 Highway 23 Northwest Suite 204	Suwanee	Carla Rarno	cramo@tendonlic.com	678.835.1100	GA
546	Terracon Consultants, Inc.					Quality Control/Materials Testing	1675 Lee Rd., Winter Park, FL 32789	Winter Park	Leila Nodarse	leila.nodarse@terracon.com	407.740.6110	FL
547	Terrazzo USA and Associates, Inc			✓		Terrazzo	9532 Towry Court	Oklahoma City	Sherry Hill	sherry@terrazzousa.com	405-964-3547	OK
548	Tharp Plumbing Systems					Plumbing	625 Wilmer Ave., Orlando, FL 32808	Orlando			407.295.2370	FL

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Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
549 The Goettle Co.					Auger Cast Piles	12071 Hamilton Avenue, Cincinnati, OH 45231	Cincinnati	Brian Heck	mhauser@goettle.com	513.825.8100	OH
550 The Lane Construction Corporation					Earthworks	995 N. Goldenrod Rd., #A, Orlando, FL 32807	Orlando	Thomas Larson	trlarson@laneconstruct.com	203.235.2351	FL
The Lane Construction Corporation					Access Roads/Storage Yards	995 N. Goldenrod Rd #A, Orlando, FL 32807	Orlando	Thomas Larson	trlarson@laneconstruct.com	203.235.2351	FL
The Lane Construction Corporation					Structural Concrete (Columns/Walls/Stairs/SOD)	995 N. Goldenrod Rd #A, Orlando, FL 32807	Orlando	Thomas Larson	trlarson@laneconstruct.com	203.235.2351	FL
551 The Middlesex Corporation					Earthworks	10801 Cosmonaut Blvd., Orlando, FL 32824	Orlando	Taylor Cox	tc Cox@middlesexco.com	978.742.4400	FL
The Middlesex Corporation					Abutments & MSE Walls	10802 Cosmonaut Blvd. Orlando FL 32824	Orlando	Taylor Cox	tc Cox@middlesexco.com	978.742.4401	FL
The Middlesex Corporation					Access Roads/Storage Yards	10803 Cosmonaut Blvd. Orlando FL 32824	Orlando	Taylor Cox	tc Cox@middlesexco.com	978.742.4402	FL
The Middlesex Corporation					Asphalt Pavement & Markings	10805 Cosmonaut Blvd. Orlando FL 32824	Orlando	Taylor Cox	tc Cox@middlesexco.com	978.742.4404	FL
The Middlesex Corporation					Precast Driven Piles & Earthwork	10806 Cosmonaut Blvd. Orlando FL 32824	Orlando	Taylor Cox	tc Cox@middlesexco.com	978.742.4405	FL
The Middlesex Corporation					Structural Concrete (Columns/Walls/Stairs/SOD)	10807 Cosmonaut Blvd. Orlando FL 32824	Orlando	Taylor Cox	tc Cox@middlesexco.com	978.742.4406	FL
552 The Miller-Clapperton Partnership, Inc.					Five T Co, NRG Cladding, Miller Clapperton	7948 Second Flag Dr., Austell, GA 30168	Austell	Natasha Cordell	bids@millerclapperton.com	770.405.1087	GA
553 The Namm Group, Inc. d/b/a Artistic Surfaces					Terrazzo	1591 N. Powerline Rd., Suite D, Pompano Beach, FL 33069	Pompano Beach	Bruce Carney	brucec@artisticsurfaces.com	954.968.1700	FL
554 The New Florida Industrial Electric, Inc.					Electrical	291 Specialty Point, Sanford, FL 32771	Sanford			407.331.1551	FL
555 The Polote Corporation			✓		Structural Concrete (Columns/Walls/Stairs/SOD)	2 E Bryan St., Suite 400, Savannah, GA 31401	Savannah	Benjamin Polote Sr.	bpolotesr@polote.com	912.232.1188	GA
556 The Precision Companies (PMI)					Mechanical	3975 E Railroad ave.	Cocoa	Lisa Durette	lisa.durette@precweb.com	321-394-2829	FL
557 The Shepherd Company LLC			✓		General Contractor	312 Marshal Avenue	Laurel	Akin Ajuwon	akin.ajuwon@theshepherdcompany.com	202.848.8275	MD
558 The Stowell Company					Ceramic Tile & Stone	1814 North 15th Street	Tampa	Bill Shumaker	bshumaker@stowellinc.com	407-466-6659	FL
559 Thomas Sign and Awning Company, Inc.					Signage (Int & Ext)	4590 118th Ave. N., Clearwater, FL 33762	Clearwater	Stephanie McKenzie	stephanie.mckenzie@thomassign.com	800.526.3325	FL
560 Thyssenkrupp					Elevators/Escalators	2456 Commerce Park Dr., #450, Orlando, FL 32819	Orlando			407.370.0546	FL
561 Titan Reinforcing					Structural Concrete (Columns/Walls/Stairs/SOD)	1540 Aber Road, Orlando, FL 32807	Orlando		estimating@titanreinforcing.com	513.539.4163	FL
562 Titus Construction Group					Acoustical Ceilings	121 S. Orange Ave., Suite 1500, Orlando, FL 32801	Orlando	Chris Melecio	cmelecio@titusbuild.com	407.796.8289	FL
Titus Construction Group					Drywall	120 S. Orange Ave. Suite 1500 Orlando, FL 32801	Orlando	Chris Melecio	cmelecio@titusbuild.com	407.796.8288	FL
Titus Construction Group					Metal Panels & Column Covers	121 S. Orange Ave. Suite 1500 Orlando, FL 32801	Orlando	Chris Melecio	cmelecio@titusbuild.com	407.796.8289	FL
563 Toole Industrial Supply dba Toole Floor Coating Co.					Epoxy Flooring	2709 Upland Court	Albany	William Leblanc	bleblanc@toolefloors.com	407-417-1735	GA
564 Torres Total Flooring, Inc.	✓				Carpet & Resilient Flooring	6509 North Himes Avenue	Tampa	William Flemming	william@torrestotalflooring.com	813-512-7357	FL
565 Transcrete Services, Inc.	✓	✓	✓		Flooring	2805 Summerfield Rd.	Winter Park	Johanna Lixey	johanna@transcreateservices.com	407.488.0742	FL
566 Trex Commercial Products					Ornamental Metals	7008 Northland Dr N	Minneapolis	Brian Elliott	bellott@trexcommercial.com	763-231-7134	MN
567 Tri-City Electrical Contractors, Inc.					Electrical	430 West Drive	Altamonte Springs	Jack Olmstead	jack.olmstead@tcelectric.com	407.788.3500	FL
568 Trinity Construction Management, LLC	✓				Overhead Doors	2246 Destiny Way	Odessa	Alex Vazquez	avasquez@tcmllc.com	727-645-6901	FL
569 Trinity Eco Energy Solutions LLC	✓				Fuel Delivery	1746 E. Silver Star Rd., Ocoee, FL 34761	Ocoee	Kevin Davis		407.844.2769	FL
570 TruTeam					Fire Proofing/ Stopping	260 Jimmy Ann Dr	Daytona	Matthew Mckenzie	matthew.mckenzie@truteam.com	770-294-7772	FL
571 Turner - Huntsville SPO					Misc Metals	336 James Record Rd SW	Huntsville	Mark Joseph	mjoseph@tcco.com	256-503-1010	AL
572 Tuttle A Dant Clayton Division					Ornamental Metals	120 Shadowlawn Dr	Fishers	Alex Tuttle	atuttle@tuttlerailings.com	317-842-2420	IN
573 TWS Fabricators					Structural Steel & Misc. Metals	3535 SW 50th Ave., Davie, FL 33314	Davie			954.983.9749	FL
574 UCC Group, Inc.					Interior Landscape Plants & Accessories	500 West Sand Lake Road	Orlando	Graham Duthie	gduthie@uccgroup.com	321-689-2667	FL
575 Unified Services of Texas, Inc.					Diesel Fuel Transfer & Storage Systems	2110 Greenbriar Dr.	Southlake	James Robinett	jrobinett@ustg.com	816-888-5000	TX
576 United Forming					Concrete	470 RIVERSIDE PARKWAY	AUSTELL	Michael Jordan	mjordan@unitedforming.com	407.536.5400	GA
577 United Skys, Inc.					Skylight	702 Magna Dr., Round Lake, IL 60073	Round Lake	Beau Crandall	beau@unitedskys.com	847.546.7776	IL
578 United Visual Branding					Signage	206 Tower Dr	Oldsmar	Glenn Ramanaukas	ungram1@aol.com	9178310364	FL
579 United Wall Systems				✓	Acoustical & Metal Ceilings	1165 E. Plant St., Suite 9	Winter Garden	Jeff Albright	jalbright@unitedwalls.com	407-493-2254	FL
580 Universal Engineering Sciences, Inc.					Quality Control/Materials Testing	3532 Maggie Boulevard, Orlando, FL 32811	Orlando	Christiane Nelson	cnelson@universalsignsengineering.com	407.423.0504	FL
581 Universal Sign, Inc.					Signage (Int & Ext)	5001 Falcon View SE, Grand Rapids, MI 49512	Grand Rapids	Nate Zevenbergen	natez@universalsignsystems.com	616.554.9999	MI
582 V&R Enterprise of Jacksonville, Inc.			✓		General Contractor	1240 N. Pine Hills Rd.	Orlando	Valentina Williams	vrenterprisesinc@gmail.com	904.383.5290	FL
583 Valiant Products, Inc.					Trash Chutes	939 Quincy St.	Lakeland	Byron English	byron@valiantproductsinc.com	863-266-7998	FL
584 Vanderlande Industries					Baggage Handling	1975 West Oak Circle, Marietta, GA 30062	Marietta	Don Keel	don.keel@vanderlande.com	770.250.2780	GA
585 Verde Construction Managers, LLC	✓				General Contractor	976 Lake Baldwin Lane, Suite 102	Orlando	Alexander Rey	arey@constructverde.com	407.590.4789	FL
586 Ver-Tex Construction Specialties					Roller Window Shades	45 Dan Rd, 350	Canton	Jon Harrington	jharrington@ver-tex.com	305-424-8525	MA
587 Veteran Scapes, Inc.	✓	✓	✓		Interior Landscape Plants & Accessories	4022 Rex Dr	Winter Garden	Bert Mejias	bert@veteranscapes.com	407-492-7391	FL
588 Vigneaux Corporation					Overhead Doors	5863 W Beaver St	Jacksonville	Joseph Cangialosi	josephc@vigneaux.com	732-266-3170	FL
589 Vintage Painting, Inc.					Paint/Special Coatings	413 Oak Place, Suite 4-1, Port Orange, FL 32127	Port Orange	Norman Turner	normant@vintagepaintinginc.com	386.760.0611	FL
590 Vital Signs of Orlando, Inc.			✓		Signage	7806 North Orange Blossom Trail	Orlando	David New	david@vitalsignorlando.com	407-297-0680	FL
591 Viva Railings	✓				Decorative Metal Railings	1454 Halsey Wat	Carrilton	Huzefa Tinwala	ht@vivarailings.com	972.353.8482	TX
592 VMG Construction Inc.	✓				Concrete & Misc. GC	43 1st Street	Winter Garden	Adolfo Galvan	adolfo@vmgconstructioninc10.com	407-683-3346	FL
593 Votum Construction LLC	✓		✓		General Contractor	711 W Amelia St, Suite 1	Orlando	Vernice Atkins-Bradley	info@votumllc.com	407-704-1743	FL
594 VSC Fire & Security					Fire Protection	6852 Hanging Moss Rd., Orlando, FL 32807	Orlando	Samuel Logue	slogue@vscfs.com	407.679.3332	FL
595 W.W. Gay Mechanical Contractor Inc.					Mechanical/Plumbing	524 Stockton Street	Jacksonville	Scott Bohn	sbohn@wwgmc.com	904.388.2696	FL
596 Wal-Mark Contracting Group, LLC					Drywall	3629 Silver Star Rd., Orlando, FL 32808	Orlando	Vicki Yonke	vyonke@wm.nceusa.com	813.347.4710	FL
Wal-Mark Contracting Group, LLC					Acoustical Ceilings	3630 Silver Star Rd. Orlando, FL 32808	Orlando	Vicki Yonke	vyonke@wm.nceusa.com	813.347.4711	FL
597 Walt Dittmer & Sons, Inc. d/b/a Dittmer Arch. Aluminum					Metal Panels & Column Covers	1006 Shepard Road, Winter Springs, FL 32703	Winter Springs	Denise	denise@dittdeck.com	407.699.1755	FL
598 Walton Signage Ltd.					Signage	10101 Reunion Place, Suite 500	San Antonio	Craig Beach	cbeach@waltonsignage.com	267-254-4721	TX
599 Waste Management, Inc.					Trash Removal	3310 Rio Vista Ave., Orlando, FL 32805	Orlando	Rick Stevens	rstevens2@wm.com	407.922.1506	FL
600 Waterproofing Specialists, Inc.				✓	Waterproofing / Caulking / Stucco	3142 Lenox Avenue	Jacksonville	Michael Dickens	mgd0711@gmail.com	904-389-7261	FL
601 Wendt Productions, Inc. d/b/a Wendt Pro			✓		Div10 Specialties/Toilet Accessories	17300 Solie Road, Odessa, FL 33556	Odessa	Susan Wendt	swendt@wendtpro.com	813.920.4999	FL
Wendt Productions, Inc. d/b/a Wendt Pro			✓		Safety Equipment Supplier	17301 Solie Road, Odessa, FL 33556	Odessa	Susan Wendt	swendt@wendtpro.com	813.920.5000	FL
602 Westbrook Service Corporation					Commercial HVAC Services	1411 S. Orange Blossom Trail	Orlando	Brian King	bking@westbrookfl.com	407-841-3310	FL
Westbrook Service Corporation					Commercial Electrician	1411 S. Orange Blossom Trail	Orlando	Brian King	bking@westbrookfl.com	407-841-3310	FL
Westbrook Service Corporation					Commercial Plumbing Services	1411 S. Orange Blossom Trail	Orlando	Brian King	bking@westbrookfl.com	407-841-3310	FL
Westbrook Service Corporation					Gas Services	1411 S. Orange Blossom Trail	Orlando	Brian King	bking@westbrookfl.com	407-841-3310	FL
Westbrook Service Corporation					HVAC Construction Services	1411 S. Orange Blossom Trail	Orlando	Brian King	bking@westbrookfl.com	407-841-3310	FL
603 West Tampa Glass Company					Glazing/Curtainwall Systems & Skylights	2705 N. 35th St., Tampa, FL 33605	Tampa	Roger Campla	rcampla@westtampglass.com	813.247.5528	FL
West Tampa Glass Company					Interior Glazing	2705 N. 35th St. Tampa, FL 33605	Tampa	Roger Campla	rcampla@westtampglass.com	813.247.5528	FL
604 Wheels to Wings Transport d/b/a NextGen Dev. Group	✓	✓	✓	✓	General Contractor	7010 Lake Nona Blvd., Suite 354	Orlando	Michael McKenzie	w2wings@gmail.com	321.229.7794	FL

PREQUALIFIED SUBCONTRACTORS/SUPPLIERS
Previously PSC Approved

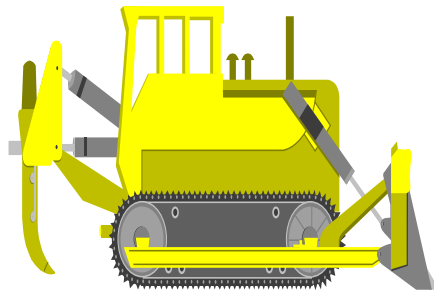
	Company Name	MWBE	LDB	DBE	SDVOBE	Trades	Address1	City	Contact	Email	Phone	State
605	White Sign Company, LLC					Signage	909 S. Charles Richard Beall Blvd., Suite A	Debary	Joel White	jwhite@whitesigncompany.com	386.320.0623	FL
606	WI Holdings, Inc. dba Window Interiors	✓				Window Treatments	947 Josiane Court, Suite 1010	Altamonte Springs	Sandra Saft	ssaft@windowinteriors.com	407.539.1303	FL
607	Wiginton Fire Systems					Fire Protection	699 Aero Lane	Sanford	Ron Theison	rjt@wiginton.net	407-585-3255	FL
608	Williams Scotsman, Inc.					Office Trailers	801 Jetstream Drive, Orlando, FL 32824	Orlando	Jerry	jerry.flanigan@as.willscot.com	800.782.1500	FL
609	WonDoor Corporaton					Fire Doors	1865 South 3480 West	Salt Lake City	Ted Decker	sales@wondoor.com	801-973-7500	UT
610	WP Underground Utilities LLC			✓		Abutments & MSE Walls	2475 Palm Bay Rd., Suite 145 #14, Palm Bay, FL 32905	Palm Bay	Henry Patten Jr.		321.473.8317	FL
611	Wurster Engineering & Construction Inc.					Shotcrete, Micropile, Auger Cast	34 Carrie Dr.	Greenville	Daryl Wurster	daryl.wurster@wursterinc.com	864.627.7751	SC
		196	95	191	4							



CONSTRUCTION PROGRESS REPORT

For Board Meeting of June 20, 2020

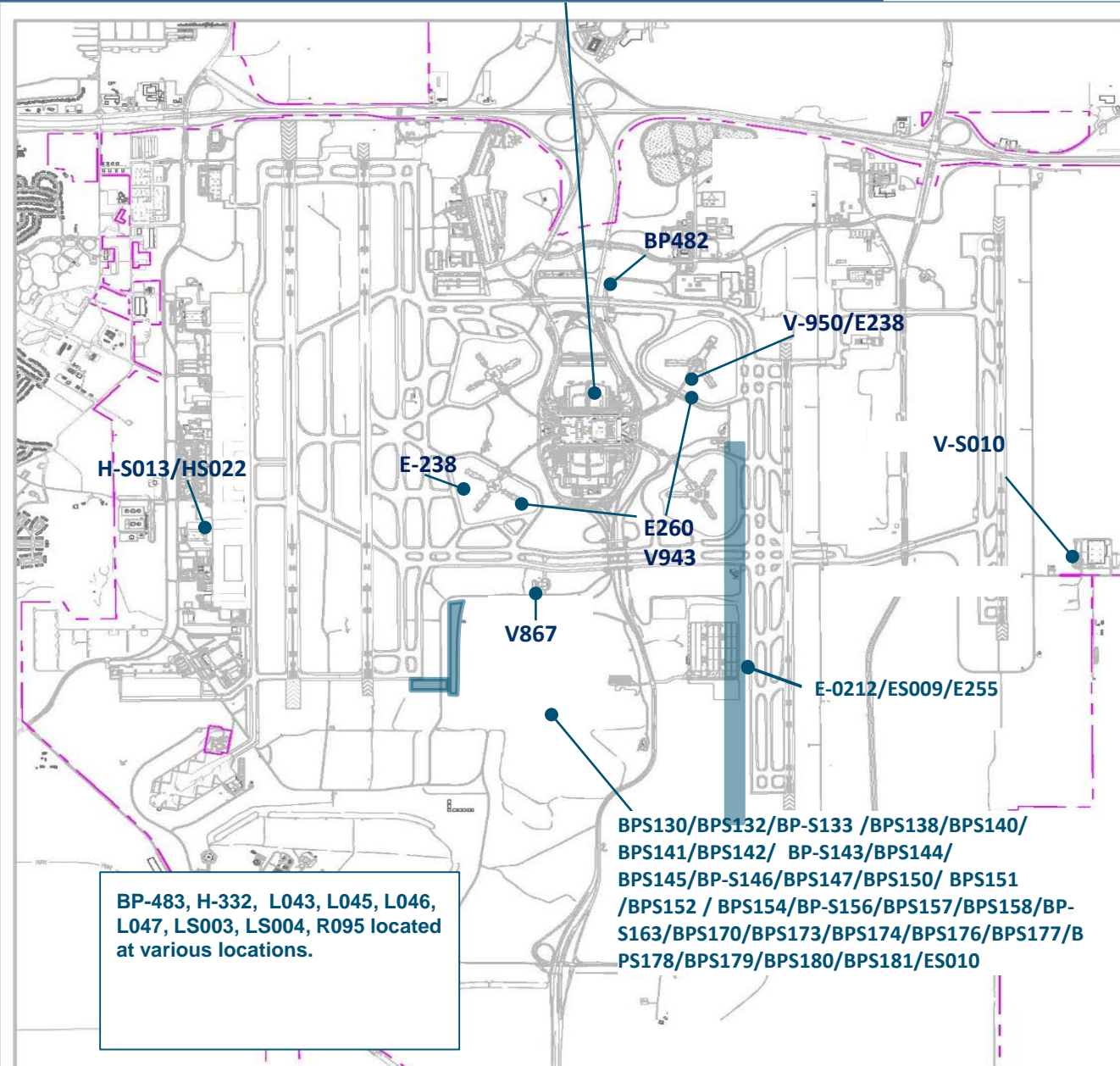
ORLANDO INTERNATIONAL AND EXECUTIVE AIRPORTS



MCO LOCATION MAP FOR ACTIVE CONSTRUCTION PROJECTS

Project No	Description	Contractor (Vendor)
BP-00482-MCO	GATE E-50 & CHECKPOINT CHARLIE DEVELOPMENT	Carr & Collier Inc.
BP-00483-MCO	INTRUSION DETECTION SYS. & POND SECURITY FENCING (D/B)	R. L. Burns, Inc.
BP-00484-MCO	NORTH TERMINAL CENTRAL PLANT EQUIPMENT REPLACEMENT – COOLING TOWERS	Gomez Construction Company
BP-00485-MCO	HYATT LOBBY RENOVATION (DESIGN/BUILD)	The Weitz Company LLC
BP-00486-MCO	RUNWAY 18L-36R REHABILITATION AND RELATED WORK	Hubbard Construction Company
BP-S00132-MCO	BAGGAGE HANDLING SYSTEM (DBOM)	Vanderlande Industries, Inc.
BP-S00137-MCO	TURNER-KIEWIT GENERAL CONDITIONS FY2020 (GMP#4-S.4)	Turner-Kiewit Joint Venture
BP-S00139-MCO	LANDSIDE SITE UTILITIES AND BALANCE OF SITEWORK (GMP#5-S.2)	Turner-Kiewit Joint Venture
BP-S00141-MCO	LANDSIDE CONVEYING EQUIPMENT (GMP 5-S.4)	Turner-Kiewit Joint Venture
BP-S00143-MCO	AIRSIDE TERMINAL, STRUCTURE & ENCLOSURE (GMP#6-S.1)	Hensel Phelps Construction
BP-S00144-MCO	AS TERM, ENCLOSURES AND EXT FINISHES (GMP#6-S.2)	Hensel Phelps Construction
BP-S00145-MCO	AIRSIDE TERMINAL, EARLY INTERIORS (GMP#6-S.3)	Hensel Phelps Construction
BP-S00146-MCO	LANDSIDE TERMINAL STRUCTURE AND ENCLOSURE (GMP#7-S)	Turner-Kiewit Joint Venture
BP-S00147-MCO	LANDSIDE TERM. REMAINING STRUCTURE & SYSTEMS (GMP#7-S.1)	Turner-Kiewit Joint Venture
BP-S00148-MCO	LANDSIDE TERMINAL FINISHES (GMP#7-S.2)	Turner-Kiewit Joint Venture
BP-S00149-MCO	GROUND TRANSPORTATION FACILITY (GTF) - FDOT (GMP#8-S)	Turner-Kiewit Joint Venture
BP-S00151-MCO	PARKING FACILITY PHASE 2 (GMP#9-S.1)	Turner-Kiewit Joint Venture
BP-S00154-MCO	FUELING SYSTEM (GMP#11-S)	Hensel Phelps Construction
BP-S00156-MCO	CENTRAL ENERGY PLANT AND EPG BUILDING (GMP#14-S)	Turner-Kiewit Joint Venture
BP-S00157-MCO	GROUND SUPPORT SERVICES (GMP#15-S)	Hensel Phelps Construction
BP-S00158-MCO	CHECKPOINT DELTA (GMP#17-S)	Turner-Kiewit Joint Venture
BP-S00163-MCO	ENPLANE/DEPLANE BRIDGE & ROADWAYS BALANCE OF WORK-FDOT (GMP#5-S.5)	Turner-Kiewit Joint Venture
BP-S00166-MCO	HP GENERAL CONDITIONS FY2020 (GMP#16-S.4)	Hensel Phelps Construction
BP-S00168-MCO	AIRSIDE TERMINAL INTERIORS FINISHES AND SPECIALTIES (GMP#6-S.4)	Hensel Phelps Construction
BP-S00170-MCO	UNDERGROUND ELECTRICAL DISTRIBUTION (GMP#5-S.6)	Turner-Kiewit Joint Venture
BP-S00172-MCO	SOUTH EMPLOYEE LOT	Valencia Construction Group, Inc.
BP-S00173-MCO	LANDSIDE TERMINAL MEP SYSTEMS - (GMP#7-S.3)	Turner-Kiewit Joint Venture
BP-S00176-MCO	SITE LOGISTICS RELOCATION (GMP#18-S)	Turner-Kiewit Joint Venture
BP-S00177-MCO	S TERM C, PH 1 - AIRSIDE EME (GMP #6-S.5)	Hensel Phelps Construction
BP-S00178-MCO	S TERM C, PH 1 - AIRFIELD CIVIL (GMP 19-S)	Turner-Kiewit Joint Venture
BP-S00179-MCO	AIRSIDE CONCOURSE (GMP#6-S.6)	Hensel Phelps Construction
BP-S00180-MCO	LANDSIDE EME (GMP#7-S.4)	Turner-Kiewit Joint Venture
BP-S00181-MCO	GROUND TRANSPORTATION FACILITY (GTF) (GMP#8-S.1)	Turner-Kiewit Joint Venture
E-00238-MCO	AS4 FIRE PUMP REPLACEMENT	Electric Services, Inc.
E-00239-MCO	MISC LIGHT FIXTURES FOR PARKING GARAGES A, B & TERMINAL TOP	BergElectric Corp.
E-00260-MCO	AIRSIDE 2 & 4 APM GENERATOR REFURBISHMENT	Electric Services, Inc.
E-00262-MCO	REPLACE POD E CLUTCH BRAKES WITH VFDS D/B	Electric Services, Inc.
E-00264-MCO	NORTH PARK PLACE LIGHT POLE REPLACEMENT	Transportation Systems, Inc.
E-S00009-MCO	RUNWAY 17L FAA ALSF-2 MODIFICATIONS	H. L. Pruitt Corporation
H-00299-MCO	AOA SECURITY FENCE UPGRADE	Inc.
H-00330-MCO	DELTA PROVISIONS FENCE INSTALLATION	Carr & Collier Inc.
H-00331-MCO	A AND B SIDE QTA SITE IMPROVEMENTS	Cathcart Construction Company
H-00332-MCO	MCO EMPLOYEE PARKING BUS LOOP PAVEMENT REHABILITATION - PHASE 2	Valencia Construction Group, Inc.
H-S00013-MCO	HBJ BUILDING FIRE WATER LINE TIE-IN	Carr & Collier Inc.
H-S00021-MCO	RELOCATION OF RIB MATERIAL FOR STC AIRFIELD	Valencia Construction Group, Inc.
H-S00022-MCO	HBJ WAREHOUSE FENCE INSTALLATION	Carr & Collier Inc.
L-00043-MCO	ON-CALL LOW VOLTAGE SERVICES (FY20-ARCHIS)	Archis Technologies
L-00045-MCO	ON-CALL LOW VOLTAGE SERVICES (FY20-QCC)	Quality Cable Contractors, Inc.
L-00046-MCO	ON-CALL LOW VOLTAGE SERVICES (FY20-ORION)	Orion Management Services, LLC
L-00047-MCO	ON-CALL LOW VOLTAGE SERVICES (FY20-OBT)	OBT, Inc.
L-00051-MCO	ON-CALL LOW VOLTAGE SERVICES (FY20-ACCI)	Advanced Cable Connection, Inc.
L-S00003-MCO	ON-CALL LOW VOLTAGE SERVICES (FY20-ORION) FOR SAPM/ITF	Orion Management Services, LLC
L-S00004-MCO	ON-CALL LOW VOLTAGE SERVICES (FY20-OBT) FOR SAPM/ITF	OBT, Inc.
R-00096-MCO	MCO SKYLIGHT REPAIRS AT GREAT HALL	Advanced Roofing, Inc.
R-00097-MCO	ON-CALL EMERGENCY ROOF REPAIRS AND WATERPROOFING MAINTENANCE	P&A Roofing
V-00906-MCO	WEST CHECKPOINT VIDEO WALLS	H. W. Davis Construction, Inc.
V-00931-MCO	HYATT FCU PANEL RELOCATIONS ON 8TH AND 9TH FLOORS	Gomez Construction Company
V-00935-MCO	ADDITIONAL CATWALK FOR WEST END BHS D/B	Gomez Construction Company
V-00943-MCO	AIRSIDES 2 & 4 GUIDEWAY RUNNING SURFACE REFURBISHMENT (D/B)	Gomez Construction Company
V-00945-MCO	AIRSIDE 4 GATE DOOR UPGRADES	H. W. Davis Construction, Inc.
V-00951-MCO	A AND B SIDE QTA EQUIPMENT UPGRADES	Gomez Construction Company
V-00952-MCO	QTA BUILDING A1, A2 & A3 UPGRADES	The Collage Companies
V-00953-MCO	QTA BUILDING B1 & B2 UPGRADES	T&G Constructors
V-00962-MCO	AIRSIDES 3 AND 4 SERVICE ANIMAL RELIEF AREA (SARA)	H. W. Davis Construction, Inc.
V-S00010-MCO	HBJ WAREHOUSE INTERIOR RENOVATIONS (DESIGN/BUILD)	Gomez Construction Company

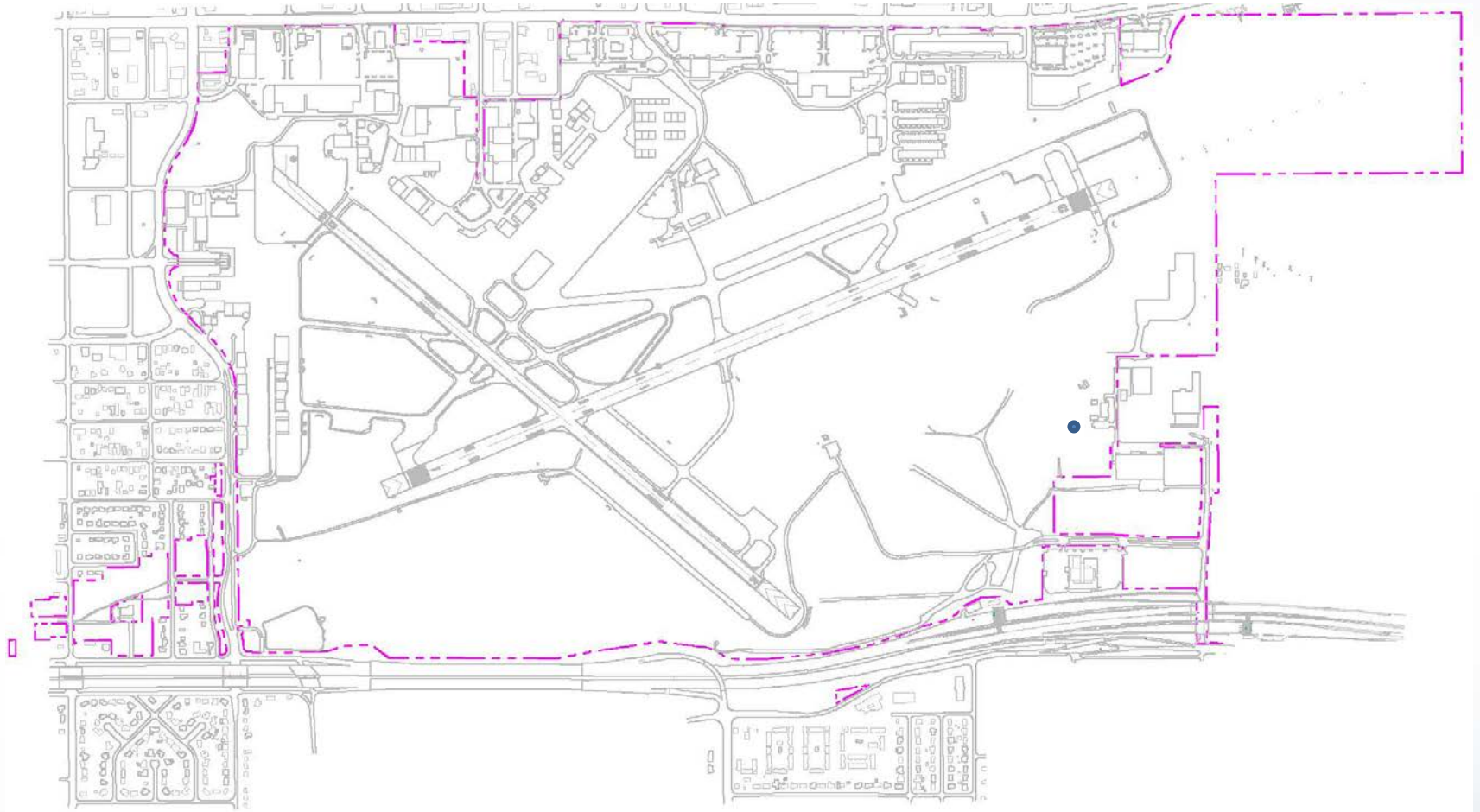
BP483/BP484/BP485/E-239/E261/E-262/E264/E265/L049/R-096/V906/
V-931/V935/V-943/V945/V951/V952/V962



BP-483, H-332, L043, L045, L046, L047, LS003, LS004, R095 located at various locations.

**BPS130/BPS132/BP-S133 /BPS138/BPS140/
BPS141/BPS142/ BP-S143/BPS144/
BPS145/BP-S146/BPS147/BPS150/ BPS151
/BPS152 / BPS154/BP-S156/BPS157/BPS158/BP-
S163/BPS170/BPS173/BPS174/BPS176/BPS177/B
PS178/BPS179/BPS180/BPS181/ES010**

Orlando Executive Airport June 2020 – No active projects



PROJECTS IN CONSTRUCTION

BP-00482-MCO GATE E-50 & CHECKPOINT CHARLIE DEVELOPMENT

CONTRACTOR:	Carr & Collier Inc.	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Davin Ruohomaki
FUNDING:	Cap. Ex. (Capital Expenditure Fund)	PROJECT COST:	\$5,997,689.00

SCOPE: This project is to develop and construct Gate E-50, Checkpoint Charlie, and other associated improvements in a permanent location just south of the intersection of Cargo Road and Casa Verde Drive. The proposed location avoids conflicts with known future improvements.

STATUS: Reroute of Casa Verde Road is still in place. Installation of storm drainage on the south side of project is complete, all new main storm lines complete. Foundations for canopies are complete, with column installation to begin. Building foundations complete. Fill to bring site to grade is in progress in preparation for building slab placement. Installation of site electrical and site plumbing is in progress. Coordination with OUC Water and OUC Electric continues. Owner Furnished material has been ordered.

NOTICE TO PROCEED: 10/21/19

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$4,656,900.00		220	05/27/20
Thru Change Order #	4	\$369,084.91	7.9%	<u>97</u>	
Current Contract		\$5,025,984.91		317	09/01/20
Paid To Date Thru PA #	7	\$2,343,389.25	46.6%	Time: 67.2%	

**ANTICIPATED
COMPLETION:
8/20/2020**

PROJECTS IN CONSTRUCTION

BP-00483-MCO INTRUSION DETECTION SYS. & POND SECURITY FENCING (D/B)

CONTRACTOR: R. L. Burns, Inc.

A/E: Kimley-Horn and Associates, Inc.

OAR: PSA Management Inc.

FUNDING:

FDOT FM 438486, CIR00248

GOAA CONTACTS:

Sponsor: Security

Construction: Mike Patterson

PROJECT COST: \$2,692,658.00

SCOPE: Install security fencing between the Secure areas of the airport and the public accessible areas at the Orlando International Airport. The area affected by this project separates public space from Airsides 1 and 3.

STATUS: Clearing for fence post installation in-progress. Delay in shipping fence materials will extend the project duration. Fence posts were delivered on May 5, 2020. Installation started on May 11, 2020 and continues.

NOTICE TO PROCEED: 09/24/18

CONSTRUCTION COST:

Original Contract		\$1,876,847.00	
Thru Change Order #	1	\$461,424.42	24.6%
Current Contract		\$2,338,271.42	
Paid To Date Thru PA #	8	\$344,786.66	14.7%

TIME(DAYS)

180
<u>424</u>
604
Time: 100.2%

COMPLETION

03/22/19
05/19/20

ANTICIPATED COMPLETION: 7/31/2020
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PROJECTS IN CONSTRUCTION

BP-00484-MCO NORTH TERMINAL CENTRAL PLANT EQUIPMENT REPLACEMENT – COOLING TOWERS

<p>CONTRACTOR: Gomez Construction Company</p> <p>A/E: Matern Professional Engineering, Inc.</p> <p>OAR: Geotech Consultants International, Inc. dba GCI, Inc.</p> <p>FUNDING: Cap. Ex. (Capital Expenditure Fund) CIR00021 FY 2016-2017, CIR00378</p>	<p>GOAA CONTACTS:</p> <p>Sponsor: Maintenance</p> <p>Construction: Mike Patterson</p> <p>PROJECT COST: \$3,888,000.00</p>
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SCOPE: Replace the Landside Central Energy Plant equipment at the Orlando International Airport. The equipment to be replaced includes, but is not limited to, remaining cooling towers on the A & B Sides of the terminal and associated systems.

STATUS: A-side cooling tower is complete and in-service. B-Side cooling tower work will start in June.

NOTICE TO PROCEED: 01/21/20

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$2,399,031.00	240
Thru Change Order # 0	\$0.00	0.0%
Current Contract	\$2,399,031.00	240
Paid To Date Thru PA # 3	\$854,436.87	35.6%

Time: 50.4%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-00485-MCO HYATT LOBBY RENOVATION (DESIGN/BUILD)

CONTRACTOR:	The Weitz Company LLC	GOAA CONTACTS:	
A/E:	TBD	Sponsor:	Hyatt Regency Hotel
OAR:	NONE	Construction:	Arlene Grant
FUNDING:	Cap. Ex. (Capital Expenditure Fund)	PROJECT COST:	\$7,948,620.00

SCOPE: Lobby Renovations in the Hyatt Regency Hotel at the Orlando International Airport. Scope of work will include, but is not limited to, new carpeting and hard flooring/floor tiles; wayfinding signage; new millwork and equipment; replace interior landscaping and planters; new access lighting; light fixtures and ceiling fans; painting and new wall coverings; and, new soft seating/area rugs/televisions.

Specific Area Scope of Work includes:

1. **GENERAL:** Re-concept of the Hotel Lobby, Lounge and the Bar areas located at the Reception Floor to align with the Hyatt Regency brand objectives. New carpet to replace existing carpet throughout 4th Fl public areas, 3rd Fl Elevator Lobby. Evaluate current wayfinding signage in public spaces, and replace or provide additional signs as required. To be aligned with the new location of spaces and with the Regency Brand Standard. Replace interior landscaping and planters. Replace lobby and lobby bar speaker system. Clean, repair, and resurfacing all columns in Lobby Area. Replace all ceiling fans, repaint ceiling painted surfaces. Third Fl Elevator Lobby and First Fl Motor Court Lobby to be included as part of project scope - replace carpet, furniture. Assess lighting design.

2. **LOBBY:** New Front Desk - Pods Style. Evaluate and enhance all operational equipment as needed to comply with brand requirement. Use colors and materials that complement the existing wood in the lobby. New tile as required due to relocation/redesign of millwork in the reception area including Front Desk and Bell Stand area. Design to accommodate minimal damage to existing tile. New Guest Service area. New Concierge area/desk. New Make Space (Self-serve business centre), the open-plan business centre, should be integrated into the social space and in close proximity to the meeting and event space in a convenient and visible location. New Refresh Station. Located in proximity of the reception area. New development of a Market Concept. Including Millworks and Equipment as needed. Grab & Go location at the existing Concierge Desk and surrounding area on the lobby level, up escalator side. Existing Reception Area chandeliers to remain.

3. **LOBBY BAR:** Re-concept of the Hotel Lobby Bar and Bar Lounge located at the Reception Floor to align the design with the new lobby concept. New Floor. Analyze use of hard flooring surface vs. carpet. Re-paint ceiling painted surfaces. New millworks as needed to configure the new bar counter. Evaluate and enhance all operational equipment as needed to comply with brand requirement. New Lighting as needed (chandelier, sconces, cans, spots, decorative). New FF&E, including soft seating, carpet, area rugs and decorative lighting. New Televisions.

4. **PRE-FUNCTION AREA:** New design for Ballroom pre-function areas for both Continental and Regency Ballrooms. Replace carpet, paint, wall covering and wall artwork. Evaluate condition of decorative lighting and replace as needed. Replace wall artwork and signage throughout pre-function area and meeting rooms / ballrooms. Existing statues and antiques to remain. Review and assess Lighting design. Add new light fixtures, where needed. New FF&E, including soft seating, carpet, area rugs and decorative lighting.

5. **MISCELLANEOUS:** No new HVAC system, Fire Alarm, sprinkler relocations. Evaluate and enhance the MEP system throughout the lobby as needed. Replace existing ceiling tile. Existing hardwood ceilings and soffits to remain.

STATUS: This project is in the submittal/procurement phase. Start of construction will be delayed due to Covid-19 impacts.

PROJECTS IN CONSTRUCTION

CONSTRUCTION COST:				NOTICE TO PROCEED: 11/19/19	COMPLETION
				TIME(DAYS)	
Original Contract		\$882,060.35		365	11/17/20
Thru Change Order #	0	\$0.00	0.0%	<u>0</u>	
Current Contract		\$882,060.35		365	11/17/20
Paid To Date Thru PA #	4	\$343,348.10	38.9%	Time: 53.7%	ANTICIPATED COMPLETION: OnHold

PROJECTS IN CONSTRUCTION

BP-00486-MCO RUNWAY 18L-36R REHABILITATION AND RELATED WORK

CONTRACTOR: Hubbard Construction Company

A/E: Avcon, Inc.

OAR: A2 Group, Inc.

FUNDING: Cap. Ex. (Capital Expenditure Fund),FAA AIP,FDOT,Aviation Authority Funds,LOC (Line of Credit),GARBS (General Account Revenue Bonds)

FAA AIP #3-12-0057-118-2018, FDOT #444239-1-94-01

GOAA CONTACTS:

Sponsor: Planning, Engineering, & Construction

Construction: Tuan Nguyen (Const)

PROJECT COST: \$35,159,795.00

SCOPE: Rehabilitation and improvements for the existing pavements for Runway 18L-36R at the Orlando International Airport. Construction work includes milling, crack seal and overlay of existing asphalt pavement; removal and replacement of existing PCC pavement, joint/spall repair; reconstruction of 10'-0" of asphalt shoulders on each side of the runway; reconstruction of the asphalt blast pad at Rwy 18L; sealcoating of blast pad at Rwy 36R and improvements to all associated lighting, markings and signage to comply with current FAA standards.

STATUS: Phase 1A (TWY B & TWY E) is currently ongoing with the following work in progress: milling, blast pad reconstruction, shoulder reconstruction on the east side, paving of milled areas, paving of blast pad, joint sealant replacement, spall repairs, new duct install, installation of new fixtures, new electrical cable pull, extensive cleaning, shoulder P-608 sealant, P-502 install at TWY E, temp paint markings and permanent paint markings. Phase 1A work will be completed in mid-June.

NOTICE TO PROCEED: 11/14/19

CONSTRUCTION COST:

Original Contract		\$30,049,745.78	
Thru Change Order #	3	(\$144,966.67)	-0.5%
Current Contract		\$29,904,779.11	
Paid To Date Thru PA #	3	\$7,548,023.69	25.2%

TIME(DAYS)

270
<u>0</u>
270
Time: 74.8%

COMPLETION

08/09/20
08/09/20

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00132-MCO S TERM C, PH 1 - BAGGAGE HANDLING SYSTEM (DBOM)

CONTRACTOR:	Vanderlande Industries, Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Davin Ruohomaki
FUNDING:	GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges)	PROJECT COST:	\$141,402,535.00
SCOPE:	Design/Build/Operate/Maintain (DBOM) Services for the Baggage Handling System –South Terminal C Phase 1 Program.		
STATUS:	Project is currently in the fabrication/permitting phase. Conveyor installations continue in the hub.		

NOTICE TO PROCEED: 06/14/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$94,900,000.00		902	12/01/20
Thru Change Order #	7	\$48,429,006.76	51.0%	<u>0</u>	
Current Contract		\$143,329,006.76		902	12/01/20
Paid To Date Thru PA #	21	\$45,585,801.85	31.8%	Time: 76.7%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00137-MCO S TERM C, PH 1 – TURNER-KIEWIT GENERAL CONDITIONS FY2020 (GMP#4-S.4)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),CFCs (Customer Facility Charges),PFCs (Passenger Facility Charges)	PROJECT COST:	\$37,129,100.09
SCOPE:	S TERM C, PH 1 – TURNER-KIEWIT GENERAL CONDITIONS FY2020 (GMP#4-S.4) Includes the CMAR staff and general conditions (through September 2020) to support the staff on-site.		
STATUS:	CMAR staff and general conditions (through September 2020) to support the staff on-site.		

NOTICE TO PROCEED: 10/01/19

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$36,964,003.00		366	09/30/20
Thru Change Order #	0	\$0.00	0.0%	0	
Current Contract		\$36,964,003.00		366	09/30/20
Paid To Date Thru PA #	7	\$21,562,335.12	58.3%	Time: 59.8%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00139-MCO S TERM C, PH 1 – LANDSIDE SITE UTILITIES AND BALANCE OF SITEWORK (GMP#5-S.2)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),CFCs (Customer Facility Charges)	PROJECT COST:	\$68,216,389.01

SCOPE: S TERM C, PH 1 – LANDSIDE SITE UTILITIES AND BALANCE OF SITEWORK (GMP#5-S.2)
Includes the civil work and required utilities for the Landside Terminal site.

STATUS: Duct bank installation is complete on west side of project. Utility installation on the LST side of project is in-progress. Fill dirt and grading operations are underway.

NOTICE TO PROCEED: 06/05/18

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	1365	02/28/22
Thru Change Order # 3	\$29,830,656.00	80.2%
Current Contract	\$67,016,380.00	1365
Paid To Date Thru PA # 22	\$27,781,221.03	41.5%
	Time: 52.0%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00141-MCO S TERM C, PH 1 – LANDSIDE CONVEYING EQUIPMENT (GMP 5-S.4)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),CFCs (Customer Facility Charges),PFCs (Passenger Facility Charges)	PROJECT COST:	\$16,787,006.00

SCOPE: Includes the costs for the elevators and escalators in the Landside Terminal, Parking Garage. This also includes the escalators for the Ground Transportation Facility. This is a joint procurement with HP.

STATUS: Escalators have been delivered on site for future installation.

NOTICE TO PROCEED: 06/05/18

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	1365	02/28/22
Thru Change Order # 1	0	
Current Contract	1365	02/28/22
Paid To Date Thru PA # 13	Time: 51.9%	

\$16,874,563.00

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00143-MCO S TERM C, PH 1 – AIRSIDE TERMINAL, STRUCTURE & ENCLOSURE (GMP#6-S.1)

CONTRACTOR:	Hensel Phelps Construction	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges)	PROJECT COST:	\$200,750,597.02

SCOPE: The scope of Project BP No . S00143 provides for airside terminal early procurement , which includes concrete, steel and waterproofing for the airside terminal for South Terminal C. Placement of slab on grade is in progress.

STATUS: Project achieved substantial completion March 20, 2020.

NOTICE TO PROCEED: 05/03/18

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	1398	02/28/22
Thru Change Order # 6 \$38,229,258.00 25.4%	0	
Current Contract	1398	02/28/22
Paid To Date Thru PA # 29 \$116,600,991.68 61.7%	Time: 61.7%	

\$188,841,270.00

**ANTICIPATED
COMPLETION:
Subst.Comp.**

PROJECTS IN CONSTRUCTION

BP-S00144-MCO S TERM C, PH 1 – AS TERM, ENCLOSURES AND EXT FINISHES (GMP#6-S.2)

CONTRACTOR:	Hensel Phelps Construction	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges)	PROJECT COST:	\$116,813,247.00

SCOPE: STC, PH 1 – AS TERM, ENCLOSURES AND EXT FINISHES (GMP#6-S.2). The scope of Project BP No. S00144 includes the costs for electrical, framing and drywall, roofing, stucco, exterior metal panels, waterproofing and caulking, air barrier, passenger boarding bridge foundations, horizontal lifeline system, miscellaneous metals, utility transformers and fiber ductbank.

STATUS: Under slab and in-wall raceway rough-in is ongoing. Electrical conduit installation, exterior infill light gauge framing and exterior fenestration are on-going. Metal panel installation on exterior is underway. Electrical distribution gear is arriving systematically and being rigged into place. Metal panel installation on exterior is underway.

NOTICE TO PROCEED: 07/05/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$104,107,463.00		1335	02/28/22
Thru Change Order #	5	\$35,228,443.00	33.8%	0	
Current Contract		\$139,335,906.00		1335	02/28/22
Paid To Date Thru PA #	20	\$42,061,933.79	30.2%	Time: 49.6%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00145-MCO S TERM C, PH 1 – AIRSIDE TERMINAL, EARLY INTERIORS (GMP#6-S.3)

CONTRACTOR:	Hensel Phelps Construction	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges)	PROJECT COST:	\$42,593,311.00

SCOPE: STC, PH 1 – AIRSIDE TERMINAL, EARLY INTERIORS (GMP#6-S.3) includes the ornamental metals and railings, millwork, doors/frames/hardware, overhead service doors, spray-applied fireproofing and insulation, intumescent fireproofing, interior storefront and glass wall systems, acoustical ceilings, interior plaster, terrazzo and building signage for the Airside Terminal at the Orlando International Airport.

STATUS: Submittals continue. Interior masonry walls and fireproofing structural steel are ongoing. Interior light gauge framing is underway. Prime painting is underway. Handrail mock ups are in place and under review. Terrazzo continues.

NOTICE TO PROCEED: 09/11/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$45,191,243.00		1267	02/28/22
Thru Change Order #	4	\$7,703,096.00	17.0%	0	
Current Contract		\$52,894,339.00		1267	02/28/22
Paid To Date Thru PA #	19	\$8,335,571.05	15.8%	Time: 49.8%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00146-MCO S TERM C, PH 1 – LANDSIDE TERMINAL STRUCTURE AND ENCLOSURE (GMP#7-S)

CONTRACTOR: Turner-Kiewit Joint Venture
A/E: HNTB Corporation
OAR: Geotech Consultants International, Inc. dba GCI, Inc.
FUNDING: GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges)
Passenger Facility Charges
 General Airport Revenue Bonds
SCOPE: The Landside Terminal approximately 800,000SF. South Terminal C Phase 1 Program. The scope of Project BP No. S00146 provides for the landside terminal early procurement which includes the concrete, steel, curtain wall and waterproofing for the South Terminal C.
STATUS: Concrete columns are complete. Waterproofing and backfilling of pile caps is complete. Structural steel fabrication and erection is complete. MEP service hangers are being installed. Exterior light-gauge framing, skylight installation and clerestory installation are in-progress. Roofing is underway.

GOAA CONTACTS:
 Sponsor: Planning, Engineering, & Construction
Construction: Mark Birkebak
PROJECT COST: \$117,001,289.00

NOTICE TO PROCEED: 04/27/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$106,397,624.00		1404	02/28/22
Thru Change Order #	2	\$23,382,878.00	22.0%	0	
Current Contract		\$129,780,502.00		1404	02/28/22
Paid To Date Thru PA #	36	\$103,540,052.21	79.8%	Time: 53.7%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00147-MCO S TERM C, PH 1 – LANDSIDE TERM, REMAINING STRUCTURE & SYSTEMS (GMP#7-S.1)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges),FDOT	PROJECT COST:	\$168,911,876.00

SCOPE: STC, PH 1 – LANDSIDE TERM, REMAINING STRUCTURE & SYSTEMS (GMP#7-S.1) Includes the building systems such as HVAC, electrical, plumbing, and fire suppression for the Landside Terminal at the Orlando International Airport.

STATUS: Fireproofing is underway. Exterior fenestration mock-ups are complete. Interior light-gauge framing is underway. Bathroom in-place mockups are underway.

NOTICE TO PROCEED: 11/30/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$158,731,417.00		1187	02/28/22
Thru Change Order #	1	\$12,532,793.00	7.9%	0	
Current Contract		\$171,264,210.00		1187	02/28/22
Paid To Date Thru PA #	19	\$30,028,388.56	17.5%	Time: 44.8%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00148-MCO S TERM C, PH 1 – LANDSIDE TERMINAL FINISHES (GMP#7-S.2)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges)	PROJECT COST:	\$91,336,056.00

SCOPE: S TERM C, PH 1 – LANDSIDE TERMINAL FINISHES (GMP#7-S.2) Includes metal panels, roofing, stucco, framing, drywall, and interior finishes for the Landside Terminal.

STATUS: Submittals and procurement in progress.

NOTICE TO PROCEED: 08/01/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$91,336,056.00	943 02/28/22
Thru Change Order #	0 \$0.00 0.0%	0
Current Contract	\$91,336,056.00	943 02/28/22
Paid To Date Thru PA #	7 \$2,375,247.73 2.6%	Time: 0.00%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00149-MCO S TERM C, PH 1 – GROUND TRANSPORTATION FACILITY (GTF) - FDOT (GMP#8-S)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),CFCs (Customer Facility Charges)	PROJECT COST:	\$70,493,505.51

SCOPE: The Ground Transportation Facility. An open air 60' wide walkway from the Landside Terminal to the Phase 1 Parking Garage - South Terminal C Phase 1 Program

STATUS: Concrete column continues. Temporary MOT and signage plan around operating APM building has been installed. Deep foundation work is complete. Pile caps are complete. The design of temporary weather protection for the APM building is complete,

NOTICE TO PROCEED: 10/25/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$16,322,986.00	858 02/28/22
Thru Change Order # 1	\$14,089,275.00 86.3%	<u>0</u>
Current Contract	\$30,412,261.00	858 02/28/22
Paid To Date Thru PA # 5	\$6,453,190.40 21.2%	Time: 22.8%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00151-MCO S TERM C, PH 1 – PARKING FACILITY PHASE 2 (GMP#9-S.1)

CONTRACTOR: Turner-Kiewit Joint Venture A/E: HNTB Corporation OAR: Geotech Consultants International, Inc. dba GCI, Inc. FUNDING: GARBS (General Account Revenue Bonds),CFCs (Customer Facility Charges)	GOAA CONTACTS: Sponsor: Planning, Engineering, & Construction Construction: Mark Birkebak PROJECT COST: \$22,604,233.00
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SCOPE: Scope includes masonry, miscellaneous metals, modified bit roofing, applied fireproofing, doors, frames and hardware, drywall, stucco and installation, acoustical ceilings, flooring, painting, terrazzo flooring, specialties, signage, low voltage electrical, and striping and pavement markings.

STATUS: Reinforcing and placement of canopy columns ongoing. Interior MEP rough-in is underway. Exterior perimeter canopies steel work is complete.

NOTICE TO PROCEED: 10/01/18

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	360	09/25/19
Thru Change Order # 1 (\$839,497.00) -6.5%	<u>0</u>	
Current Contract \$12,012,880.00	360	09/25/19
Paid To Date Thru PA # 21 \$9,482,352.97 78.9%	Time: 164.4%	

ANTICIPATED COMPLETION: 7/15/2020
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PROJECTS IN CONSTRUCTION

BP-S00154-MCO S TERM C, PH 1 – FUELING SYSTEM (GMP#11-S)

CONTRACTOR:	Hensel Phelps Construction	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds)	PROJECT COST:	\$34,825,688.00

SCOPE: The fuel system, piping and fuel island for the Airfield Operations.

STATUS: Pipe fitting, welding, and x-raying is ongoing.

NOTICE TO PROCEED: 05/03/18

CONSTRUCTION COST:

Original Contract		\$24,484,753.00			
Thru Change Order #	2	\$10,956,448.00	44.7%		
Current Contract		\$35,441,201.00			
Paid To Date Thru PA #	24	\$21,496,329.01	60.7%		

TIME(DAYS)

1398

0

1398

Time: 53.6%

COMPLETION

02/28/22

02/28/22

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

BP-S00156-MCO S TERM C, PH 1 – CENTRAL ENERGY PLANT AND EPG BUILDING (GMP#14-S)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),CFCs (Customer Facility Charges)	PROJECT COST:	\$69,662,647.00

SCOPE: The scope of BP No. S00156 includes the costs for building concrete, masonry, structural steel and miscellaneous metals, waterproofing and caulking, modified bituminous membrane roofing, general trades, stucco, epoxy flooring and paint, signage, fire protection, plumbing diesel fuel transfer and storage system, mechanical and electrical scopes. The emergency transformers and distribution wiring for the Landside Terminal, Central Energy Plant and Parking Garage buildings, and underground chilled water piping from the Central Energy Plant to the Landside Terminal are also included in this GMP.

STATUS: Masonry walls are complete. EPG Fuel oil tanks installation is complete. EPG underslab rough-in is complete. CEP steel fabrication and erection are complete. CEP interior painting continues. Concrete work at CEP cooling tower yard is complete. Fabrication of long-lead equipment (chillers, generators, pumps, cooling towers) continues. Electrical gear installation is underway. Interior mechanical pipe installation is underway. EPG tilt wall panels are complete. EPG interior masonry and structural steel are in progress.

NOTICE TO PROCEED: 08/31/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$63,916,416.00		1278	02/28/22
Thru Change Order #	2	\$3,423,595.00	5.4%	0	
Current Contract		\$67,340,011.00		1278	02/28/22
Paid To Date Thru PA #	24	\$44,127,281.39	65.5%	Time: 49.7%	

**ANTICIPATED COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

BP-S00157-MCO S TERM C, PH 1 – GROUND SUPPORT SERVICES (GMP#15-S)

CONTRACTOR:	Hensel Phelps Construction	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds)	PROJECT COST:	\$8,337,753.00

SCOPE: The Ground Support Services building 2,500 GSF single story CMU structure. South Terminal C Phase 1

STATUS: Project is in the submittal phase.

NOTICE TO PROCEED: 01/22/20

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$6,346,834.00		769	02/28/22
Thru Change Order #	0	\$0.00	0.0%	0	
Current Contract		\$6,346,834.00		769	02/28/22
Paid To Date Thru PA #	1	\$37,684.80	0.6%	Time: 0.00%	

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

BP-S00158-MCO S TERM C, PH 1 – CHECKPOINT DELTA (GMP#17-S)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds)	PROJECT COST:	\$3,622,174.00

SCOPE: The Check Point Delta building and covered roadway - South Terminal C Phase 1 Program

STATUS: Grading and site work is underway.

NOTICE TO PROCEED: 07/10/19

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$3,622,174.00		965	02/28/22
Thru Change Order #	0	\$0.00	0.0%	<u>0</u>	
Current Contract		\$3,622,174.00		965	02/28/22
Paid To Date Thru PA #	1	\$22,557.41	0.6%	Time: 0.00%	

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

BP-S00163-MCO S TERM C, PH 1 – ENPLANE/DEPLANE BRIDGE & ROADWAYS BALANCE OF WORK-FDOT (GMP#5-S.5)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds)	PROJECT COST:	\$68,566,968.00

SCOPE: S TERM C, PH 1–ENPLANE/DEPLANE BRIDGE & ROADWAYS BALANCE OF WORK-FDOT (GMP#5-S.5). The scope of BP No. S00163 includes MSE walls, pile caps, vertical structure, drainage, roadway pavement and striping, and fascia for the Enplane/Deplane Bridge from Piers 9 through 25. The same scope of work between End Bent 1 through Pier 9, including piles for the eight additional piers, was bid as an alternate and is included in this GMP.

STATUS: Placement of precast bridge beams continues. Forming and reinforcing of elevated decks is underway. Placement of elevated decks is underway. Installation of MSE retaining wall is complete.

NOTICE TO PROCEED: 07/23/18

CONSTRUCTION COST:			TIME(DAYS)	COMPLETION
Original Contract		\$66,955,635.00	1317	02/28/22
Thru Change Order #	1	\$5,749,654.00	0	
Current Contract		\$72,705,289.00	1317	02/28/22
Paid To Date Thru PA #	23	\$55,519,496.48	76.4%	Time: 50.3%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00166-MCO S TERM C, PH-1 - HP GENERAL CONDITIONS FY2020 (GMP#16-S.4)

CONTRACTOR:	Hensel Phelps Construction	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	CFCs (Customer Facility Charges),GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges)	PROJECT COST:	\$32,334,461.00

SCOPE: S TERM C, PH1 - HP GENERAL CONDITIONS FY2020 (GMP#16-S.4)

STATUS: CMAR staff and GC's (through September 2020) to support the staff on site.

NOTICE TO PROCEED: 10/01/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$21,347,451.00	366 09/30/20
Thru Change Order # 0	\$0.00 0.0%	0
Current Contract	\$21,347,451.00	366 09/30/20
Paid To Date Thru PA # 7	\$12,511,361.00 58.6%	Time: 61.7%

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

BP-S00168-MCO S TERM C, PH 1 – AIRSIDE TERMINAL INTERIORS FINISHES AND SPECIALTIES (GMP#6-S.4)

CONTRACTOR:	Hensel Phelps Construction	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges)	PROJECT COST:	\$84,083,386.06

SCOPE: S TERM C, PH 1 – AIRSIDE TERMINAL, INTERIORS/SPECIALTIES (GMP#6-S.4)
STATUS: Submittals and procurement in progress.

NOTICE TO PROCEED: 10/22/18

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	1226	02/28/22
Thru Change Order # 4	\$4,303,270.00 7.2%	0
Current Contract	\$64,225,660.00	1226 02/28/22
Paid To Date Thru PA # 18	\$14,522,435.74 22.6%	Time: 48.1%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00170-MCO S TERM C, PH 1 – UNDERGROUND ELECTRICAL DISTRIBUTION (GMP#5-S.6)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	FDOT, GARBS (General Account Revenue Bonds)	PROJECT COST:	\$46,725,302.00

SCOPE: S TERM C, PH 1 – UNDERGROUND ELECTRICAL DISTRIBUTION (GMP#5-S.6). The scope of Project BP No. S00170 includes primary power and emergency power distribution ductbanks and associated manholes for four main ductbanks, consisting of the OUC ductbank, emergency generators A and B, and communications control. The south portion of the OUC power, including the OUC primary switchyard pad and OUC access roads, was bid as an alternate and is incorporated into this GMP.

STATUS: OUC ductbank installation on south end of project site continues. Duct bank access roads are complete. OUC mobilized to project area and started pulling conductors. OUC primary power transformers at CEP, North Switch Yard, Garage and LST are set.

NOTICE TO PROCEED: 07/23/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$40,534,012.00		1317	02/28/22
Thru Change Order #	3	\$10,247,504.00	25.3%	0	
Current Contract		\$50,781,516.00		1317	02/28/22
Paid To Date Thru PA #	23	\$38,945,187.89	76.7%	Time: 50.6%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00173-MCO S TERM C, PH 1 – LANDSIDE TERMINAL MEP SYSTEMS - (GMP#7-S.3)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	Cap. Ex. (Capital Expenditure Fund),FDOT	PROJECT COST:	\$127,507,458.97

SCOPE: S TERM C, PH 1 – LANDSIDE TERMINAL MEP SYSTEMS - FDOT (GMP#7-S.3)

STATUS: Submittals & procurement are in-progress. MEP Service hanger installation and under slab MEP work in ongoing. Prefab electrical rooms are arriving on site. Chilled water pipe and fire protection pipe are being installed.

NOTICE TO PROCEED: 11/30/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$112,987,835.00		1187	02/28/22
Thru Change Order #	2	\$15,773,450.00	14.0%	<u>0</u>	
Current Contract		\$128,761,285.00		1187	02/28/22
Paid To Date Thru PA #	18	\$37,730,408.09	29.3%	Time: 44.8%	

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

BP-S00176-MCO S TERM C, PH 1 – SITE LOGISTICS RELOCATION (GMP#18-S)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds)	PROJECT COST:	\$41,494,681.00

SCOPE: S TERM C, PH 1 – SITE LOGISTICS RELOCATION (GMP#18-S)
 Development of the new office complex as shown in the WS-110 Site Logistics Relocation drawings at the Orlando International Airport. The work includes all required temporary environmental controls, site stripping after clear and grub (C&G by others), excavation and embankment to achieve specified grades, Type B stabilization, site grade finish and soil stabilization, all civil utilities, lime rock base, RAP, asphalt, flatwork, bollards around light poles, striping & signing, fence as shown, communication utility, electrical power and lighting. Additionally this proposal includes relocating 14 ea existing modular buildings and contents from the existing trailer compound to the new office complex, installation at new complex and installation plus fit out of 10 new modular buildings.

STATUS: Office furniture for GOAA personnel has been delivered. New canal routing and box culvert work, relocation of OAR and CM personnel and modular office space from east compound to new west compound continues.

NOTICE TO PROCEED: 02/15/19

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$24,989,457.00		279	11/20/19
Thru Change Order #	3	\$22,535,902.00	90.2%	0	
Current Contract		\$47,525,359.00		279	11/20/19
Paid To Date Thru PA #	15	\$34,855,325.73	73.3%	Time: 165.6%	

ANTICIPATED COMPLETION: 06/22/2020

PROJECTS IN CONSTRUCTION

BP-S00177-MCO S TERM C, PH 1 - AIRSIDE EME (GMP #6-S.5)

CONTRACTOR:	Hensel Phelps Construction	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),STC EME Budget Funds	PROJECT COST:	\$11,469,400.00

SCOPE: Furnish and install all mechanical, electrical, plumbing, structural and architectural finishes for the Experiential Media Environment (EME) system including, but not limited to, fountain/water feature, moment vault, windows of Orlando (window structures) and related work required for a complete EME system at the Orlando International Airport.

STATUS: Submittals and procurement in progress. Support steel in place under separate GMP.

NOTICE TO PROCEED: 07/01/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$11,463,235.00	974 02/28/22
Thru Change Order # 1	(\$533,676.00) -4.7%	0
Current Contract	\$10,929,559.00	974 02/28/22
Paid To Date Thru PA # 2	\$2,072,049.30 19.0%	Time: 10.1%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00178-MCO S TERM C, PH 1 - AIRFIELD CIVIL (GMP 19-S)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges)	PROJECT COST:	\$233,509,544.00

SCOPE: Complete underground utilities on the ramp and airfield including drainage, sanitary mains, water, and power at the Orlando International Airport. Construct all grading, base and pavement for ramp areas, remain over night areas, taxiway extensions (Taxiway B and Taxiway C), as well as newly constructed taxiways (Taxiway E1, Taxiway B9, Taxiway B11, Taxiway B12, and Taxiway B13). Reroute Secure Road from current location to proposed route across the ramp to the tie in location north of the project with phased construction as required to maintain access through the construction duration. Construct all pavement markings, taxiway signage, and airfield lighting required for the project while maintaining the function of the current airfield as coordinated with Airfield Operations. Provide for all maintenance of traffic to phase the work and maintain access needed for airfield operations including coordination with BP-486 and other projects. Maintain the integrity of the secure fence at all times and construct new secure fence to tie in to the Airside Concourse as well as Checkpoint Delta.

STATUS: Subgrade stabilization and Airfield paving is in-progress.

NOTICE TO PROCEED: 07/10/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$233,509,544.00	965 02/28/22
Thru Change Order #	0 \$0.00 0.0%	<u>0</u>
Current Contract	\$233,509,544.00	965 02/28/22
Paid To Date Thru PA #	11 \$68,160,087.29 29.2%	Time: 0.00%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00179-MCO S TERM C, PH 1 – AIRSIDE CONCOURSE (GMP#6-S.6)

CONTRACTOR:	Hensel Phelps Construction	GOAA CONTACTS:	
A/E:	HNTB Corporation	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	GARBS (General Account Revenue Bonds),PFCs (Passenger Facility Charges),South Terminal C Funds,FDOT	PROJECT COST:	\$82,045,496.00

SCOPE: The scope of BP No. S00179 provides concrete, masonry, roofing, waterproofing, fireproofing, doors, frames and hardware, tile, resilient tile and carpet, fire suppression, plumbing and Heating, Ventilation, and Air Conditioning (HVAC), electrical and low voltage work for the South Terminal C, Phase 1 Expansion Program.

STATUS: Submittals and procurement are in progress. P1X AST structural steel fabrication is in progress.

NOTICE TO PROCEED: 11/22/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$81,251,370.00	830 02/28/22
Thru Change Order # 1	\$794,126.00 1.0%	0
Current Contract	\$82,045,496.00	830 02/28/22
Paid To Date Thru PA # 4	\$5,419,038.82 6.6%	Time: 18.9%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00180-MCO S TERM C, PH 1 – LANDSIDE EME (GMP#7-S.4)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB - Airport Office	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	S Term C, PH 1 Funds	PROJECT COST:	\$11,844,858.00

SCOPE: Furnish and install all mechanical, electrical, structural, audio visual components, servers, controls and architectural finishes for the Experiential Media Environment (EME) system including, but not limited to, the Portal and all related work required for a complete EME system at the Orlando International Airport.

STATUS: Submittals and procurement are in-progress. Support steel in place under separate GMPs.

NOTICE TO PROCEED: 01/22/20

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	769	02/28/22
Thru Change Order # 1	0	
Current Contract	769	02/28/22
Paid To Date Thru PA # 1	Time: 6.2%	

\$23,384,734.00

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

BP-S00181-MCO S TERM C, PH 1 – GROUND TRANSPORTATION FACILITY (GTF) (GMP#8-S.1)

CONTRACTOR:	Turner-Kiewit Joint Venture	GOAA CONTACTS:	
A/E:	HNTB - Airport Office	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	S Term C, Ph 1 Funds	PROJECT COST:	\$50,723,278.00

SCOPE: The STC-P1 Ground Transportation Facility (GTF) will serve as a connection and transportation hub for the Landside Terminal, Parking Garage, and the South APM Complex at the Orlando International Airport. This scope includes but is not limited to demolition, masonry, waterproofing and caulking, roofing, fireproofing, firestopping, skylights, interior glass and glazing, curtainwall, doors, frames and hardware, drywall, framing, finishes, fire protection, mechanical, and plumbing for the GTF.

STATUS: Submittals are underway.

NOTICE TO PROCEED: 01/22/20

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$49,843,311.00	769 02/28/22
Thru Change Order #	0 \$0.00 0.0%	<u>0</u>
Current Contract	\$49,843,311.00	769 02/28/22
Paid To Date Thru PA #	3 \$1,123,281.15 2.3%	Time: 15.5%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

E-00238-MCO AS4 FIRE PUMP REPLACEMENT

CONTRACTOR:	Electric Services, Inc.	GOAA CONTACTS:	
A/E:	Matern Professional Engineering, Inc.	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	John Carlson
FUNDING:	Cap. Ex. (Capital Expenditure Fund) <small>CIR00057 FY 2016-2017</small>	PROJECT COST:	\$325,000.00

SCOPE: Design and replace an existing diesel fire pump at Airside 4 with a new electric fire pump at the Orlando International Airport.

STATUS: New fire pump control panel and jockey pump controls have been installed. Test failed on 5/14/20, and again on 5/16/20. A temporary stand-by generator installation will allow operation of new pump until final system issues can be resolved.

NOTICE TO PROCEED: 12/04/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	150	05/01/20
Thru Change Order # 1	\$4,685.04 2.5%	<u>0</u>
Current Contract	\$192,359.75	150
Paid To Date Thru PA # 4	\$102,312.88 53.2%	Time: 112.0%

ANTICIPATED COMPLETION: 06/30/2020

PROJECTS IN CONSTRUCTION

E-00239-MCO MISC LIGHT FIXTURES FOR PARKING GARAGES A, B & TERMINAL TOP

CONTRACTOR: BergElectric Corp. dba Bergelectric Corp.
Contractors and Engineers

GOAA CONTACTS:

A/E: Graef - USA Inc.

Sponsor: Maintenance

OAR: Geotech Consultants International, Inc. dba
GCI, Inc.

Construction: Greg Watson (DR)

FUNDING: Cap. Ex. (Capital Expenditure Fund)

PROJECT COST: \$2,812,301.10

A project startup pkg dated 07/21/17 in the amount of \$2.8M was signed off on 08/21/17, at which time the control budget and baseline schedule were established.

SCOPE: Replace lighting in and around the garage facilities at the North Terminal. The project is also to include the replacement of various miscellaneous lighting in and around the A garage, B garage and Terminal Top. This will include lighting fixtures such as exterior stairwells, Helix-wall mounted cylinders, downlights, landscape fixtures, elevator lobby lights, etc.

STATUS: Demo and installation of Terminal Top Parking and Garage A & B lighting is in progress. Overall progress is 98% complete.

NOTICE TO PROCEED: 10/02/19

CONSTRUCTION COST:

Original Contract		\$1,738,231.44	
Thru Change Order #	2	(\$267.58)	0.0%
Current Contract		\$1,737,963.86	
Paid To Date Thru PA #	6	\$1,420,595.71	81.7%

TIME(DAYS)

COMPLETION

270	06/27/20
<u>0</u>	
270	06/27/20
Time: 85.9%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

E-00262-MCO REPLACE POD E CLUTCH BRAKES WITH VFDS D/B

CONTRACTOR:	Electric Services, Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Planning, Engineering, & Construction
OAR:	AECOM Technical Services, Inc.	Construction:	John Carlson
FUNDING:	GARBS (General Account Revenue Bonds)	PROJECT COST:	\$596,750.00

SCOPE: Replace selected motor clutch brakes within the Pod E system with variable frequency drives (VFDs) for system performance improvement at the Orlando International Airport.

STATUS: VFDs on 100, 200 and 300 lines have been installed and tested, work continues on 3 other feed lines followed by the mainline.

NOTICE TO PROCEED: 02/24/20

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$509,921.40		240	10/20/20
Thru Change Order #	0	\$0.00	0.0%	<u>0</u>	
Current Contract		\$509,921.40		240	10/20/20
Paid To Date Thru PA #	2	\$161,293.49	31.6%	Time: 36.7%	

ANTICIPATED COMPLETION: 06/30/2020

PROJECTS IN CONSTRUCTION

E-00265-MCO HYATT POOL PUMP ROOM ELECTRICAL CONDUIT REPLACEMENT

CONTRACTOR:	BergElectric Corp. dba Bergelectric Corp. Contractors and Engineers	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Hyatt Regency Hotel
OAR:	AECOM Technical Services, Inc.	Construction:	Arlene Grant
FUNDING:	Cap. Ex. (Capital Expenditure Fund)	PROJECT COST:	\$40,987.25

SCOPE: This project is to remove existing corroded galvanized power/lighting conduit/wire and replace with new PVC coated conduit, appropriate electrical boxes and new wiring in Hyatt pool pump room. Trace out existing pool pump relays and install in new NEMA 4X enclosure to prevent corrosion. Apply Cold Galvanized paint to existing Tele/Data conduits to prevent further corrosion of these conduits.

STATUS: This project is currently on hold due to COVID-19 impacts.

NOTICE TO PROCEED: 02/11/20

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$40,987.25	60
Thru Change Order # 0	\$0.00 0.0%	0
Current Contract	\$40,987.25	60
Paid To Date Thru PA # 0	\$0.00 0.0%	Time: 0.00%

**ANTICIPATED
COMPLETION:
On Hold**

PROJECTS IN CONSTRUCTION

E-S00009-MCO RUNWAY 17L FAA ALSF-2 MODIFICATIONS

CONTRACTOR:	H. L. Pruitt Corporation	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Planning, Engineering, & Construction
OAR:	A2 Group, Inc.	Construction:	Davin Ruohomaki
FUNDING:	Direct funding from Virgin Trains US (fka Brightline/AAF)	PROJECT COST:	\$800,000.00

SCOPE: The project consists of modifying the Approach Lighting System with Sequence Flashing Lights (ALSF-2) at Runway 17L to accommodate the Virgin Trains rail easement by adjusting the light fixture heights and light lane slope as well as shifting Stations 15 and 16 at the Orlando International Airport. The project includes approximately 15,000 LF wire and cabling, grounding, replacement of duct between Stations 15 and Station 16 and removal and replacement of all lighting masts from Station 3 through Station 24. Construction will be according to the project plans documents, the GOAA continuing contract, and the project specific technical specifications. All work must be built to current FAA requirements and be accepted by FAA who will provide a Resident Engineer for the project. The Contractor will coordinate the flight check with FAA and make any required adjustments to the system to satisfy FAA. The Contractor will provide the MOT requirements for Cargo Road and for SR 528 and all measures required to keep the airfield free from debris including but not limited to low profile barricades, operational lights, and sweeping of all work areas and haul routes. All runway work within the Runway Safety Area will be completed during the 45 days that Runway 17L-35R will be closed. Any additional work in the safety area after the closure will have to be coordinated with GOAA Airfield Operations during routine maintenance closures or nighttime closures.

STATUS: Work on this project will restart in 2021.

NOTICE TO PROCEED: 06/10/19

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$768,000.00		180	12/06/19
Thru Change Order #	1	\$629,572.00	82.0%	<u>551</u>	
Current Contract		\$1,397,572.00		731	06/09/21
Paid To Date Thru PA #	0	\$0.00	0.0%	Time: 0.00%	

**ANTICIPATED
COMPLETION:
On Hold**

PROJECTS IN CONSTRUCTION

H-00299-MCO AOA SECURITY FENCE UPGRADE

CONTRACTOR:	Florida Door Control of Orlando, Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Security
OAR:	PSA Management Inc.	Construction:	Gordon Clark
FUNDING:	Cap. Ex. (Capital Expenditure Fund)	PROJECT COST:	\$1,044,460.00

SCOPE: Replacement of approximately 10,000 lineal feet of existing 6' high chain link fencing that is at the end of its useful life and does not meet current height standards with new 8' chain link fencing. The Secure Area chain link fence is at various locations around the perimeter of the Secured Area at the Orlando International Airport. Additionally, this project includes upgrading 6' vehicular access gates to 8' vehicular access gates.

STATUS: Fencing installation is continuing. Approximately 7700 LF of AOA Security fence has been installed.

NOTICE TO PROCEED: 03/06/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$500,000.00		120	07/03/18
Thru Change Order #	1	\$450,000.00	90.0%	<u>0</u>	
Current Contract		\$950,000.00		120	07/03/18
Paid To Date Thru PA #	10	\$308,109.26	32.4%	Time: 600.0%	

**ANTICIPATED
COMPLETION:
8/1/2020**

PROJECTS IN CONSTRUCTION

H-00330-MCO DELTA PROVISIONS FENCE INSTALLATION

CONTRACTOR:	Carr & Collier Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Maintenance
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Tuan Nguyen (DR)
FUNDING:	O&M (Operations & Maintenance Fund)	PROJECT COST:	\$19,560.62

SCOPE: Provide a fence approximately 500 feet long, along the south end of the Delta Provisions Building at the Orlando International Airport to separate the building from the southern parking lot. The fence will be attached to the new Checkpoint Charlie Fence on the west and an existing fence on the east. A gate will be installed as part of the Checkpoint Charlie project.

STATUS: This project is in the submittal/procurement phase.

NOTICE TO PROCEED: 01/06/20

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$19,560.62		60	03/05/20
Thru Change Order #	0	\$0.00	0.0%	0	
Current Contract		\$19,560.62		60	03/05/20
Paid To Date Thru PA #	0	\$0.00	0.0%	Time: 0.00%	

ANTICIPATED COMPLETION: 07/30/2020

PROJECTS IN CONSTRUCTION

H-00331-MCO A AND B SIDE QTA SITE IMPROVEMENTS

CONTRACTOR:	Cathcart Construction Company - Florida, LLC	GOAA CONTACTS:	
A/E:	Schenkel & Shultz, Inc.	Sponsor:	Commercial Properties
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	John Carlson
FUNDING:	To be reimbursed by New RAC Concession Agreement	PROJECT COST:	\$433,453.00

SCOPE: Construct the site improvements at the North Terminal Quick Turn-Around (QTA) facilities at the Orlando International Airport as recommended by AECOM in its Property Condition Assessment Report, Dated July 30, 2019.

STATUS: Project is in the submittal / procurement phase.

CONSTRUCTION COST:				NOTICE TO PROCEED: 05/04/20	
				TIME(DAYS)	COMPLETION
Original Contract		\$359,998.06		120	08/31/20
Thru Change Order #	0	\$0.00	0.0%	0	
Current Contract		\$359,998.06		120	08/31/20
Paid To Date Thru PA #	0	\$0.00	0.0%	Time: 0.00%	

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

H-00332-MCO MCO EMPLOYEE PARKING BUS LOOP PAVEMENT REHABILITATION - PHASE 2

CONTRACTOR: Valencia Construction Group, Inc.

GOAA CONTACTS:

A/E: NONE

Sponsor: Maintenance

OAR: A2 Group, Inc.

Construction: Mike Patterson

FUNDING: O&M (Operations & Maintenance Fund)

PROJECT COST: \$51,561.60

SCOPE: The project scope is to replace a damaged concrete slab and damaged sidewalk in the Employee Parking Bus Loop, located on Casa Verde Road at the Orlando International Airport. Work includes re-sealing of existing joints and various spall repairs. Work also includes materials testing of concrete and soils, Maintenance of Traffic, and utility location services. Work will be performed within one bus loop at a time to allow for closure of one bus loop at a time, only. Work is to be performed during daytime hours and will be closely coordinated with Ground Transportation, Parking, Maintenance, and Landside Operations.

STATUS: Project has achieved substantial completion.

NOTICE TO PROCEED: 03/23/20

CONSTRUCTION COST:

Original Contract		\$45,080.10	
Thru Change Order #	0	\$0.00	0.0%
Current Contract		\$45,080.10	
Paid To Date Thru PA #	1	\$40,572.08	90.0%

TIME(DAYS)

COMPLETION

30	04/21/20
<u>0</u>	
30	04/21/20
Time: 243.3%	

ANTICIPATED COMPLETION: Subst.Comp.
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PROJECTS IN CONSTRUCTION

H-S00013-MCO HBJ BUILDING FIRE WATER LINE TIE-IN

CONTRACTOR:	Carr & Collier Inc.	GOAA CONTACTS:	
A/E:	Avcon, Inc.	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Scott Shedek (DR)
FUNDING:	GARBS (General Account Revenue Bonds)	PROJECT COST:	\$1,150,000.00

SCOPE: Extend a Fire Water Main line, and all associated work, from an existing OUC water main to the HBJ Building to convert the existing sprinkler system, that will be upgraded as necessary, to an OUC water source and remove the current connection to a pump that draws water from an adjacent pond at the Orlando International Airport.

STATUS: Installation of piping from fire pump and electrical rough-in continues. Coordination with HBJ warehouse building systems is on-going.

NOTICE TO PROCEED: 11/05/18

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$611,078.16		120	03/04/19
Thru Change Order #	3	\$220,079.91	36.0%	0	
Current Contract		\$831,158.07		120	03/04/19
Paid To Date Thru PA #	11	\$749,252.72	90.1%	Time: 439.2%	

ANTICIPATED COMPLETION: 7/30/2020
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PROJECTS IN CONSTRUCTION

H-S00021-MCO RELOCATION OF RIB MATERIAL FOR STC AIRFIELD

CONTRACTOR:	Valencia Construction Group, Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	South Terminal Complex Phase 1	PROJECT COST:	\$1,139,866.00

SCOPE: This project consists of the excavation and transport of approximately 133,300 cubic yards of dirt from a portion of the Rapid Infiltration Basins (RIB) south-east of the City of Orlando Conserv facility (see attached for location) and dumped at a location adjacent to the STC airfield area at the Orlando International Airport. RIB rock material also to be excavated and transported to STC airfield location and the unsuitable fabric under the RIB rock to be disposed of. Excavated RIBs to be left at an elevation of 82'.

STATUS: Project is in the mobilization phase.

CONSTRUCTION COST:				NOTICE TO PROCEED: 04/13/20	TIME(DAYS)	COMPLETION
Original Contract		\$241,580.09		60	06/11/20	
Thru Change Order #	0	\$0.00	0.0%	<u>0</u>		
Current Contract		\$241,580.09		60	06/11/20	
Paid To Date Thru PA #	1	\$157,635.41	65.3%	Time: 0.00%		

**ANTICIPATED
COMPLETION:
07/15/2020**

PROJECTS IN CONSTRUCTION

H-S00022-MCO HBJ WAREHOUSE FENCE INSTALLATION

CONTRACTOR:	Carr & Collier Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Scott Shedek (DR)
FUNDING:	Aviation Authority Funds	PROJECT COST:	\$155,363.44

SCOPE: Install approximately 1300 feet of 6' high black vinyl fencing along Dowden Road for the HBJ Warehouse at the Orlando International Airport. Work includes labor and materials to install fence, clear fence line, and restore area at completion of project.

STATUS: Fencing is installed. Access controlled electronic entrance gate added to scope of work.

NOTICE TO PROCEED: 05/14/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$82,453.59	60 07/12/19
Thru Change Order # 3	\$70,356.61 85.3%	<u>0</u>
Current Contract	\$152,810.20	60 07/12/19
Paid To Date Thru PA # 4	\$141,349.43 92.5%	Time: 631.7%

ANTICIPATED COMPLETION: 7/30/2020
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PROJECTS IN CONSTRUCTION

L-00043-MCO ON-CALL LOW VOLTAGE SERVICES (FY20-ARCHIS)

CONTRACTOR:	Archis Inc. d/b/a Archis Technologies	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Information Technology
OAR:	NONE	Construction:	Paul Haust
FUNDING:	O&M (Operations & Maintenance Fund)	PROJECT COST:	\$75,000.00

SCOPE: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport on an on-call basis.

STATUS: This project provides on-call low voltage services for FY 2020.

NOTICE TO PROCEED: 10/01/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$75,000.00	365
Thru Change Order # 0	\$0.00 0.0%	0
Current Contract	\$75,000.00	365
Paid To Date Thru PA # 1	\$8,774.82 11.7%	Time: 39.2%

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

L-00045-MCO ON-CALL LOW VOLTAGE SERVICES (FY20-QCC)

CONTRACTOR:	Quality Cable Contractors, Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Information Technology
OAR:	NONE	Construction:	Paul Haust
FUNDING:	O&M (Operations & Maintenance Fund)	PROJECT COST:	\$350,000.00

SCOPE: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport on an on-call basis.

STATUS: This project provides on-call low voltage services at all Authority facilities located at Orlando International Airport for Fiscal Year 2020.

NOTICE TO PROCEED: 10/01/19

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$350,000.00		366	09/30/20
Thru Change Order #	0	\$0.00	0.0%	<u>0</u>	
Current Contract		\$350,000.00		366	09/30/20
Paid To Date Thru PA #	1	\$7,302.75	2.1%	Time: 28.7%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

L-00046-MCO ON-CALL LOW VOLTAGE SERVICES (FY20-ORION)

CONTRACTOR:	Orion Management Services, LLC	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Information Technology
OAR:	NONE	Construction:	Paul Haust
FUNDING:	O&M (Operations & Maintenance Fund)	PROJECT COST:	\$350,000.00

SCOPE: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport on an on-call basis.

STATUS: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport on an on-call basis.

NOTICE TO PROCEED: 10/01/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$350,000.00	365 09/29/20
Thru Change Order # 0	\$0.00 0.0%	0
Current Contract	\$350,000.00	365 09/29/20
Paid To Date Thru PA # 6	\$168,810.46 48.2%	Time: 61.6%

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

L-00047-MCO ON-CALL LOW VOLTAGE SERVICES (FY20-OBTS)

CONTRACTOR:	Orlando Business Telephone Systems, Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Information Technology
OAR:	NONE	Construction:	Paul Haust
FUNDING:	O&M (Operations & Maintenance Fund)	PROJECT COST:	\$350,000.00

SCOPE: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport on an on-call basis.

STATUS: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport on an on-call basis.

NOTICE TO PROCEED: 10/01/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	365	09/29/20
Thru Change Order # 1	\$0.00 0.0%	<u>0</u>
Current Contract	\$350,000.00	365 09/29/20
Paid To Date Thru PA # 6	\$188,396.68 53.8%	Time: 61.6%

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

L-00051-MCO ON-CALL LOW VOLTAGE SERVICES (FY20-ACCI)

CONTRACTOR: Advanced Cable Connection, Inc. A/E: NONE OAR: NONE FUNDING: O&M (Operations & Maintenance Fund)	GOAA CONTACTS: Sponsor: Information Technology Construction: Paul Haust PROJECT COST: \$75,000.00
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SCOPE: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport on an on-call basis.

STATUS: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport on an on-call basis.

NOTICE TO PROCEED: 02/05/20

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$75,000.00	210
Thru Change Order # 0	\$0.00	0.0%
Current Contract	\$75,000.00	210
Paid To Date Thru PA # 0	\$0.00	0.0%

Time: 0.00%

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

L-S00003-MCO ON-CALL LOW VOLTAGE SERVICES (FY20-ORION) FOR SAPM/ITF

CONTRACTOR: Orion Management Services, LLC A/E: NONE OAR: NONE FUNDING: O&M (Operations & Maintenance Fund)	GOAA CONTACTS: Sponsor: Information Technology Construction: Paul Haust PROJECT COST: \$30,000.00
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SCOPE: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport South APM ITF Building on an on-call basis.

STATUS: On call low voltage services for the South APM ITF through 9/29/2020.

NOTICE TO PROCEED: 10/01/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$30,000.00	365
Thru Change Order # 0	\$0.00 0.0%	<u>0</u>
Current Contract	\$30,000.00	365
Paid To Date Thru PA # 2	\$3,309.61 11.0%	Time: 51.8%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

L-S00004-MCO ON-CALL LOW VOLTAGE SERVICES (FY20-OBTS) FOR SAPM/ITF

CONTRACTOR:	Orlando Business Telephone Systems, Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Information Technology
OAR:	NONE	Construction:	Paul Haust
FUNDING:	O&M (Operations & Maintenance Fund)	PROJECT COST:	\$30,000.00

SCOPE: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport South APM ITF Building on an on-call basis.

STATUS: This project will provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport South APM ITF Building on an on-call basis through 09/29/2020.

NOTICE TO PROCEED: 10/01/19

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$30,000.00	365 09/29/20
Thru Change Order # 1	\$0.00 0.0%	0
Current Contract	\$30,000.00	365 09/29/20
Paid To Date Thru PA # 0	\$0.00 0.0%	Time: 0.00%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

R-00095-MCO EMERGENCY ROOF REPAIRS AND WATERPROOFING MAINTENANCE

CONTRACTOR: P&A Roofing and Sheet Metal, Inc.

A/E: NONE

OAR: NONE

FUNDING:

GOAA CONTACTS:

Sponsor: Maintenance

Construction: Mike Patterson

PROJECT COST: \$150,000.00

SCOPE: Provide emergency response for GOAA building envelope repairs and waterproofing. Perform scheduled maintenance as directed by the AAR at the Orlando International Airport.

STATUS: This project is for on-call maintenance.

NOTICE TO PROCEED: 03/25/19

CONSTRUCTION COST:

Original Contract		\$150,000.00	
Thru Change Order #	0	\$0.00	0.0%
Current Contract		\$150,000.00	
Paid To Date Thru PA #	12	\$82,231.59	54.8%

TIME(DAYS)

COMPLETION

730	03/23/21
<u>0</u>	
730	03/23/21
Time: 58.6%	

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

R-00096-MCO MCO SKYLIGHT REPAIRS AT GREAT HALL

CONTRACTOR:	Advanced Roofing, Inc.	GOAA CONTACTS:	
A/E:	Construction Moisture Consulting, Inc.	Sponsor:	Maintenance
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	John Carlson
FUNDING:	Cap. Ex. (Capital Expenditure Fund)	PROJECT COST:	\$220,000.00

- SCOPE:**
1. Pressure Bar/Fastener Treatment:
 - Remove existing caulking at pressure bars horizontally and vertically then re-fasten screws.
 - Window mullions will then be thoroughly wire wheeled and cleaned utilizing a solvent wipe method.
 - Finally apply Dow 795 Black Silicone Sealant and tool per the manufacturer instructions.
 2. Wet Seal (Glass to Metal Window Mullion):
 - Trim existing window glazing flush with the window mullion then thoroughly cleaned utilizing solvent wipe method. Finally apply Dow 795 Black Silicone Sealant and tool in strict accordance with the “Dow Corning” Weatherproofing Sealant Guide.
 3. Vertical Control Joints @ Parapet Wall:
 - Remove existing sealant at vertical control joints @ parapet wall and lightly abrade joint edges to remove loose residual sealant and apply a new Single Component Corning 790 Limestone/Sandstone sealant.
 4. Rake-Slanted Coating Caulking @ Skylight to Parapet:
 - Remove caulking @ skylight to parapet and replace with Tremco Dymonic 100 Urethane Sealant.
 - Joint surfaces shall be cleaned using high pressure water (minimum 3,000 psi). Loose and/or de-bonded materials will be mechanically removed and will be patched with compatible materials.
 - Tremco Alpha Guard Bio and Alpha Guard Primer will be applied over the existing coating system.
 5. "Y" Connections @ Parapet Walls:
 - Remove sealant and thoroughly clean the "Y" connections of the existing support steel @ parapet walls and gutter lap joints. Clean utilizing a solvent wipe method. Once cleaned, a Dymonic 100 Urethane Sealant shall be applied.
 - Tremco Alpha Guard Bio and Alpha Guard Primer will be applied over the existing coating system.
 6. Gutter Coating / Treatment (6 Gutter Locations):
 - Lap Joint, Penetrations, & Terminations will be wire wheeled and cleaned utilizing a solvent wipe method.
 - Install an Epoxy Based Primer, Urethane Base Coat and UV Stable Topcoat.
- Reference attached Advanced Roofing Proposal dated January 28, 2020.

STATUS: Contractor has completed the final skylight wet seal replacement and pressure bar treatment. Re-coating of the rake-slanted and Y connections are in progress.

NOTICE TO PROCEED: 03/09/20

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$198,319.00	90 06/06/20
Thru Change Order # 0	\$0.00 0.0%	0
Current Contract	\$198,319.00	90 06/06/20
Paid To Date Thru PA # 1	\$89,243.55 45.0%	Time: 0.00%

**ANTICIPATED
COMPLETION:
07/15/2020**

PROJECTS IN CONSTRUCTION

R-00097-MCO ON-CALL EMERGENCY ROOF REPAIRS AND WATERPROOFING MAINTENANCE

CONTRACTOR: P&A Roofing and Sheet Metal, Inc.
A/E: NONE
OAR: NONE
FUNDING: Cap. Ex. (Capital Expenditure Fund)

GOAA CONTACTS:
 Sponsor: Maintenance
Construction: Pat Eby
PROJECT COST: \$150,000.00

SCOPE: Provide emergency response for GOAA Building envelope repairs and waterproofing. Perform scheduled maintenance as directed by the AAR.

STATUS: This project is in the submittal/procurement phase.

NOTICE TO PROCEED: 04/01/20

CONSTRUCTION COST:

Original Contract		\$150,000.00	
Thru Change Order #	0	\$0.00	0.0%
Current Contract		\$150,000.00	
Paid To Date Thru PA #	0	\$0.00	0.0%

TIME(DAYS)	COMPLETION
365	03/31/21
<u>0</u>	
365	03/31/21
Time: 0.00%	

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

V-00906-MCO WEST CHECKPOINT VIDEO WALLS

CONTRACTOR:	H. W. Davis Construction, Inc.	GOAA CONTACTS:	
A/E:	C.T. Hsu & Associates, P.A.	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mark Birkebak
FUNDING:	Cap. Ex. (Capital Expenditure Fund) <small>CIR00470</small>	PROJECT COST:	\$1,995,000.00

SCOPE: Project is to provide two large and two small LED Video walls at the Orlando International Airport. The large video walls measure 3'-6" high by 46'-0" long. The small video walls measure 3'-6" high by 8'-8" long. The video walls will be placed along the newly created vertical wall at the Chili's fascia on both the A side and B side of the Great Hall.

STATUS: Contractor has completed installation of structural steel. Soffit framing is in-progress. LED panels estimated to be delivered late June 2020.

NOTICE TO PROCEED: 01/30/20

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$781,733.00		120	05/28/20
Thru Change Order #	0	\$0.00	0.0%	<u>0</u>	
Current Contract		\$781,733.00		120	05/28/20
Paid To Date Thru PA #	2	\$182,295.27	23.3%	Time: 103.3%	

**ANTICIPATED
COMPLETION:
7/15/2020**

PROJECTS IN CONSTRUCTION

V-00931-MCO HYATT FCU PANEL RELOCATIONS ON 8TH AND 9TH FLOORS

CONTRACTOR: Gomez Construction Company A/E: SGM Engineering, Inc. OAR: AECOM Technical Services, Inc. FUNDING: Cap. Ex. (Capital Expenditure Fund)	GOAA CONTACTS: Sponsor: Hyatt Regency Hotel Construction: Arlene Grant PROJECT COST: \$344,312.89
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SCOPE: The Project consists of providing labor and miscellaneous materials, procurement of permits, supervision necessary to move 12 previously installed Fan Coil Units (FCU), adjust locations of 4 FCU's, 30 Access Panels to FCUs, and/or 30 ceiling mounted Can Light Fixtures as needed on the 8th and 9th Floors at the Hyatt Regency Hotel in the Orlando International Airport. The scope also includes provide and install one new FCU in Room 1050. See Section 4 for Summary of Work and additional information. Contractor shall protect adjoining areas from damage and will remove all debris from the Project site on a daily basis.

STATUS: Project is currently on hold due to COVID-19 impacts.

NOTICE TO PROCEED: 02/11/20

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$248,761.09	98 05/18/20
Thru Change Order # 0	\$0.00 0.0%	<u>0</u>
Current Contract	\$248,761.09	98 05/18/20
Paid To Date Thru PA # 0	\$0.00 0.0%	Time: 0.00%

ANTICIPATED COMPLETION: On Hold
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PROJECTS IN CONSTRUCTION

V-00935-MCO ADDITIONAL CATWALK FOR WEST END BHS D/B

CONTRACTOR:	Gomez Construction Company	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Planning, Engineering, & Construction
OAR:	AECOM Technical Services, Inc.	Construction:	John Carlson
FUNDING:	GARBS (General Account Revenue Bonds)	PROJECT COST:	\$421,750.00

SCOPE: Install additional catwalk on the A and B Side Pod induction and sortation systems at the Orlando International Airport to provide operational (jam clearing) and maintenance access on elevated baggage conveyor sections that currently can only be accessed using lifts.

STATUS: All catwalks complete, awaiting delivery of access ladders.

NOTICE TO PROCEED: 12/04/19

CONSTRUCTION COST:				TIME(DAYS)	COMPLETION
Original Contract		\$336,174.54		190	06/10/20
Thru Change Order #	1	\$23,948.10	7.1%	<u>0</u>	
Current Contract		\$360,122.64		190	06/10/20
Paid To Date Thru PA #	2	\$138,661.85	38.5%	Time: 88.9%	

ANTICIPATED COMPLETION: 06/30/2020

PROJECTS IN CONSTRUCTION

V-00943-MCO AIRSIDES 2 & 4 GUIDEWAY RUNNING SURFACE REFURBISHMENT (D/B)

CONTRACTOR: Gomez Construction Company

GOAA CONTACTS:

A/E: NONE

Sponsor: Maintenance

OAR: Geotech Consultants International, Inc. dba
GCI, Inc.

Construction: John Carlson

FUNDING: Cap. Ex. (Capital Expenditure Fund)

PROJECT COST: \$919,000.00

SCOPE: Design and construct refurbishment of the APM running surface for Airsides 2 & 4 at the Orlando International Airport to extend the service life by approximately 6 years.

STATUS: Airside 4 running pad repairs are complete, crack sealant application in-progress. Work being performed at night, during normal APM maintenance periods. Work on Airside-2 will start in mid-June.

NOTICE TO PROCEED: 01/21/20

CONSTRUCTION COST:

Original Contract		\$715,496.22	
Thru Change Order #	2	\$45,726.92	6.4%
Current Contract		\$761,223.14	
Paid To Date Thru PA #	4	\$268,860.57	35.3%

TIME(DAYS)

210
<u>0</u>
210
Time: 64.8%

COMPLETION

08/17/20
08/17/20

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

V-00945-MCO AIRSIDE 4 GATE DOOR UPGRADES

CONTRACTOR: H. W. Davis Construction, Inc.
A/E: NONE
OAR: NONE
FUNDING: Cap. Ex. (Capital Expenditure Fund)

GOAA CONTACTS:
 Sponsor: Planning, Engineering, & Construction
Construction: Scott Shedek (DR)
PROJECT COST: \$75,000.00

SCOPE: Upgrade doors and access control system for the 80's and 90's wing gate doors at Airside 4 at the Orlando International Airport to remain in compliance with these new regulatory requirements. Scope of work includes modifications to door closures, magnetic locks, repair and replacement of swinging and roll up doors, access control programming and testing, upgrades to existing gate control boxes.

STATUS: This project is in the repair and test phase.

NOTICE TO PROCEED: 11/19/19

CONSTRUCTION COST:

Original Contract		\$70,780.00	
Thru Change Order #	1	\$3,764.00	5.3%
Current Contract		\$74,544.00	
Paid To Date Thru PA #	3	\$67,241.00	90.2%

TIME(DAYS)

COMPLETION

60	01/17/20
<u>0</u>	
60	01/17/20
Time: 213.3%	

ANTICIPATED COMPLETION: 6/30/2020
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PROJECTS IN CONSTRUCTION

V-00951-MCO A AND B SIDE QTA EQUIPMENT UPGRADES

CONTRACTOR:	Gomez Construction Company	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Commercial Properties
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	John Carlson
FUNDING:	To be reimbursed by New RAC Concession Agreement	PROJECT COST:	\$525,278.00

SCOPE: Construct the equipment upgrades at the North Terminal Quick Turn-Around (QTA) facilities at the Orlando International Airport as recommended by AECOM in its Property Condition Assessment Report, Dated July 30, 2019.

STATUS: Project is the submittal phase.

					NOTICE TO PROCEED: 05/04/20		
CONSTRUCTION COST:					TIME(DAYS)	COMPLETION	
Original Contract			\$421,944.47		120	08/31/20	
Thru Change Order #	1		(\$12,881.00)	-3.1%	<u>0</u>		
Current Contract			\$409,063.47		120	08/31/20	
Paid To Date Thru PA #	0		\$0.00	0.0%	Time: 0.00%	ANTICIPATED COMPLETION: On Schedule	

PROJECTS IN CONSTRUCTION

V-00952-MCO QTA BUILDING A1, A2 & A3 UPGRADES

CONTRACTOR: Collage Design and Construction Group, Inc. dba The Collage Companies **GOAA CONTACTS:**

A/E: Schenkel & Shultz, Inc. Sponsor: Commercial Properties

OAR: Geotech Consultants International, Inc. dba GCI, Inc. **Construction:** John Carlson

FUNDING: To be reimbursed by New RAC Concession Agreement **PROJECT COST:** \$977,989.00

SCOPE: Construct the upgrades at the North Terminal Quick Turn-Around (QTA) Building A1, A2, A3 and A Side Fuel Farm at the Orlando International Airport as recommended by AECOM in its Property Condition Assessment Report, Dated July 30, 2019.

STATUS: Project is in the submittal / procurement phase.

CONSTRUCTION COST:				NOTICE TO PROCEED: 05/04/20	
				TIME(DAYS)	COMPLETION
Original Contract		\$830,113.00		120	08/31/20
Thru Change Order #	0	\$0.00	0.0%	0	
Current Contract		\$830,113.00		120	08/31/20
Paid To Date Thru PA #	0	\$0.00	0.0%	Time: 0.00%	

**ANTICIPATED
COMPLETION:
On Schedule**

PROJECTS IN CONSTRUCTION

V-00953-MCO QTA BUILDING B1 & B2 UPGRADES

CONTRACTOR:	T & G Corporation dba T&G Constructors	GOAA CONTACTS:	
A/E:	Schenkel & Shultz, Inc.	Sponsor:	Concessions
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	John Carlson
FUNDING:	To be reimbursed by New RAC Concession Agreement	PROJECT COST:	\$979,572.00

SCOPE: Construct the upgrades at the North Terminal Quick Turn-Around (QTA) Building B1, B2 and B Side Fuel Farm at the Orlando International Airport as recommended by AECOM in its Property Condition Assessment Report, Dated July 30, 2019.

STATUS: Project is in the submittal / procurement phase. Pressure washing of building exteriors and fuel pump canopies is in-progress.

NOTICE TO PROCEED: 05/04/20

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$848,360.44	120 08/31/20
Thru Change Order # 0	\$0.00 0.0%	0
Current Contract	\$848,360.44	120 08/31/20
Paid To Date Thru PA # 0	\$0.00 0.0%	Time: 0.00%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

V-00962-MCO AIRSIDES 3 AND 4 SERVICE ANIMAL RELIEF AREA (SARA)

CONTRACTOR:	H. W. Davis Construction, Inc.	GOAA CONTACTS:	
A/E:	NONE	Sponsor:	Planning, Engineering, & Construction
OAR:	Geotech Consultants International, Inc. dba GCI, Inc.	Construction:	Mike Patterson
FUNDING:	Cap. Ex. (Capital Expenditure Fund)	PROJECT COST:	\$389,000.00

SCOPE: The Project consists of providing all labor, materials and equipment necessary to build-out two (2) new Service Animal Relief Areas (SARA) at Airsides 3 and 4 HUB Terminals at Orlando International Airport. The scope includes installation of metal studs/GWB walls, metal doors, hand sinks, teak bench, a Porch Potty Premium relief area and other accessories, as required, and provide new signage, electrical outlets, fire alarm, fire sprinkler, HVAC, etc. Contractor shall protect surrounding work areas from damage or disfiguration and remove waste materials, debris and rubbish from job site daily. Contractor build-out shall comply with the Permitted Construction Documents and Specifications, dated July 13, 2018, detailed Project Scope and Proposed SARA Floor Plan.

STATUS: AS 3 plumbing rough-in and inspection complete, electrical overhead ongoing. AS 4 electrical rough-in and inspection complete; relocation of ACS and AV strobes done; plumbing rough-in complete.

NOTICE TO PROCEED: 03/30/20

CONSTRUCTION COST:	TIME(DAYS)	COMPLETION
Original Contract	\$315,528.00	110 07/17/20
Thru Change Order # 0	\$0.00 0.0%	<u>0</u>
Current Contract	\$315,528.00	110 07/17/20
Paid To Date Thru PA # 1	\$81,105.79 25.7%	Time: 47.3%

ANTICIPATED COMPLETION: On Schedule
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PROJECTS IN CONSTRUCTION

V-S00010-MCO HBJ WAREHOUSE INTERIOR RENOVATIONS (DESIGN/BUILD)

CONTRACTOR: Gomez Construction Company

A/E: NONE

OAR: NONE

FUNDING: Aviation Authority Funds

GOAA CONTACTS:

Sponsor: Planning, Engineering, & Construction

Construction: Scott Shedek (DR)

PROJECT COST: \$1,330,000.00

SCOPE: Provide design/build services for the HBJ Warehouse Interior Renovation, all aspects of interior renovation including demolition, remodeling, flooring, electrical, HVAC, low voltage, fire protection, and security at the Orlando International Airport. Mold remediation utilizing a TBD continuing contractor (\$75,000) and temporary storage utilizing a TBD continuing contractor (\$100,000) included in scope of work.

STATUS: Contractor coordinating fire pump building work with HBJ warehouse fire alarm control panel.

NOTICE TO PROCEED: 08/16/18

CONSTRUCTION COST:

Original Contract		\$591,588.17	
Thru Change Order #	9	\$478,593.51	80.9%
Current Contract		\$1,070,181.68	
Paid To Date Thru PA #	6	\$982,933.99	91.8%

TIME(DAYS)

130
<u>29</u>
159
Time: 330.8%

COMPLETION

12/23/18
01/21/19

ANTICIPATED COMPLETION: 07/30/2020
