CENTRAL FLORIDA EXPRESSWAY AUTHORITY

MEMORANDUM

TO: CFX Board Members

FROM: Aneth Williams
           Director of Procurement

DATE: January 23, 2017

RE: Approval of Purchase Order to Dasher Technologies for Toll Revenue Host
           Upgrades (TRIMS)

Board approval is requested to issue a purchase order to Dasher Technologies in the amount of $309,945.44. This will be a cooperative (piggyback) procurement based on the current HP NASPO ValuePoint Master Agreement No. MNNVP-134 and the State of Florida Participating Addendum No. 43211500-WSCA-15-ACS Agreement which will allow CFX to take advantage of the favorable rates already negotiated by the State of Florida. CFX also requested and received quotes from two other companies on the list.

This purchase is to upgrade the network equipment and storage for the legacy host system that is used to process CFX's toll transactions and customer accounts.

This project is funded in the Five Year Work Plan.

Reviewed by:

Mahmood Haq
Information Security Manager

Dasher Technologies Corporate Offices
554 37th Street North
Birmingham, AL 35222
Ph: (800) 638-4833
Fax: (205) 591-1108
Rick Starr 954-560-7425
rick.starr@dasher.com

YOUR FAST TRACK TO
IT SUCCESS

To: Dennis O'Brien
Central Florida Expressway Authority
978-777-7247
dennis.obrien@bruden.com

Quote #:	**524684-001**
Quote Prepared:	9/16/2016
Quote Valid Through:	12/31/2016

RX2800-MSA2040- 4x16GB FC Switches and Tape Library

Line	QTY	Product	Description	Unit Sell	Ext Sell
100	1	**HPE RX2800**		**$72,156.66**	**$72,156.66**
110	2	AT101A	HP rx2800 i4 Rack-Optimized Server	$2,330.66	$4,661.32
120	2	AT138A	HP rx2800 i4 Itanium 9550 4c Proc Kit	$4,697.69	$9,395.38
130	2	AT138A#0D1	Factory integrated	$0.00	$0.00
140	2	AM227A	HP rx2800 i2 Racking Kit	$110.02	$220.04
150	2	AM227A#B01	Include with complete system	$0.00	$0.00
160	4	AM228A	HP rx2800 i2 PCIe 3-Slot Riser Board	$263.88	$1,055.52
170	4	AM228A#0D1	Factory integrated	$0.00	$0.00
180	2	AT133A	HP rx2800 i4 Redundant Power Supply	$434.77	$869.54
190	2	AT133A#0D1	Factory integrated	$0.00	$0.00
200	2	AT103A	HP rx2800 i4 6-Slot Mem Expansion Board	$659.09	$1,318.18
210	2	AT103A#0D1	Factory integrated	$0.00	$0.00
220	8	AT110A	HP rx2800i4 32GB(2x16GB)PC3L-10600R-9Kit	$3,496.30	$27,970.40
230	8	AT110A#0D1	Factory integrated	$0.00	$0.00
240	4	B9F32A	HP 600GB 12G SAS 15K 2.5in ENT HDD	$1,229.40	$4,917.60
250	4	B9F32A#0D1	Factory integrated	$0.00	$0.00
260	2	AM239A	HP Integrity Factory Level 1 RAID	$65.96	$131.92
270	2	AM252A	HP rx2800 i2 512MB FBWC Kit	$462.22	$924.44
280	2	AM252A#0D1	Factory integrated	$0.00	$0.00
290	2	AM242A	HP Slimline DVD-ROM Optical Drive	$122.27	$244.54
300	2	AM242A#0D1	Factory integrated	$0.00	$0.00
310	4	B9F24A	HP Integrity SN1000Q 2p 16Gb FC HBA	$4,460.70	$17,842.80
320	4	B9F24A#0D1	Factory integrated	$0.00	$0.00
330	1	H1K92A3	HPE 3Y Proactive Care 24x7 Service	$0.00	$0.00
340	2	H1K92A3#RAM	HPE rx2800 i4 server chassis Support	$360.10	$720.20
350	2	H1K92A3#RAN	HPE rx2800 i4 Processor Kit Support	$431.50	$863.00
360	1	HA113A1	HPE Installation Service	$0.00	$0.00
370	2	HA113A1#565	HPE Integrity 2socket Server Install SVC	$510.89	$1,021.78

Line	QTY	Product	Description	Unit Sell	Ext Sell
380	1	**HPE MSA2040**		**$108,583.16**	**$108,583.16**
390	2	K2R80A	HPE MSA 2040 ES SAN DC SFF Storage	$6,968.51	$13,937.02
400	12	N9X96A	HPE MSA 800GB 12G SAS MU 2.5in SSD	$1,691.44	$20,297.28
410	12	N9X96A#0D1	Factory integrated	$0.00	$0.00
420	2	C8R24A	HPE MSA 2040 16Gb SW FC SFP 4 Pk	$704.88	$1,409.76
430	2	C8R24A#0D1	Factory integrated	$0.00	$0.00
440	1	HA114A1	HP Installation and Startup Service	$0.00	$0.00
450	2	HA114A1#5J0	HPE MSA Family Startup SVC	$2,055.14	$4,110.28
460	2	QW937A	HPE SN3000B 24/12 FC Switch	$3,620.07	$7,240.14
470	2	QW937A#05Y	2.4m Jumper (IEC320 C13/C14, M/F CEE 22)	$0.00	$0.00
480	4	AJ716B	HPE 8Gb Short Wave B-Series SFP+ 1 Pack	$88.77	$355.08

490	4	AJ716B#0D1	Factory integrated	$0.00	$0.00
500	4	AJ717A	HPE 8Gb LW B-series 10km FC SFP+ 1 Pack	$738.26	$2,953.04
510	4	AJ717A#0D1	Factory integrated	$0.00	$0.00
520	16	QK724A	HPE B-series 16Gb SFP+SW XCVR	$137.94	$2,207.04
530	16	QK724A#0D1	Factory integrated	$0.00	$0.00
540	1	HA113A1	HPE Installation Service	$0.00	$0.00
550	2	HA113A1#5GA	HPE LowEnd SAN/Edge Switch/HAFM Inst SVC	$402.65	$805.30
560	2	TC472AAE	HPE Intelligent Inft Anlyzer SW v2 E-LTU	$530.31	$1,060.62
570	1	H1K92A3	HPE 3Y Proactive Care 24x7 Service	$0.00	$0.00
580	2	H1K92A3#1N7	HPE MSA2000 G3 Support	$2,222.65	$4,445.30
590	2	H1K92A3#9LJ	HPE B-Series 8/8 and 8/24 Switch Support	$737.07	$1,474.14
600	2	H1K92A3#RWG	HPE Intelligent Infra Analyzer LTU Supp	$470.63	$941.26
610	2	N9Y63A	HPE B-series 4G USB Drive	$114.02	$228.04
620	2	QW939A	HPE SN3000B Optional Power Supply	$1,707.13	$3,414.26
630	2	QW939A#05Y	2.4m Jumper (IEC320 C13/C14, M/F CEE 22)	$0.00	$0.00
640	16	QK734A	HPE Premier Flex LC/LC OM4 2f 5m Cbl	$44.49	$711.84
650	4	QK735A	HPE Premier Flex LC/LC OM4 2f 15m Cbl	$62.89	$251.56
660	1	K2R80A	HPE MSA 2040 ES SAN DC SFF Storage	$6,968.51	$6,968.51
670	6	N9X96A	HPE MSA 800GB 12G SAS MU 2.5in SSD	$1,691.44	$10,148.64
680	6	N9X96A#0D1	Factory integrated	$0.00	$0.00
690	1	C8R24A	HPE MSA 2040 16Gb SW FC SFP 4 Pk	$704.88	$704.88
700	1	C8R24A#0D1	Factory integrated	$0.00	$0.00
710	1	HA114A1	HP Installation and Startup Service	$0.00	$0.00
720	1	HA114A1#5J0	HPE MSA Family Startup SVC	$2,055.14	$2,055.14
730	2	QW937A	HPE SN3000B 24/12 FC Switch	$3,620.07	$7,240.14
740	2	QW937A#05Y	2.4m Jumper (IEC320 C13/C14, M/F CEE 22)	$0.00	$0.00
750	4	AJ716B	HPE 8Gb Short Wave B-Series SFP+ 1 Pack	$88.77	$355.08
760	4	AJ716B#0D1	Factory integrated	$0.00	$0.00
770	4	AJ717A	HPE 8Gb LW B-series 10km FC SFP+ 1 Pack	$738.26	$2,953.04
780	4	AJ717A#0D1	Factory integrated	$0.00	$0.00
790	16	QK724A	HPE B-series 16Gb SFP+SW XCVR	$137.94	$2,207.04
800	16	QK724A#0D1	Factory integrated	$0.00	$0.00
810	1	HA113A1	HPE Installation Service	$0.00	$0.00
820	2	HA113A1#5GA	HPE LowEnd SAN/Edge Switch/HAFM Inst SVC	$402.65	$805.30
830	1	TC472AAE	HPE Intelligent Inft Anlyzer SW v2 E-LTU	$530.31	$530.31
840	1	H1K92A3	HPE 3Y Proactive Care 24x7 Service	$0.00	$0.00
850	1	H1K92A3#1N7	HPE MSA2000 G3 Support	$2,222.65	$2,222.65
860	2	H1K92A3#9LJ	HPE B-Series 8/8 and 8/24 Switch Support	$737.07	$1,474.14
870	1	H1K92A3#RWG	HPE Intelligent Infra Analyzer LTU Supp	$470.63	$470.63
880	2	N9Y63A	HPE B-series 4G USB Drive	$114.02	$228.04
890	2	QW939A	HPE SN3000B Optional Power Supply	$1,707.13	$3,414.26
900	2	QW939A#05Y	2.4m Jumper (IEC320 C13/C14, M/F CEE 22)	$0.00	$0.00
910	16	QK734A	HPE Premier Flex LC/LC OM4 2f 5m Cbl	$44.49	$711.84
920	4	QK735A	HPE Premier Flex LC/LC OM4 2f 15m Cbl	$62.89	$251.56

930	**1**	**HPE MSL4048**		**$65,757.62**	**$65,757.62**
940	2	AK381A	HPE MSL4048 0-Drive Tape Library	$3,420.66	$6,841.32
950	1	HA114A1	HP Installation and Startup Service	$0.00	$0.00
960	2	HA114A1#5DS	HPE StoreEver MSL 2024/4048 Startup SVC	$2,704.11	$5,408.22
970	4	N7P36A	HPE MSL LTO-7 FC Drive Upgrade Kit	$3,564.73	$14,258.92

980	2	AH220A	HPE MSL Redundant Power Supply Kit	$480.72	$961.44
990	2	TC406AAE	HPE StoreEver MSL TapeAssure Adv E-LTU	$1,330.13	$2,660.26
1000	1	H1K92A3	HPE 3Y Proactive Care 24x7 Service	$0.00	$0.00
1010	2	H1K92A3#80K	HPE MSL4048 Library Support	$4,323.57	$8,647.14
1020	2	H1K92A3#QC1	HPE MSL TapeAssure Adv Lic Support	$2,433.70	$4,867.40
1030	2	B9F24A	HP Integrity SN1000Q 2p 16Gb FC HBA	$4,460.70	$8,921.40
1040	1	HA113A1	HPE Installation Service	$0.00	$0.00
1050	2	HA113A1#57D	HPE HBA/SPI Board/Router Install Service	$328.43	$656.86
1060	4	HA113A1#5DU	HPE StoreEver Driv PwrSupCrd Install SVC	$252.39	$1,009.56
1070	6	QK733A	HPE Premier Flex LC/LC OM4 2f 2m Cbl	$41.43	$248.58
1080	4	C7977AN	HPE LTO-7 Ultrium Non Custom Lbl 20 Pk	$2,819.13	$11,276.52

1090	1	**TS Support Credits**		$63,448.00	$63,448.00
1100	2	H1SR4AS	HPE TS Support Credits SVC	$0.00	$0.00
1110	10	H0JD4A1	HPE 1Y TS Support Credits 10 Per Yr SVC	$0.00	$0.00
1120	10	H0JD4A1#WFH	HPE TS Support Credits 10 Per Yr SVC	$1,623.85	$16,238.50
1130	2	H1SR4AS	HPE TS Support Credits SVC	$0.00	$0.00
1140	30	H0JD4A1	HPE 1Y TS Support Credits 10 Per Yr SVC	$0.00	$0.00
1150	30	H0JD4A1#WFM	HPE TS Support Credits 10 Per Yr SVC	$1,573.65	$47,209.50

SubTotal	**$309,945.44**
Tax	**TBD**
Freight	**$0.00**
GrandTotal	**$309,945.44**

Notes:

1	524684-001	HP NASPO ValuePoint Master Agreement number (MNNVP-134) and the State of Florida Participating Addendum number (43211500-WSCA-15-ACS)