DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

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

Contract   9676-3/17-2

☑ Re-Bid   ☐ Other   LIVING WAGE APPLIES: ☐ YES ☑ NO

Requisition No./Project No.: RQET1600048   TERM OF CONTRACT 0 YEAR(S) WITH 0 1YEAR OTRs

Requisition /Project Title: EMC

Description:

Issuing Department: ITD   Contact Person: Juliana Manjarres   Phone: 305-375-3065

Estimate Cost: 689,192.65

Funding Source: Propietary

ANALYSIS

Commodity Codes: 205

Contract/Project History of previous purchases three (3) years

Check here ☑ if this is a new contract/purchase with no previous history.

	EXISTING	**2ND YEAR**	**3RD YEAR**
Contractor:			
Small Business Enterprise:			
Contract Value:			

Comments:

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: Juliana Manjarres	Date sent to SBD: 09/07/2016
	Date returned to ISD Procurement:

pricing for each item within each group. If a vendor fails to submit an offer for all items within the group, its offer for that specific group may be rejected.

2.4 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.

2.5 CERTIFICATIONS

In order to be considered for award of this solicitation, Bidder(s) must be a certified EMC Partner. Bidders are advised that an authorization letter from EMC must be included as part of their Bid submission confirming the current status of the firm as being a certified EMC Partner.

2.6 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 Bidder-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 Bidder expense, to the Bidder. At the County's own option, the Bidder shall either provide a direct replacement for the item, or provide a full credit for the returned item. The Bidder shall not assess any additional charge(s) for any conforming action taken by the County under this clause.

2.7 "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.

2.8 DELIVERY AT MIAMI-DADE COUNTY LOCATION

The successful Bidder shall deliver items to the following County facility:

Miami-Dade Public Library System – Main Library
101 W Flagler Street
Miami, Florida 33130 (PSR#201601400611)

2.8 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.

2.9 <u>EXEMPTION FROM CERTAIN CLAUSES</u>

The following clauses shall not apply:
- Section 1.21 (Insurance Requirements)

SECTION 3 – TECHNICAL SPECIFICATIONS

3.1 SCOPE OF WORK

The Miami-Dade Public Library System purpose of this solicitation is to purchase EMC Storage Solutions as specified in the following three groups: 1) EMC XtremIO 2) an EMC Isilon X-Series 3) EMC Avamar Solution to support, maintain and upgrade the Library's existing storage system. The equipment is required by the Miami-Dade Information Technology Department (ITD) to upgrade its storage environment utilizing EMC resources. All awards made against the resultant solicitation shall be made through EMC or a certified EMC partner.

3.2 EQUIPMENT TO BE PROVIDED FOR GROUPS

Technical Specifications

QTY	Asset	Maintenance Expiration Date
2	XtremIO	8/27/2016
1	Isilion	8/20/2016
1	Avamar	2/1/2016
1	SourceOne	9/29/2016
1	PowerPath	12/22/2017
2	Brocade	9/18/2017

3.2.1 EQUIPMENT TO BE PROVIDED FOR GROUP A.1

MDPLS has identified the operations need to upgrade the existing EMC System. The following is a list of the equipment, software, and services required to undertake a capacity upgrade to the existing EMC data storage System.

Manufacturer Part #	Description
	Group A.1- 201601400611 **EMC XtremIO Storage**
X02-CTRLE-T	XTREMIO – STORAGE CTRL 800GB ENC TAG
X02-UPS-220P	XTREMIO – UPS 220V – SECONDARY
X02-CTRLE	XTREMIO – STORAGE CONTROLLER ENC
X02-D25-800	XTREMIO -25X800GB FLASH DRIVES OE SW
X02-RACK-40U	XTREMIO – 40U CABINET
X02-CTRLE-U	XTREMIO – STORAGE CTRL 800GB UPGRADE
X02-D25-800-U	XTREMIO -25X800GB FLASH DRV OE SW UPGD
X02-IBSW-U	XTREMIO – IB SWITCH UPG

Brocade Switch	
DS-6510R-B-EP	DS-6510R-B 48P/48P 16GB RTF ENT SWITCH
DS-6510R-B-EP	DS-6510R-B 48P/48P 16GB RTF ENT SWITCH
PowerPath	
457-100-182	POWERPATH VE STD X86 T1 (2-7 CPUS)
457-100-182	POWERPATH VE STD X86 T1 (2-7 CPUS)

3.2.2 <u>EQUIPMENT TO BE PROVIDED FOR GROUP A.2</u>

MDPLS has identified the operations need to upgrade the existing EMC System. The following is a list of the equipment, software, and services required to undertake a capacity upgrade to the existing EMC data storage System.

Manufacturer Part #	Description
	Group A.2 –201601400611 EMC Isilon X Series Storage
X200-SATA-009	X200-12T/24G/2X10GE SFP+2X1GE
X200-SATA-009	X200-12T/24G/2X10GE SFP+2X1GE
851-0167	MELLANOX 8 PORT QDR SWITCH
X200-SATA-009	X200-12T/24G/2X10GE SFP+2X1GE
851-0167	MELLANOX 8 PORT QDR SWITCH
200-0253	ENTERPRISE-INSIGHTIQ (TIER 2)
201-0236	EAB07-SNAP/CONADV/QUOTA-TIER 2

3.2.3 <u>EQUIPMENT TO BE PROVIDED FOR GROUP A.3</u>

MDPLS has identified the operations need to upgrade the existing EMC System. The following is a list of the equipment, software, and services required to undertake a capacity upgrade to the existing EMC data storage System.

Manufacturer Part #	Description
	Group A.3 –201601400611 EMC AVAMAR SOLUTION OF LIBRARY
AVMSWITCHG3	CUBE SWITCH AVAMAR GEN3 (2U)
AVMRACKG3	AVAMAR GEN3 40U TITAN RACK SNGL PHSE PWR
AVM1NACCLGFG3	AVAMAR GEN3 LG RAM ACCEL NODE (FLD INST)
AVM1NUTILMG3	AVAMAR GEN3 UTILITY NODE (MFG INSTALLED)
AVM1NSTG2MG3	AVAMAR GEN3 2TB STRG NODE (MFG INST)
456-100-309	AVAMAR 1 TB INCR CAPACITY LICENSE
456-101-271	PROMO: DPA 1TB AVAMAR CAP
SourceOne	
456-103-794	EMC S1 FOR MS SPT STOR MGMT, PREM
456-102-249	S1 EMAIL MGMNT - MS EXCHANGE 1-5000 USER

3.3   INSTALLATION REQUIREMENTS

The awarded vendor will need to confirm that EMC services personnel will be available to work closely with MDPLS storage management personnel to review scope of work to be performed for the particular environment ring the configuration period. The following tasks include, but are not limited to, expected work to be performed:

- Provision storage based on standardized procedures detailed in the Operational Book, and to meet Miami-Dade Information Technology Department Library agreed upon standards.

- Responsible for configuration, layout, and performance tuning of storage infrastructure.

- Plan, coordinate, and be responsible for the execution of the business continuity and disaster recovery plans as agreed upon by EMC and ITD.

- Participate in the design and operational execution of the Library's storage disaster recovery process as required.

- Perform necessary storage infrastructure support in accordance with EMC and the Library's change management policies.

- Responsible for configuration and layout of storage infrastructure.

- Provide knowledge transfer to ITD responsible for Library Storage

- Generate regular operations reports, using Library supplied tools, such as EMC Control Center.

- Recommend changes to procedures that result in operational optimization.

- Participate in Root Cause Analysis review when available.

- Reviews and consults on systems implementation/cut-over with ITD.

- Designs the EMC Enterprise Storage Network/Storage Area Network solution or, alternatively, validates a library provided design of such solution. Specifically, the EMC Solution's Architect focuses on the advanced design of:

  - ✓ Fabrics and or VSANs

  - ✓ A relevant IP addressing scheme to fit solution

  - ✓ Relevant naming conventions

  - ✓ Fabric zoning

- ✓ Volume/LUN access
- ✓ Volume security
- ✓ Data migration considerations