Project # RQLB1200006

Verification of Availability

Find attached the "**Scopes of Work**" and "**Special Requirements**" for an upcoming **Invitation to Bid (ITB)**. Please review to determine if you would be able to **satisfy the requirements** (as applicable), and **interested in responding**; if so, please check the appropriate areas below and respond to this email confirming the same.

Please pay "**CLOSE**" attention to the various sections and the "**SPECIAL**" requirements for each, and confirm your **ability** and **availability** to satisfy "**ALL**" sections/scopes.

See Sections **3.1** through **3.7** — Paying very close attention to **the** requirements of the respective "**Section 3.7**". (While you are **_not_** proposing at this time, be mindful your response strongly influences SBD's determination as it relates to a potential **SBE Measure**). So please be diligent in your review of the information and respond accordingly, based on your ability to meet **ALL** the applicable requirements.

Are you able to satisfy the requirements of the attached documents (RFP)?
YES __   **NO** __

Do you have prior experience consistent with the requirements of this RFP?
YES __   **NO** __

Are you a "Certified EMC Corporation", (authorized reseller/business partner (Section 3.7)?
YES __   **NO** __

Name of Firm: _____   **SBE Exp. Date:** _____

Owner's Name: _____   **Signature:** _____

Please respond by **2:00pm, Tuesday July 31, 2012.**

Any questions, feel free to contact me at the number below.

Regards,

Vivian O. Walters, Jr.
Contract Development Specialist II
Regulatory and Economic Resources Department
Small Business Development Division
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DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Rev 1

X New contract	☐ OTR	☐ CO	☐ SS	☐ BW	☐ Emergency

Previous Contract/Project No.
N/A

☐ Re-Bid	☐ Other (Government Access)

LIVING WAGE APPLIES: __YES _X_NO

Requisition/Project No: RQLB1200006   TERM OF CONTRACT: <u>Two-year (2) term with three (3) one (1) year OTR's</u>

Requisition/Project Title:- EMC Storage Upgrade, Maintenance and Support Services

Description: The Miami-Dade Public Library System (MDPLS) currently runs a production EMC data storage environment for MDPLS-wide systems and applications. The EMC System (System) consists of hardware and software located at the main MDPLS facility at 101 West Flagler St., Miami, FL 33130. In order to meet the growing resource needs of MDPLS and customer applications the EMC System configuration requires an increase and upgrade in the amount of available storage capacity. A capacity upgrade to the existing environment is necessary to continue optimal performance of the System. In addition, to the EMC upgrade, continued maintenance support of the existing EMC System equipment and software that MDPLS currently operates is required. The maintenance on the existing EMC System equipment and software has or will soon expire.

User Department(s): Miami-Dade Public Library System

Issuing Department: Internal Services Department   **Contact Person:** Santiago A. Pastoriza   **Phone:** 305-375-4552

Estimated Cost: $150,000   **Funding Source:** Library District Funds   **REVENUE GENERATING:** No

ANALYSIS

Commodity/Service No: 93921	SIC:

Trade/Commodity/Service Opportunities

Contract/Project History of Previous Purchases For Previous Three (3) Years
Check Here X 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

SBE	Set-Aside	Sub-Contractor Goal	Bid Preference	Selection Factor
		%		
		%		
		%		
		%		

Basis of Recommendation:

Signed_____   Date to SBD: 07/26/2012

Date Returned to ISD: _____

SECTION 3
TECHNICAL SPECIFICATIONS

3.1   OBJECTIVE

The Miami-Dade Public Library System (MDPLS) currently runs a production EMC data storage environment for MDPLS-wide systems and applications.   The EMC System (System) consists of hardware and software located at the main MDPLS facility at 101 West Flagler St., Miami, FL 33130. In order to meet the growing resource needs of MDPLS and customer applications the EMC System configuration requires an increase and upgrade in the amount of available storage capacity. A capacity upgrade to the existing environment is necessary to continue optimal performance of the System. In addition, to the EMC upgrade, continued maintenance support of the existing EMC System equipment and software that MDPLS currently operates is required. The maintenance on the existing EMC System equipment and software has or will soon expire.

3.2   BACKGROUND

MDPLS currently utilizes the EMC NS-480 that scales to 480 drives and provides the capacity and performance required to consolidate most of the MDPLS business application storage onto a single unified system. MDPLS has relied in the capability of this unified storage system for integrated file and block storage for both file management for Windows and Linux/UNIX environments. Additionally, the Fiber Channel (FC) and Internet Small Computer System Interface (iSCSI) connectivity feature has supported several MDPLS critical business applications including but not limited to MS Exchange, MS SQL databases and VMware.

MDPLS expects that the upgraded EMC Celerra NS-480 can add processing and capacity to meet identified growing business needs.

The EMC Celerra NS-480 supports a wide variety of connectivity options. MDPLS expects the upgrades to support current business applications that require NAS, iSCSI, and FC connectivity. MDPLS plans for the EMC Celerra NS-480 to consolidate file and block storage, bring stranded application servers under control, and provide simplified administration.

3.3   CURRENT SYSTEM CONFIGURATION

EMC Hardware

QTY	Hardware Asset	Model	Maintenance Expiration Date
1	CLARiiON	CX4-480	01/12/2013
1	Celerra	NS482-A	01/12/2013
1	Avamar	AVMRACKG3	03/14/2013
2	Switch	DS-5100B	01/11/2013
1	Centera	Gen 4	07/21/2011

EMC Software

QTY	Software Asset	Maintenance Expiration Date
74	PowerPath/VE	09/28/2012
1	SNAPVIEW FOR CX4-480	09/29/2012

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TECHNICAL SPECIFICATIONS

QTY	Software Asset	Maintenance Expiration Date
1	FAST SUITE FOR CX4-480	09/29/2012
8	Data Protection Advisor 1 TB	01/11/2013
1	AVAMAR 1 TB	01/11/2013
1	NS AntiVirus	12/22/2012
1	NS480 ACCOMPANYING ISCSI LICENS	12/22/2012
1	CELERRA NS-480 CIFS LICENSE	12/22/2012
1	NAVI MANAGER LICENSE NS-480 240 DRIVES	12/22/2012
1500	SourceOne	07/12/2011
4	CENTERA GOVERNANCE	09/29/2013

3.4   GROUP A - HARDWARE AND SOFTWARE UPGRADE REQUIREMENTS

MDPLS has identified the operational need to upgrade the existing EMC Celerra NS480 System. This upgrade will be awarded through Group A of this solicitation. The following is a list of the equipment, software, and services required to undertake a capacity upgrade to the existing EMC data storage System.

A.) Hardware

QTY	Product ID	Description
4	CX4-4PDAE	EMC 4G DAE FACTORY OR FIELD INSTALL
61	CX-4G15-300U	EMC 300GB 15K 4GB FC 520BPS UPGRADE
4	SFP-HSSDC2-5M	EMC SFP 5M CABLE
10	FC2-HSSDC-8M	EMC HSSDC-8M FC COPPER CABLE
1	PS-BAS-UPDAEB	EMC STANDARD DAE/DISK UPGRADE
2	PS-BAS-UPDAE	EMC STANDARD DAE/DISK UPGRADE MODULE
1	PSUPGD-BCDBS	EMC BSERIES DEPARTMENTAL SWITCH UPGR
2	PS-BAS-UPGSW	GENERIC SWITCH OR BLADE UPGRADE
2	DS5100B-8G8PU	EMC DS-5100B 8G 8PORT UPGRADE KIT

B.) Software

QTY	Product ID	Description
1	UTIL-WIN	EMC WIN S/W UTILITIES AND DOC
1	S1-EM-EXCHNG	S1 EM EXCHANGE MEDIA KIT
1	S1-SPT-PREM	S1 FOR MS SPT STRG MGMT PREMIUM KIT
600	456-103-794	S1 FOR MS SPT STOR MGMT PREM

C.) Services

QTY	Product ID	Description
2	PS-BAS-PMBLK	EMC COMMERCIAL PMGMT 4HRS QS
2	PS-BAS-SABLK	EMC COMMERCIAL SA 4HOURS QS
1	PS-BAS-S1	EMC-SOURCEONE IMP UPTO 1;500 USER QS

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TECHNICAL SPECIFICATIONS

5	CE-S1CLASS	EMC SOURCEONE CLASSROOM/ONLINE TRNIN

D.) Support

QTY	Product ID	Description
2	M-ENHSWL-002	ENHANCED SOFTWARE SUPPORT 12 Months

3.5   MAINTENANCE AND WARRANTY

Bidders shall provide ongoing maintenance and support services for the required equipment beyond the initial one year warranty period. Bidders are required to provide the pricing for the ongoing maintenance and support services in their bid response for the initial contract term and any optional years to renew.

3.5   INSTALLATION REQUIREMENTS

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

- Provision storage, based on industry and Library standardized procedures detailed in a Project "Work Book". This Work Book will be developed by EMC and Library staff with final approval by Library staff that will detail all configuration, calculations, and standards.

- Responsible for configuration, layout, and performance tuning of the existing storage infrastructure including the new addition as a result of the upgrade so that existing and new can function optimally together.

- Plan, coordinate, and be responsible for the execution of the business continuity during the upgrade process. This also includes disaster recovery plans to ensure that no data is lost in production environment before and after the upgrade processes.

- Perform necessary storage infrastructure planning to cover current and future growth for the next three years in storage needed for Library applications utilizing EMC storage.

- Responsible for configuration and layout of storage infrastructure.

- Provide knowledge transfer to Library personal as part of the installation to cover the following areas including but not limited to:
  - o   Daily operational tasks to maintain the EMC environment.
  - o   Basic troubleshooting and preventative maintenance tasks.
  - o   Administration tasks.

- Recommend changes to current procedures for the existing EMC storage that result in operational optimization as part of the upgrade process.

- Provide root cause review on problems in the EMC environment as needed.

- Provide input in the design of the implementation and cut-over plans with Library staff.

- Designs the EMC Enterprise Storage Network/Storage Area Network solution or alternatively, validates a Library provided design of such solution. The following items that are included but not limited to this task are:

- Fabrics and VSANs

- A relevant IP addressing scheme to fit the solution

- Relevant naming conventions
- Fabric zoning
- Volume/Logical Unit Network (LUN) access
- Volume security
- Data migration considerations

3.6   <u>GROUP B – MAINTENANCE AGREEMENTS FOR EXISTING EQUIPMENT</u>

Due to the critical nature of the of the existing EMC data storage system, it is imperative that all equipment be on vendor supported maintenance agreements. Most of the maintenance agreements on the current existing equipment has already or will soon expire. Bidders are required to provide the pricing for the ongoing maintenance agreements for the existing equipment in their bid response.

The selected bidder shall provide hardware/firmware/software parts, maintenance and updates, to existing hardware, which shall include but not be limited to the following:

- 24 x 7 x 365 phone/online support.
- Firmware/Software updates as provided by the vendor.
- Provide 4 hour or less onsite response time for emergency failures.
- Next-business-day replacement parts.
- Provide parts, telephone and online support. The term "Parts" means items such as storage processors, hard drives, controllers, power supplies, replacement fabric switches if necessary, or any part necessary to keep the hardware at full operational status.

It is the County's preference to realign the maintenance and support for the EMC System to be coterminous to avoid multiple renewal dates throughout the term. Bidders are requested to provide pricing for all components requiring support and prorate those renewal dates to reflect one streamlined maintenance program for the County expires on September 29, 2013.

3.7   <u>ONGOING MAINTENANCE AND SUPPORT SERVICES</u>

Bidders are required to provide the pricing for the ongoing software and hardware maintenance and support services in their bid response for the initial contract term and any optional years to renew.

The proposed maintenance and support shall include but not be limited to the following:

- 24 x 7 x 365 phone/online support.
- Firmware/Software updates as provided by the vendor.
- Provide 4 hour or less onsite response time for emergency failures.
- Next-business-day replacement parts.
- Provide parts, telephone and online support. The term "Parts" means items such as storage processors, hard drives, controllers, power supplies, replacement fabric switches if necessary, or any part necessary to keep the hardware at full operational status.

SECTION 3
TECHNICAL SPECIFICATIONS

3.7   **CONTRACTOR QUALIFICATION REQUIREMENTS**

Bidders are required to provide the required documentation outlined within Section 2.14, confirming their status as an certified EMC Corporation authorized reseller/business partner with the bid submission package.