

DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

☒ New ☐ OTR ☐ Sole Source ☐ Bid Waiver ☐ Emergency Previous Contract/Project No. _____

☐ Contract
☐ Re-Bid ☐ Other LIVING WAGE APPLIES: ☐ YES ☒ NO

Requisition No./Project No.: RQET1700014 TERM OF CONTRACT 0 YEAR(S) WITH 0 1 YEAR OTRs

Requisition /Project Title: Hewlett Packard Network Hardware and Services

Description:

The purpose of this solicitation is to purchase Hewlett Packard (HP) network hardware and services. The equipment is required by the Miami-Dade Information Technology Department (ITD) to upgrade HP 3PAR Storage at WASD Facility. All purchases made against the resultant contract shall be made through a certified HP partner. This is a one-time purchase.

Issuing Department: ITD Contact Person: Santiago A. Pastoriza Phone: 305-375-1084

Estimate Cost: \$ 274,382.25

Funding Source: Internal Services Funds

ANALYSIS

Commodity Codes:	<u>20540</u>				
Contract/Project History of previous purchases three (3) years Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.					
	<u>EXISTING</u>	<u>2ND YEAR</u>	<u>3RD YEAR</u>		
Contractor:					
Small Business Enterprise:					
Contract Value:	\$	\$	\$		

Comments: In order to be considered for award of this solicitation, Bidders must be a Certified Hewlett Packard Partner

Continued on another page (s): ☐ YES ☒ NO

RECOMMENDATIONS

	Set-aside	Sub-contractor goal	Bid preference	Selection factor
SBE				

Basis of recommendation:

See bid document

Signed: <u>Santiago A. Pastoriza</u>	Date sent to SBD: <u>02/24/2017</u>
	Date returned to ISD Procurement: _____

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SECTION 2 - SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The purpose of this solicitation is to purchase Hewlett Packard (HP) hardware and services as outlined within Section 3 "Technical Specifications". The equipment is required by the Miami-Dade Information Technology Department (ITD) to upgrade HP 3PAR Storage at WASD Facility. All projects specifies HP hardware. Consequently, all purchases made against the resultant contract shall be made through a certified HP partner.

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 a certified HP Partner. Bidder(s) are advised that along with their bid submission, an authorization letter from HP must be included confirming the current status of the firm as being a certified HP 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.

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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 DELIVERY AT MIAMI-DADE COUNTY LOCATION

Will be delivered to the Miami-Dade County - ICF, 11500 NW 25th Street, Miami Florida 33172 – (PSR#201701400085)

2.11 Insurance is required

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SECTION 3 – TECHNICAL SPECIFICATIONS

3.1 SCOPE OF WORK

The purpose of this solicitation is to purchase Hewlett Packard (HP) equipment and services. The equipment is required by the Miami-Dade Information Technology Department (ITD)) to upgrade server and backup environment utilizing HP hardware. Consequently all purchases made against the resultant contract shall be made through a certified HP partner.

3.2 GOODS / SERVICES TO BE PROVIDED

The equipment to be provided correspond to the requirements for these items will be delivered to the Miami-Dade County - ICF, 11500 NW 25th Street, Miami Florida 33172. The required hardware is identified below:

201701400085	
Manufacturer Part #	Description
	Management Server Upgrade
755258-B21	HP DL360 Gen9 8SFF CTO Serve
755382-L21	HP DL360 Gen9 E5-2620v3 FIO Kit
755382-B21	HP DL360 Gen9 E5-2620v3 Kit
726718-B21	HP 8GB 1Rx4 PC4-2133P-R Kit
764632-B21	HP DL360 Gen9 SFF DVD-RW/USB Kit
749974-B21	HP Smart Array P440ar/2G FIO Controller
781518-B21	HP 1.2TB 12G SAS 10K 2.5in SC ENT HDD
734807-B21	HP 1U SFF Easy Install Rail K
720478-B21	HP 500W FS Plat Ht Plg Pwr Supply K
734811-B21	HP 1U CMA for Easy Install Rail Kit
BD505A	HP iLO Adv incl 1yr TS U E-LTU
U7AQ0E	HP 5y Nbd DL360 Gen9 FC Service DMR
755258-B21	HP DL360 Gen9 8SFF CTO Server
755382-L21	HP DL360 Gen9 E5-2620v3 FIO Kit
755382-B21	HP DL360 Gen9 E5-2620v3 Kit
726719-B21	HP 16GB 2Rx4 PC4-2133P-R Kit

764632-B21	HP DL360 Gen9 SFF DVD-RW/USB Kit
781518-B21	HP 1.2TB 12G SAS 10K 2.5in SC ENT HDD
749974-B21	HP Smart Array P440ar/2G FIO Controller
734807-B21	HP 1U SFF Easy Install Rail Kit
720478-B21	HP 500W FS Plat Ht Plg Pwr Supply Kit
734811-B21	HP 1U CMA for Easy Install Rail Kit
BD505A	HP iLO Adv incl 1yr TS U E-LTU
U7AQ0E	HP 5y Nbd DL360 Gen9 FC Service DMR
727021-B21	HP BL460c Gen9 10Gb/20Gb FLB CTO Blade
726995-L21	HP BL460c Gen9 E5-2620v3 FIO Kit
726995-B21	HP BL460c Gen9 E5-2620v3 Kit
726718-B21	HP 8GB 1Rx4 PC4-2133P-R Kit
781518-B21	HP 1.2TB 12G SAS 10K 2.5in SC ENT HDD
766491-B21	HP FlexFabric 10Gb 2P 536FLB FIO Adptr
761871-B21	HP Smart Array P244br/1G FIO Controller
U7BR6E	HPE 5Y FC NBD BL4xxc Gen9 SVC DMR
	NICE upgrade
727021-B21	HP BL460c Gen9 10Gb/20Gb FLB CTO Blade
726995-L21	HP BL460c Gen9 E5-2620v3 FIO Kit
726718-B21	HP 8GB 1Rx4 PC4-2133P-R Kit
781518-B21	HP 1.2TB 12G SAS 10K 2.5in SC ENT HDD
766491-B21	HP FlexFabric 10Gb 2P 536FLB FIO Adptr
761871-B21	HP Smart Array P244br/1G FIO Controller
U7BR6E	HPE 5Y FC NBD BL4xxc Gen9 SVC DMR
767032-B21	HP DL380 Gen9 24SFF CTO Server
719051-L21	HP DL380 Gen9 E5-2620v3 FIO Kit
726718-B21	HP 8GB 1Rx4 PC4-2133P-R Kit
724864-B21	HP DL380 Gen9 2SFF Bay Kit
781518-B21	HP 1.2TB 12G SAS 10K 2.5in SC ENT HDD
785067-B21	HP 300GB 12G SAS 10K 2.5in SC ENT HDD
749974-B21	HP Smart Array P440ar/2GB FBWC 12Gb 2-ports Int FIO SAS Controller, includes the HP Smart Storage Battery. Provides support for up to 8 internal SAS/SATA drives without using a PCIe slot.
727250-B21	727250-B21 HP 12Gb DL380 Gen9 SAS Expander Card
733660-B21	HP 2U SFF Easy Install Rail Kit
720478-B21	HP 500W FS Plat Ht Plg Pwr Supply Kit

733664-B21	HP 2U CMA for Easy Install Rail Kit
512485-B21	HP ProLiant Essentials Integrated Lights-Out Advanced Pack, No Media, 1-Server License, including 1 year of 24x7 Technical Support and Updates
U7AH6E	HP 5y Nbd DL380 Gen9 FC Service, ProLiant DL380 Gen9, 9x5 HW support, next business day onsite response. 24x7 Basic SW phone support with collaborative call mgmt. DMR
754534-B21	HP ML350R09 SFF CTO Server
726658-L21	HP ML350 Gen9 E5-2620v3 FIO Kit
726658-B21	HP ML350 Gen9 E5-2620v3 Kit
726718-B21	HP 8GB 1Rx4 PC4-2133P-R Kit
781518-B21	HP 1.2TB 12G SAS 10K 2.5in SC ENT HDD
765652-B21	HP ML350 Gen9 AROC cable kit
749974-B21	HP Smart Array P440ar/2GB FBWC 12Gb 2-ports Int FIO SAS Controller, includes the HP Smart Storage Battery. Provides support for up to 8 internal SAS/SATA drives without using a PCIe slot.
720479-B21	HP 800W FS Plat Ht Plg Pwr Supply Kit
790357-B21	HP ML350 Gen9 5U Rail FIO Kit
512485-B2	HP ProLiant Essentials Integrated Lights-Out Advanced Pack, No Media, 1-Server License, including 1 year of 24x7 Technical Support and Updates
U7BK2E	HP 5y Nbd ML350 Gen9 FC Service DMR

3.3 HP TECHNICAL INSTALLATION STARTUP REQUIREMENTS

HPE Installation and Startup Services minimum requirements-

3.3.1 - SERVICE PLANNING AND COORDINATION:

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 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 hardware and upgrades according to the product specifications
- Upgrade to the latest release of HPE Operating System and confirm that the HPE Operating System is at a supported and appropriate version
- Initialize the array.
- If required, assist the Customer with installation of HPE Management Console software on a County provided server.
- Verify that the license keys for the purchased HPE 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 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 software beyond the HPE 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 failback functionality to the target hosts

3.3.3 - INSTALLATION VERIFICATION TEST:

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 Hardware and up to 4-hour duration for HPE Hardware, with the goal of reviewing the configuration information and demonstrating basic operation of the installed HPE Hardware 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 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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