



**SECTION 2 - SPECIAL TERMS AND CONDITIONS****2.1 PURPOSE**

The purpose of this solicitation is to purchase Hewlett Packard Enterprise (HPE) hardware and services as outlined within Section 3 "Technical Specifications." The equipment is required by the Miami-Dade Information Technology Department (ITD) to upgrade HPE 3PAR Primera A650 Array-2 Equipment Storage.

**2.2 TERM OF CONTRACT**

This contract shall commence upon the date of the purchase order and shall remain in effect until such time as all items purchased in conjunction with this solicitation have been delivered and accepted by the County's authorized representative and upon completion of the expressed and/or implied warranty periods.

**2.3 METHOD OF AWARD**

Award of this contract will be made to the responsive, responsible Bidder who submits an offer on all items listed in the solicitation and whose offer represents the lowest price when all items are added in the aggregate. If a Bidder fails to submit an offer on all items, its overall offer may be rejected. The County will award the total contract to a single vendor.

**2.5 PRICES**

If the Bidder is awarded a contract under this solicitation, the prices proposed by the Bidder shall remain fixed and firm during the term of the contract.

**2.6 CERTIFICATIONS**

In order to be considered for award of this solicitation, Bidder(s) must be the Original Equipment Manufacturer (OEM) or an HPE Gold or Platinum Partner. Bidder(s) are advised that along with their bid submission, an authorization letter from HPE must be included confirming the current status of the firm as being a certified HPE Partner.

**2.7 ACCEPTANCE OF PRODUCT BY THE COUNTY**

The product(s) to be provided hereunder shall be delivered to the County, and maintained if applicable to the contract, in full compliance with the specifications and requirements set forth in this contract. If a vendor-provided product is determined to not meet the specifications and requirements of this contract, either prior to acceptance or upon initial inspection, the item will be returned, at vendor expense, to the vendor. At the County's own option, the vendor shall either provide a direct replacement for the item, or provide a full credit for the returned item. The vendor shall not assess any additional charge(s) for any conforming action taken by the County under this clause.

**2.8 "EQUAL" PRODUCT CANNOT BE CONSIDERED**

The specific items listed in Section 3.2, "Equipment to be Provided," are the only products that will be accepted under this solicitation because these items are formally approved/authorized by the Miami-Dade Information Technology Department. "Equal" products shall not be considered.

**2.9 PACKING SLIP / DELIVERY TICKET TO ACCOMPANY ITEMS DURING DELIVERY**

The successful Bidder shall enclose a complete packing slip or delivery ticket with any items to be delivered in conjunction with this bid solicitation. The packing slip shall be attached to the shipping carton(s) which contain the items and shall be made available to the County's authorized representative during delivery. The packing slip or delivery ticket shall include, at a minimum, the following information: purchase order number; date of order; a complete listing of items being delivered; and back-order quantities and estimated delivery of back-orders if applicable.

**2.10 INSURANCE REQUIREMENTS**

See Section 1, Paragraph 1.22 in General Terms and Conditions.

In addition to those provisions outlined in Section 1.22 of the General Terms and Conditions, the following shall apply:

Awarded Bidder shall require and verify that all of its subcontractors of any tier and/or any suppliers (i.e. product manufacturers) provide insurance coverage (including additional insured provisions) and limits identical to the insurance required of the Awarded Bidder under this agreement unless otherwise accepted. Miami Dade County reserves the right to request copies of subcontractor's and/or supplier certificates of insurance at any time.

**2.11 DELIVERY LOCATION**

The HPE hardware and services that will be awarded as a result of this solicitation must be packaged and shipped to the following Miami-Dade County address:

Miami-Dade County  
Information Technology Department  
5680 SW 87<sup>th</sup> Avenue  
Miami, Florida 33173

**SECTION 3 – TECHNICAL SPECIFICATIONS****3.1 SCOPE OF WORK**

The purpose of this solicitation is to purchase Hewlett Packard Enterprise (HPE) hardware and services as further defined below. The equipment is required by the Miami-Dade Information Technology Department (ITD) to upgrade HPE 3PAR Primera A650 Array-2 Equipment Storage.

**3.2 GOODS / SERVICES TO BE PROVIDED**

The equipment and services to be provided correspond to an ITD HPE 3PAR Primera Array-2 Equipment Storage project. The required items are identified below:

<b>Manufacturer Part #</b>	<b>Description</b>
	<b>Rack and Accessories</b>
P9K08A	HPE 42U 600x1075mm Adv G2 Kit Shck Rack
P9K08A 001	HPE Factory Express Base Racking Service
Q1H95A	HPE 3PAR 1U Rack Accessories Kit
P9Q41A	HPE G2 Basic 4.9kVA/-20 C13 NA/JP PDU
	<b>Primera Hardware</b>
N9Z47A	HPE Primera 600 4-way Storage Base
N9Z61A	HPE Primera A650 4N Controller
581817-B21	Configurator Defined Build Instructions
R1P29A	HPE Primera 600 Data Encryption LTU
R1P32A	HPE Primera 600 w/o Installation SVC
R0Q00A	HPE Primera 600 7.68TB SAS SFF FE SSD
N9Z39A	HPE Primera 600 32Gb 4p FC HBA
716195-B21	HPE Ext 1.0m MiniSAS HD-MiniSAS HD Cbl
N9Z50A	HPE Primera 600 2U 24d SFF Drv Encl
R1P30A	HPE Primera 600 SW Media Kit
QK734A	HPE Premier Flex LC/LC OM4 2f 5m Cbl
	<b>Primera Support</b>
H1K92A5	HPE 5Y Proactive Care 24x7 Service
H1K92A5 Z0A	HPE Primera 600 4-way Storage Base Supp
H1K92A5 WSF	HPE Internal Entitlement Support
H1K92A5 Z0D	HPE Primera A650/C650 4N Controller Supp
H1K92A5 Z0J	HPE Primera 600 2U24 SFF Enclosure Supp
H1K92A5 Z0N	HPE Primera 600 4p 32Gb FC HBA Support

H1K92A5 Z0X	HPE Primera 600 7.68TB SFF FE SSD Supp
H1K92A5 Z15	HPE Primera 600 Data Encryption LTU Supp
H0JD6A1	HPE Storage SSD Extended Replacement SVC

### 3.3 **HPE TECHNICAL INSTALLATION STARTUP REQUIREMENTS**

HPE 3PAR Storage - Installation and Startup Services minimum requirements are as follows:

#### 3.3.1 - SERVICE PLANNING AND COORDINATION:

A Hewlett Packard Enterprise service specialist to be defined as an OEM employee or a qualified HPE partner employee.

A Hewlett Packard Enterprise service specialist will plan all the necessary activities, including the identification of any prerequisites (see the 'Service eligibility' section), and schedule the delivery of the service at a time mutually agreed upon by HPE and the County Project Manager, which shall be during local HPE standard business hours excluding HPE holidays, unless otherwise agreed in writing. The service specialist will provide the planning and coordination activities detailed below either remotely or onsite, as required.

The service specialist will perform the following installation planning and coordination activities:

- Communicate with the Customer, which includes fielding the Customer's queries regarding service delivery as well as requesting any information needed from the Customer.
- Verify, using a pre-delivery checklist, that all service prerequisites have been met, and that the County's host and SAN environment are compatible with any required HPE 3PAR Operating System upgrades or patches prior to delivery of the installation services.
- Schedule the array deployment at a mutually agreed-upon time.
- Facilitate a brief discussion to guide the County Technician and users in defining array configuration objectives based on application performance, availability needs, virtual volume layout, and Hewlett Packard Enterprise best practices

#### 3.3.2 - SERVICE DEPLOYMENT:

- Coordinate the installation
- Install HPE 3PAR StoreServ Storage hardware and upgrades according to the product specifications
- Upgrade to the latest release of HPE 3PAR Operating System and confirm that the HPE 3PAR Operating System is at a supported and appropriate version
- Initialize the array.
- If required, assist the Customer with installation of HPE 3PAR Management Console software on a County provided server.
- Verify that the license keys for the purchased HPE 3PAR Operating System Software Suite array-based features are installed, that the County has access to appropriate product documentation, and that the County staff understands how to obtain additional optional integration assistance if required
- For initial installation of an array, create and present a test virtual volume using non-production data for up to two hosts

- For hardware performance, capacity, and functionality upgrades, as applicable, verify that the required HPE 3PAR Operating System version or patches are installed; if they are not installed and the County is entitled to updates, install the required HPE 3PAR Operating System updates or patches, and install and initialize any purchased upgrade components
- For HPE 3PAR software beyond the HPE 3PAR Operating System Software Suite, provide the County with instructions on how to access appropriate product documentation and how to obtain additional optional integration assistance if required
- As applicable, provide limited integration of up to two hosts (physical or virtual) running a single OS into a preexisting operational SAN/network consisting of switch technologies that meet the supportability standards of the HPE SAN Design Guide or another HPE supported configuration; integration of a host is defined as performance of the following essential tasks necessary to establish and confirm visibility of a test virtual volume to the intended host:
  - Advise the County of zoning and multipathing requirements based on the host implementation guides
  - Verify that the County technical team has read/write access to virtual volumes from the target hosts.
  - Confirm that the County has path failover and fallback functionality to the target hosts
- For the HPE 3PAR StoreServ Service Processor:

### 3.3.3 - INSTALLATION VERIFICATION TEST (iVT):

HPE to perform the appropriate installation verification tests to confirm product functionality, including verification that:

- The event logs are accumulating data.
- Visibility of a test virtual volume using non-production data for up to two hosts, as applicable, can be confirmed
- The remote support and monitoring solution is installed and operational, as applicable

### 3.3.4 - CUSTOMER ORIENTATION SESSION:

For installation of a new array, the service specialist will conduct an orientation session of up to 1-hour duration for the HPE 3PAR StoreServ 8000 Storage and up to 4-hour duration for HPE 3PAR StoreServ 20000 Storage, with the goal of reviewing the configuration information and demonstrating basic operation of the installed HPE 3PAR StoreServ Storage product.

During the orientation session, the HPE shall, if applicable:

- Provide the Customer with information about how to obtain array configuration information.
- Demonstrate the creation of a virtual volume
- Highlight the basic operation of the virtual or physical service processor, array hardware, and HPE 3PAR Operating System
- Verify that the Customer understands how to gain access to product documentation
- Provide an overview of the system architecture
- Inform the County technicians how to contact Hewlett Packard Enterprise for support
- Hold a brief question and answer forum with the County.

Provide orientation training on the installation. The session is informal and will be held at a management console with selected members of the County technical team. This is not intended as a classroom activity or substitute for formal product training

**3.3.5 - COUNTY RESPONSIBILITIES:**

- Contact a Hewlett Packard Enterprise service specialist within 90 days of date of award to schedule the delivery of the service.
- Coordinate service deployment on third-party-maintained products (if applicable) with Hewlett Packard Enterprise.
- Ensure that all service prerequisites as identified in the 'Service eligibility' section have been met prior to service delivery
- Complete and return the prerequisite Hewlett Packard Enterprise pre-delivery checklist to the service specialist at least two weeks prior to the start of the service, including array configuration information for upgrade installations, as necessary
- Assign a designated person from the Customer's staff who, on behalf of the Customer, will grant all approvals, provide information, and otherwise be available to assist Hewlett Packard Enterprise in facilitating the delivery of this service.
- Ensure that all hardware, firmware, and software that the service specialist will need to deliver this services are available and that software products are properly licensed.
- Ensure the availability of one or more individuals who will provide administrator-level access to the systems where the work is to be performed

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