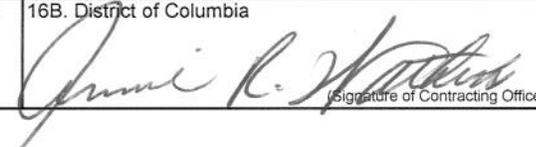
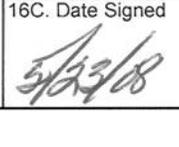


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages 1 20
2. Amendment/Modification Number A003	3. Effective Date 5/23/2008	4. Requisition/Purchase Request No.	5. Solicitation Caption SAN Modernization	
6. Issued By: Office of Contracting and Procurement GROUP V 441 - 4th Street, N.W., Suite 700 South Washington, DC 20001		7. Administered By (If other than line 6)		
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)		(X) 9A. Amendment of Solicitation No. DCTO-2008-R-0083	9B. Dated (See Item 11) April 18, 2008	
		10A. Modification of Contract/Order No.		
		10B. Dated (See Item 13)		
Code	Facility			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>2</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. Accounting and Appropriation Data (If Required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14				
A. This change order is issued pursuant to: (Specify Authority)				
The changes set forth in Item 14 are made in the contract/order no. in item 10A.				
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.				
C. This supplemental agreement is entered into pursuant to authority of:				
D. Other (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)				
PROPOSAL DUE DATE CHANGED FROM: MAY 27, 2008 at 2:00 p.m. TO MAY 30, 2008 at 2:00 p.m.				
CLARIFICATIONS, CHANGES AND CORRECTIONS TO SUBJECT SOLICITATION ARE SET FORTH ON THE ATTACHED SHEETS A, B, C)				
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect				
15A. Name and Title of Signer (Type or print)		16A. Name of Contracting Officer ANNIE R. WATKINS		
15B. Name of Contractor	15C. Date Signed	16B. District of Columbia	16C. Date Signed	
(Signature of person authorized to sign)				
		(Signature of Contracting Officer)		

**GOVERNMENT OF THE DISTRICT OF COLUMBIA
OFFICE OF CONTRACTING AND PROCURMENT**



May 23, 2008

TO: ALL PROSPECTIVE OFFERORS
SUBJECT: Solicitation No. DCTO-2008-R-0083
SAN Modernization

AMENDMENT NO. A0003

PROPOSAL DUE DATED CHANGED FROM: May 27, 2008 at 2:00 p.m.
TO: May 30, 2008 at 2:00 p.m.

Clarifications, changes and corrections to subject solicitation are set forth below:

1. Section B Delete section B in its entirety and replace with Attachment A.
2. C.5.2 Insert section paragraph C.5.2.1

“Vendor shall state what portions of the solution are covered in the extended maintenance agreements, and on what terms. OCTO seeks to have maintenance support on a 24x7x365 basis, with 15 minute maximum response time to support phone calls and 2-4 hour on-site response with a named support representative. In addition, all relevant software upgrades must be included in the proposal pricing. Vendors will be evaluated based on cost and degree of coverage in their maintenance agreements.”

3. C.7 Delete “IFB” and replace with “RFP”.
4. C.8 Delete Section C.8 entirely
5. C.9 Delete Section in its entirety and replace with:

“OCTO seeks to have the new solution fit within the broader enterprise technical architecture. To that end, the contractor shall confer with OCTO's technical teams, advisory groups, and key advisors to ascertain existing or proposed Technical Architecture standards and to assure that the Technical Architecture of

existing or emerging enterprise-wide standards are complementary with the new storage solution. Specifically, the contractor shall:

a) Confer during all phases of this project - especially in the planning phases - with OCTO to ensure that a consistent and compatible technical infrastructure is being achieved as the new storage solution is put in place. Make changes as appropriate to technical architecture, project plans and other documentation based on OCTO direction.

b) Confer with Agency and OCTO advisors, other contractors participating in existing or future projects which affect the outcome of this project's implementation and key technology staff, providing analysis, "best practice" advice and recommend options for complementary solutions.

c) Prepare and submit written Risk Advisories to the COTR as well as recommended mediation strategies where proposed or existing projects are deemed potentially or actually to be in conflict with integration objectives.

d) Demonstrate as part of technical architecture documentation how the proposed solution will be complementary to and not in conflict with OCTO's existing or planned IT infrastructure.

6. C.10 Delete Section C.10 entirely
7. C.11.1 Delete Section C.11.1 in its entirety. Rename C.11.2 to C.11.1, rename C.11.3 to C.11.2, and rename C.11.4 to C.11.3. Add the following text to C.11.2:
"Offerors must include hourly and daily labor rates for relevant job categories for possible future task orders against this contract. These rates will enable OCTO to evaluate the relative cost-competitiveness of all offerors."
8. C.11.4 Delete "ITM" and replace with "COTR".
9. C.12.5 Delete Section C.12.5 entirely.
10. F.2.4 Delete "four (4) and replace with "five (5)
11. Section F Delete section in its entirety and replace with Attachment B.
12. G.4.1 Delete Section G.4.1 entirely

- 13. H.9 Insert Section H.9 with “Pursuant to section I.5.5, the Contractor shall provide upon request of the District any District data elements captured by the Contractor during the course of the project, in the format specified by the District. These data elements - whether electronic or in hard copy form - include but are not limited to: requests to the Contractor made by OCTO program managers, architectural drawings, project plans, specifications for equipment owned by the District, electronic messages about the project between OCTO and the Contractor and/or its subcontractors, software configuration files, database schemas and any other data elements deemed pertinent to the SAN Modernization project by OCTO or its representatives.”

- 14. I.8 Insert the following section I.8.4

“Errors and Omissions Liability Insurance, \$1,000,000 limits per claim.”

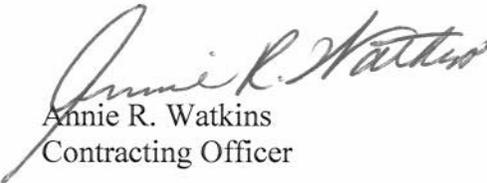
- 14. M.6 Delete Section M.6 in its entirety and replace with Attachment C.

Only one (1) copy of this amendment is being sent to offerors. Sign and attach a copy of the amendment to each copy of your proposal submitted to the District, and return to the address listed above. In the event your proposal has been previously deposited, submit this amendment by sealed envelope, identified on the outside by solicitation number and proposal closing date.

This amendment, together with your proposal, must be received in this office prior to the time set for receipt of proposals.

Revisions or price changes occasioned by this amendment must be received in this office prior to the submission date set for receipt of proposals.

FAILURE TO ACKNOWLEDGE RECEIPT OF THIS AMENDMENT MAY BE CAUSE FOR REJECTION OF YOUR OFFER.


 Annie R. Watkins
 Contracting Officer

This amendment is acknowledged and is considered a part of the offer.

 Signature of Authorized Representative

 Title

 Name of Firm

 Date

QUESTIONS FROM PROSPECTIVE OFFERORS

- 1Q. Is there a requirement for enterprise consistency, during replication, for the Tier 1 storage? In other words, does both the zOS and Open Systems Tier 1 Storage need to be maintained at the same recovery point for business continuity processes?
- 1A. There are no known requirements for enterprise consistency, at this time. The District seeks options for future use and implementation.**
- 2Q. Do you plan to use Parallel Access Volumes? If so, do you have an aggregate number or are you looking for suggestions?
- 2A. Yes, the District plans to use Parallel Access Volumes for this project. Yes, the District is also looking for suggestions on aggregate number.**
- 3Q. Please provide the Service Level Agreement (SLAs) with end users on performance guarantee, levels of availability (RPO/RTO), etc. for mainframe applications.
- 3A. Service levels Agreements do not include DASD performance criteria. Stated overall service level is 99.99% availability for the current SAN.**
- 4Q. Do you have a requirement to replicate data within the storage array for mainframe?
- 4A. Yes, the District expects to replicate 50% of production data for point in time snapshot backups. The District will also use replication of data for test environments.**
- 5Q. Please specify useable mainframe storage capacity needed in TB per data center (ODC2 and ODC1) for Year 1 and estimated growth rate per year for Year 2 and Year 3.
- 5A. Please see Chart 1a at the end of this Amendment. Estimated growth rate for both Year 2 and 3 is 25% each year.**
- 5Q. Please provide current mainframe performance statistics (examples: RMF or CMF data for one peak day out of past 30-days, cache hit ratio, application response time from the Hitachi 9960 storage array).
- 6A. The information will be provided to winning vendor. The District does not consider answering this question to be necessary for creating a proposal.**
- 6Q. Please provide disk configuration details as applicable for Mod-3, Mod-9, Mod-27, and/or Mod-54 (quantity of each Mod-X, read-write ratio of each volume, etc.) on the mainframe.

Volume	ODC1 Count	ODC2 Count
MOD-1-Production	62	71
MOD-3-Production	921	454
MOD-9-Production	403	470
MOD-1-Remote Copy	71	62
MOD-3-Remote Copy	454	921
MOD-9-Remote Copy	470	403

- 7Q. How much useable mainframe data (in TB) is replicated from ODC2 to ODC1 and from ODC1 to ODC2?
- 7A. Please see Chart 1a at the end of this Amendment.**
- 8Q. Is the IBM mainframe z9 directly attached to the Hitachi 9960 storage array? If not, how are they connected?
- 8A. Yes, currently the z9 processors at both locations (ODC1 and ODC2) are directly channel connected to the HDS9960 at the respective locations. There is no cross-connection to provide shared DASD between the two centers. The new SAN should be configured to support requirements stated in section C.4.1.2 of the proposal.**
- 9Q. Are you planning to implement GDPS/Hyperswap with the initial installation, or is this a future capability? If you are implementing this in the near term, do you require implementation services from the successful storage bidder, and does this need to be priced into our bid?
- 9A. GDPS will not be implemented on the initial install. The District currently plans for GDPS to be implemented only after both data centers are moved and the new SANs are at their final destination.**
- 10Q. What type and model zSeries is installed?
- 10A. ODC1: 2096-M03; ODC2: 2096-Q02**
- 11Q. Does the installed zSeries machine(s) currently have enough FICON channels or do we need to bid an upgrade?
- 11A. Yes, both IBM z9 processors have sufficient FICON channels, each is configured with 20 4GB FICON channels.**
- 12Q. Can we assume that the RPO and RTO for Tier 1 are, therefore, 0 (or as close to 0 as technologically possible)?
- 12A. Yes, for the mainframe. RFP sections C.2.6 and C.4.2.1 detail the RTO for Open Systems.**
- 13Q. What are the desired RPO and RTO for Tiers 2 and 3?
- 13A. The RFP sections C.2.6 and C.4.2.1 detail the RTO for Open Systems.**
- 14Q. How many "point in time" copies should we assume will be needed per tier? What is the change rate for these applications?
- 14A. Local point in time will be used for backup and be limited to once a day. Remote mirroring should be assumed to be a combination of asynchronous and synchronous. Please see C.2.6 and C.4.2.1. Also see Chart 1a at the end of this Amendment.**

15Q. Please elaborate on the scope of "same storage infrastructure" as per Section C.7.2b. For example, for scalability, does OCTO mean multiple storage arrays of same type or a single storage array? For tiered storage, will OCTO consider using one storage array type for Tier 1 storage and another storage array type for Tier 2 and 3 storage?

15A. The District will consider different types of storage array for all tiers. The District seeks a solution that allows different storage array types to be managed by a single tool.

16Q. Is the 225TB per site capacity requirement the raw capacity number?

16A. The 225TB is usable storage where 1MB = 1,048,576 bytes.

17Q. Please breakdown 225TB capacity requirement to tiered storage capacity requirements in the following manner and indicate whether the numbers given are raw or useable:

- Tier 1 Production Mainframe
- Tier 1 CLONE Mainframe
- Tier 1 Production Open Systems
- Tier 1 CLONE Open Systems
- Tier 2 Production Open Systems
- Tier 2 Snapshots Open Systems
- Tier 3 Production Open Systems

17A. The District seeks best practices and innovative solutions. At this time, the District is only prepared to share current tiered storage capacity requirements for the mainframe, which are as follows (assume all are tier 1 storage):

	ODC1 Usable Space (TB)	ODC2 Usable Space (TB)
Mainframe Production	8	8
Mainframe Local Replication	4	4
Mainframe Remote Replication	8	8

18Q. Does OCTO require 4Gbps bandwidth from front-end and back-end components of the storage array?

18A. Mainframe Tier 1 does require 4Gb FICON interfaces to match the interfaces on the z9. If the backend you refer to is the remote mirroring interfaces, then it is up to the vendor to provide a solution that supports the synchronous mirroring requirement.

Open Systems do not absolutely require 4Gbps bandwidth, but prefer to have an option for 2-4Gbps bandwidth and connectivity.

19Q. Please provide breakdown on currently used storage capacity at ODC2 and ODC1 by tier type, application type, and database type.

19A. Please see Chart 1a at the end of this Amendment.

20Q. Please provide Microsoft Exchange data for Year 1 as follows:

20A. Exchange Version (2003 or 2007):	Both versions
Total Number of Exchange Users:	40,000
Average IOPS per Exchange User:	.75
Average Mailbox Size per Exchange User (MB):	1GB

[Unlimited mailbox sizes will be permitted in future]

21Q. Please list useable production Tier 1 and Tier 2 capacity at ODC2 that needs to be replicated to ODC1. Specify synchronous or asynchronous mode by tier and by mainframe or open systems.

21A. Mainframe Tier 1: All 8 TB of Production data will be replicated to ODC1. Asynchronous replication will be implemented initially; synchronous replication may be implemented if GDPS is implemented.

Open Systems: 20TB of Production data will be replicated to ODC1. Please see Chart 1a for Open Systems breakdown at the end of this Amendment.

22Q. Please list usable production Tier 1 and Tier 2 capacity at ODC1 that needs to be replicated to ODC2. Specify synchronous or asynchronous mode by tier and by mainframe or open systems.

22A. Please see Chart 1a at the end of this Amendment.

23Q. Does OCTO need to replicate Tier 3 data between ODC2 and ODC1? If so, please specify the capacity needed to be replicated from ODC2 to ODC1 and from ODC1 to ODC2 as well as RTO/RPO requirements.

23A. Please see Chart 1a at the end of this Amendment.

24Q. Does OCTO require the vendor to quote adding storage capacity in 1TB increment and if so, should that be a raw or useable 1TB capacity as per Section C.7.2a?

24A. The vendor shall quote additional capacity in 1TB increments as raw capacity.

25Q. OCTO has specified a need to have vendor assist it with data migration as per Section C.7.3c. Please provide details of data migration requirements if OCTO requires pricing to be included for data migration as part of this proposal. For example, vendor needs to know the number of servers by platform, the existing storage platform list, amount of data to be migrated per server and/or existing storage platform and whether for each server, the data being migrated resides on the server (direct-attached) or from the storage array (SAN).

25A. Mainframe and Open Systems Tier 1: The vendor shall provide its migration strategy and connectivity plans to the HDS9960 (and EMC for Open Systems), taking into consideration that all IO slots on the HDS9960 are fully populated and used. The vendor shall also assume for proposal purposes that the new SAN that replaces the HDS9960 at ODC2 will be installed at a third location (the UCC). Network connectivity based on vendor plans will be implemented between UCC and ODC2/ODC1.

26Q. Please describe what OCTO means by "customization" of vendor's product offering as per Section L.2.1. For example, vendor wishes to understand if setting certain installation parameters on the storage hardware and software to meet customer's storage requirements would be considered customization.

26A. Setting of hardware parameters qualifies as installation and configuration work, NOT customization. As such, it should be built-in to the install and configuration costs by vendors.

27Q. Please provide the detailed configuration data on the McDATA 6064 SAN directors from card layout perspective for each location.

27A. This information will be provided to the winning vendor. The District does not consider answering this question to be necessary for creating a proposal.

28Q. Does OCTO require vendor to describe levels of technical services available to be rendered during the design and implementation of the SAN modernization project as per Section L.2.4?

29A. Yes.

30Q. Does OCTO require the vendor to provide fibre channel cables to connect servers and storage to SAN as part of this project? If so, please specify the length, connector spec, and quantity of the cables needed.

30A. The vendor should provide the end to end solution.

31Q. OCTO specified that one of the data centers will be moving to UCC. Let's assume that this data center is ODC2 for the purpose of this question. Will OCTO require the vendor to start and complete storage consolidation to the new SAN infrastructure as part of this contract at ODC2 data center before the data center move to UCC, or after the move?

31A. The District intends to work with the vendor to come up with the best migration strategy. This may mean that the new SAN infrastructure is installed at the UCC, or it may mean that the vendor provides a managed solution hosted at another location either temporarily or over the long term, or it may mean something else entirely. The strategy will be partially dependent on the details of the winning proposal.

32Q. The 225TB per site requirements almost 5X the installed capacity. Can you provide some detail for such a large upgrade?

32A. The vendor should assume a usable capacity of 225TB in the new solution as specified.

33Q. By type platform (open vs. mainframe), what will be the required capacity for each Tier (1, 2 & 3)?

33A. Please see Chart 1a at the end of this Amendment.

34Q. By platform and tier, how much capacity needs to be replicated to the remote site, as this impacts licensing requirements?

- 34A. Please see Chart 1a at the end of this Amendment.**
- 35Q. By platform and tier, how much capacity requires point-in-time copies, and how many copies need to be kept on-line?
- 35A. See response to Question 0, above.**
- 36Q. Will the Centera components be replaced by this RFP, or will they remain as part of the eventual architecture resultant from this RFP?
- 36A. The District desires to replace Centera with Tier 3 storage in the new solution.**
- 37Q. We can provide Brocade or Cisco fabric components. Does OCTO have a preference?
- 37A. The vendor shall provide pricing for all applicable options. The District does not have a hardware preference.**
- 38Q. What "local clustering" solutions will be deployed?
- 38A. The District shall deploy CCR and SCR for email as well as Microsoft Clustering and Veritas Clustering.**
- 39Q. Do any of the 400 servers require more than 2 connections to the SAN (for performance purposes)?
- 39A. The District desires to employ Dual Attached servers. The District's goal is to replicate all servers (this goal may change; the vendor must be prepared to accommodate).**
- 40Q. What versions of Oracle RAC and MCS will be deployed?
- 40A. The District either has deployed or will deploy Oracle 9i, 10g and above.**
- 41Q. Of the 400 servers per site listed in Section C.4.5, how many servers are going to be dual SAN-attached? Single-SAN attached? Of the SAN attached servers on each site, please provide server breakdown by operating platform. Of the SAN attached servers on each site, how many servers are going to replicate their data (via storage array) from ODC2 to ODC1 and how many servers are going to replicate their data (via storage array) from ODC1 to ODC2? This information is needed to size up the number of failover servers needed at each site.
- 41A. See response to Question 39, above.**
- 42Q. Does OCTO expect the vendor to include fibre channel HBAs for the servers as part of this proposal and if so, please specify the following data: Host quantity and breakdown by: Server Model, OS Platform, # CPUs on each server.
- 42A. Yes, the vendor shall provide fibre channel HBAs for servers as part of the solution. The requested data will be provided as needed to the winning vendor.**

- 43Q. Does OCTO plan to have any Open System servers connect to the SAN via iSCSI? If so, please give breakdown as follows: quantity of servers, OS platform, average useable capacity (GB) per server needed, total capacity (TB) needed for iSCSI connectivity.
- 43A. The District is looking for the best technical solution from the industry.**
- 44Q. Please specify the global cluster configurations for Open System servers for ODC2 and ODC1. Vendor would like to know which global clustering software will be in use for each operating platform (Windows, Solaris, AIX) and for each global cluster, how many member servers are active and standby nodes at ODC2 and ODC1?
- 44A. Windows: Microsoft Clustering/Veritas
Solaris: Veritas
AIX: Veritas**
- 45Q. Please list the breakdown of quantity of servers by platform (for ODC2 and ODC1) that will run Oracle 8i, 9i, 10g, Oracle RAC, Microsoft SQL, and Microsoft Cluster Services.
- 45A. These data will be provided as needed to the winning vendor. The District does not consider answering this question to be necessary for creating a proposal.**
- 46Q. The 225TB per site requirements almost 5X the installed capacity. Can you provide some detail for such a large upgrade?
- 46A. These data will be provided as needed to the winning vendor. The District does not consider answering this question to be necessary for creating a proposal.**
- 47Q. By type platform (open vs. mainframe), what will be the required capacity for each Tier (1, 2 & 3)?
- 47A. Please see Chart 1a at the end of this Amendment.**
- 48Q. By platform and tier, how much capacity needs to be replicated to the remote site, as this impacts licensing requirements?
- 48A. Please see Chart 1a at the end of this Amendment.**
- 49Q. By platform and tier, how much capacity requires point-in-time copies, and how many copies need to be kept on-line?
- 49A. Please see Chart 1a at the end of this Amendment.**
- 50Q. Will the Centera components be replaced by this RFP, or will they remain as part of the eventual architecture resultant from this RFP?
- 50A. Yes, the Centera components will be replaced by this RFP.**
- 51Q. Please provide a list of server types and OS levels to be supported by the SAN.

- 51A. OCTO currently supports Dell, IBM, Sun and Compaq server class devices. OS Levels supported are: Windows 2000, 2003, 2008, Linux Redhat, Solaris, AIX, ESX.**
- 52Q. The RFP states that most servers have only a single SAN path. Should additional HBA's therefore be provided for in our proposal?
- 52A. Yes (note however the response to question 39 which states that the goal of replicating all servers may change based on information received as part of the RFP process).**
- 53Q. Is vendor bidding on this contract expected to propose new SAN hardware including switch fabrics?
- 53A. Yes.**
- 54Q. Will the integration pricing be considered separately from the hardware pricing?
- 54A. Yes.**
- 55Q. Does DC Government plan to possibly acquire hardware from one vendor and integration services from another?
- 55A. This procurement is a single award.**
- 56Q. Will the integration pricing be considered separately from the network pricing? Or would it be part of the one pricing for a turnkey solution?
- 56A. The District seeks a single, turnkey solution.**
- 57Q. Do you plan to replicate Application and Application hardware at the new site, prior to shutting down the existing site during migration? Or is the migration on the existing hardware, which would have to be shutdown and moved to the new site during cut-over?
- 57A. The District seeks zero unplanned downtime and industry best practices.**
- 58Q. Is 'multi-path' support expected on both LAN and WAN (Metro-area) connections or just LAN?
- 58A. The District seeks suggestions for best practices.**
- 59Q. What is the expectation on the application support during migration? Since DC Government knows its applications the best, a significant interaction and dependency would exist between the vendor and DC Government team during the Data Center migration and for SAN integration?
- 59A. The District seeks assistance in the application migration effort that will provide zero unplanned downtime.**
- 60Q. In Section C.2.8 'Application Integration', you have asked 'offeror software module must be integrated with OCTO applications to handle transactions and ensure the integrity of the copy at the remote site'. Please provide more detail explanation on these requirements.

60A. The District believes there is sufficient information in section C.2.8 as written.

61Q. Please list the number of production servers by operating platform that require the capability to automate and manage point-in-time replicas via the integration with storage array's local data replication software.

61A. The District will work with the winning vendor to determine this information.

62Q. Is 'multi-path' support expected on both LAN and WAN (Metro-area) connections or just LAN?

62A. The District seeks best practices from the industry.

63Q. In Section C.5 Technical Support, would we have remote VPN access to the SAN equipment?

63A. The District will provide VPN access as needed to implement the solution.

64Q. Please provide the total number, type, and speed of each circuit provisioned between ODC2 and ODC1. Please provide details on card layout of ONS 15530 at ODC2 and ODC1. Will you be upgrading this ONS 15530 infrastructure in the near future before the storage consolidation project is started? If so, provide the planned upgrades the vendor should consider in connectivity between ODC2 and ODC1. Will OCTO provide the required circuits to meet the SLAs based on vendor's findings?

64A. The District will be using the Cisco ONS 15454 DWDM platform. This platform will support multiple Fiber Channel, GigE, and OC interfaces and is scalable to support future needs. We are expecting to have connectivity between ODC1, ODC2 & UCC in place prior to the SAN move. The District will be providing this carrier class (99.999% availability) infrastructure.

65Q. Please provide the minimum network bandwidth and latency specifications that will be dedicated and allocated for storage replication between ODC2 and ODC1 locations.

65A. As a general guide for SONET/SDH latency delay of about 1 millisecond (ms) per 100 route miles (one-way) regardless of the bandwidth level. The estimated fiber route between data centers is expected to be less than 100 route miles. The roundtrip delay should be less than 3 milliseconds.

66Q. Is vendor bidding on this contract expected to propose new SAN hardware including switch fabrics?

66A. Yes.

67Q. Please describe the optical fiber connectivity between the two sites.

68A. The District will use the Cisco ONS 15454 DWDM platform to connect ODC1, ODC2 & UCC using a ring topology for redundancy.

68Q. Is there any available fiber capacity for use by the new replication requirements? If so, how much?

68A. The District prefers not to use dark fiber for single applications. Instead we leverage the electronics connected to the fiber to provide a scalable solution to meet multiple application needs.

69Q. Please provide existing tape backup system configuration data: quantity, tape library model, # of tape drives, tape drive type, # tape slots, tape library external interface configuration topology (fibre channel, SCSI, etc.), number of external connectivity ports by type, platform backed up. Also specify how many servers backup their data over the TCP/IP networks for each data center. Vendor wishes to perform due diligence to see if existing tape backup systems can be integrated into new storage infrastructure.

69A. The District does not consider answering this question to be necessary for creating a proposal.

70Q. Is the StorageTek Powderhorn tape library used by Open Systems servers?

70A. Yes.

71Q. Will OCTO consider new data backup solutions as part of this proposal?

71A. Yes.

72Q. Will OCTO consider new active data archiving solutions as part of this proposal?

72A. Yes

73Q. Section C.6.3 - Does DC OCTO expect a dedicated on-site PM?

73A. Yes.

74Q. Section C.6.3 – Define or give examples of Ad-hoc Project Management Requests. Are these to be covered within the scope of this project?

74A. "An example of an ad-hoc project management request would be to prepare an additional report for a new stakeholder group related to project status. Any ad-hoc requests will be within the scope of this project and not be related to a different project altogether."

75Q. Section C.7.4 – Are all cutovers to experience zero downtime or just Tier 1?

75A. All cutovers will occur with zero unplanned downtime. Some applications may be cut over in such a way that a planned outage is coordinated with stakeholders.

76Q. Section C.10 – What is meant by "bi-weekly" in reference to Architecture updates?

76A. During the different phases of the project, it is assumed that the contractor and OCTO will confer on a regular basis to design the best overall architecture for the eventual solution. Section C.10 refers to those deliverables that constitute documentation of these conferences, and the frequency with which they shall be delivered to OCTO.

77Q. Section C.11.2 – The services referenced would be in addition to the SOW, correct?

- 77A. Section C.11.2 refers to potential future engagements with the winning vendor. However, all of the specific professional services mentioned ("formulation of a storage network strategy, migration strategies, technical solutions design, environment analysis, and project management") are components of the current RFP and vendors shall price their proposals accordingly.**
- 78Q. Are non-local PM candidates allowable? If so, will travel and living expenses be covered as part of the overall cost proposal, or would those be billed separately?
- 78A. All expenses must be included in final pricing, and broken out in line-item fashion in order for the District to evaluate proposals easily.**
- 79Q. Are there any unusual risks for which PM is accountable? Example, client organizational weaknesses, financial penalties for missing commitments, the E911 application?
- 79A. Please refer to Section I.8.1 through I.8.5 of the solicitation plus the addition of I.8.6 in this amendment.**
- 80Q. How deep must the PM be in SAN technology and the surrounding technology components? What level of experience is required? If you had to trade off technical skills for management skills, which is more important to OCTO?
- 80A. OCTO seeks the highest quality project management from the vendor. Vendor proposals should include project management methodology as described in Section C.6. In addition, vendors are encouraged to describe their approach to project management in detail so that the District can make an informed decision with regard to the most qualified vendor.**
- 81Q. Page 1 of RFP requests 1 original and 6 copies of submittal, while page 45 requests 1 original and 4 copies. Which is correct?
- 81A. One (1) original with Six (6) copies.**
- 82Q. Does J.2.5 "Cost/Price Data Package" contain the only required forms/tables for the Price Proposal, or does Table B.3.1 on page 3 of the RFP also have to be included in the Price Proposal?
- 82A Both are to be completed**
- 83Q. Does OCTO expect the vendor to price in the cost of services to relocate one data center from the district to up to 50 miles away?
- 83A. The District expects that the winning vendor will participate in the data center relocation in some fashion. The District seeks creative solutions to how best to accomplish the relocation without disrupting services and at a cost that can be justified. Since it is not currently known how the data center relocation will occur precisely, vendors do not have sufficient information to price relevant services. However, any information that vendors can include in their proposals describing these types of services and their costs – as well as any case studies illustrating previous experience – would be helpful to the District during proposal evaluation. Vendors are encouraged to propose options such as managed storage solutions as part of this data center relocation effort.**

84Q. Does OCTO require vendor to provide the details of transition process for resolution of post-production problems as part of this proposal as per Section C.5.3?

84A. Yes.

85Q. Does OCTO require on-site training for its staff? If so, how many staff members need to be trained on site? If not, how many OCTO staff members will need to be trained at the vendor's education centers?

85A. Vendors will provide pricing for both on site and off site training on a per trainee basis, along with any volume pricing consideration.

86Q. Please elaborate on OCTO's security requirements for storage infrastructure as per Section C.8.

86A. Section C.8 has been removed as of this Amendment.

87Q. Will OCTO consider granting an extension of two weeks for submitting the proposal?

87A. The proposal submission date has been extended to 5/30 as of this Amendment A0003.

88Q. Will the integration pricing be considered separately from the hardware pricing?

88A. This procurement is a single award.

89Q. Does DC Government plan to possibly acquire hardware from one vendor and integration services from another?

89A. No, except possibly on a sub-contractual basis.

90Q. Will the integration pricing be considered separately from the network pricing? Or would it be part of the one pricing for a turnkey solution?

90A. This procurement is a single award.

91Q. Would you consider a 'discovery phase' based on which we can determine the scope and provide a 'Firm Fixed Price' proposal?

91A. Yes. Discovery Phase pricing must be fixed in the proposal.

92Q. In Section C.11 Professional Services, you have asked for daily labor rates, how does this match with requirements for 'Firm Fixed Price' proposal?

92A. As described in Section C.11.2, the District may wish to engage the winning vendor in additional, related work on a per-project basis (see response to Question 77). Labor rates will assist the District in determining the most cost-competitive vendor for such work, as well as in the event that out-of-scope work needs to occur as part of this RFP.

93Q. Page 1 states in Block 9 that DC OCTO's requirement is for an original and six (6) copies. Page 45, paragraph L.2.1 states one original and four (4) copies for vendor's submission. Please clarify. We acknowledge that you also require an electronic copy as stated on page 50, paragraph L.13.

93A. Please see response to Question 81.

94Q. Please clarify which wording you would prefer vendors to use to mark pages with the restrictive legend language.

94A. Please refer to Section I.5.7.

95Q. What are the "upward" communication requirements for the PM (e.g.: executive sponsor, steering committee, etc.)

95A. The winning vendor will be expected to communicate project status in a number of forums, including but not limited to one-on-one meetings with executives, technical team meetings, architectural review board meetings and stakeholder briefings.

96Q. What is the management style of the CTO? For example, does the CTO have a formal methodology with explicit documentation rules that must be followed?

96A. The District does not consider answering this question to be necessary for creating a proposal. Vendors shall describe their project management approach in detail so that the District can determine the best candidate.

97Q. Project Management Tools -- Any specific PM tools experience required (e.g. MS Project)? If so, what level?

97A. Vendors shall describe their project management approach in detail so that the District can determine the best candidate.

98Q. Is this SAN project budgeted for 2008?

98A. Yes.

99Q. Does DC Government have a preference for financing? Capital Expenditure or Operational Expenditure Model.

99A. OCP believes this is not relevant.

100Q. Will this SAN equipment be located in a DC Government facility or a third party vendor's facility?

100A. The District seeks innovative solutions to its storage needs across the enterprise. Vendors are highly encouraged to propose alternatives to government-owned and/or government-operated infrastructure.

101Q. Since this RFP does not specify it, will migration and potential co-location or hosting costs (temporary or long term) need to be specified as part of the RFP response.

101A. The District seeks innovative solutions to its storage needs across the enterprise. If the vendor's proposal includes a managed solution, then pricing for temporary and long-term management services and/or leasing costs would be needed in order to evaluate it properly.

102Q. Since Vivek Kundra suggested proposing a creative solution, will migration and co-location costs be considered independent of SAN equipment and professional services costs?

102A. All costs must be included in the proposal and will be evaluated together.

103Q. Would like to request an extension of the Due date, please consider a 2 week extension after all the questions have been answered and posted.

103A. Please see response to Question 87, above.

104Q. Of the initial 225TB of usable storage, how much will be allocated to Tier 1, Tier 2, and Tier 3?

104A. Please see Chart 1a at the end of this Amendment.

105Q. Does the 225TB of usable storage at ODC1 and ODC2 include both the local and remote storage requirements for local and remote replication?

105A. Please see Chart 1a at the end of this Amendment.

106Q. How much data will be migrated from Tier1 to Tier2 and from Tier2 to Tier3 and how is this data to be migrated?

106A. The District does not consider answering this question to be necessary for creating a proposal.

107Q. Will the requirements outlined in "Hiring of District Residents as Apprentices and Trainees" remain in the resultant contract? Taken from Item 4, pg 30 - 31, paragraph H1 & H5.

107A. All sections of this solicitation are for this contract award.

108Q. Will a copy of the "Inspection of Services of the Government of the District of Columbia's Standard Contract Provisions for use with Supplies and Services Contracts, dated March 2007" be provided?

108A. Yes.

109Q. Since it is OCTO's intention to have a fair and open bidding process, will the list of attendees at the Vendor's conference be published? Some people came after the introductions occurred at the Vendor's conference.

109A. Yes. The attendee list will be published on the Consolidated Storage Initiative Procurement site located at:
<http://sites.google.com/a/dc.gov/consolidated-storage>

110Q. Please explain the statement under partial payments which states, "The amount due on the deliveries warrants it". Taken from page 26, G 4.1 (a).

110A. Please see item #12 of this Amendment which removes Section G.4.1.

111Q. With the assumption of 225TB for each site, will 112.5 TB be used for mirroring of production data?

111A. Please see Chart 1a at the end of this Amendment.

CHART 1a

Use	Year 1		Year 2		Year 3	
	ODC1 Usable Space (TB)	ODC2 Usable Space (TB)	ODC1 Usable Space (TB)	ODC2 Usable Space (TB)	ODC1 Usable Space (TB)	ODC2 Usable Space (TB)
Mainframe Production	8	8	10	10	12.5	12.5
Mainframe Local Replication	4	4	5	5	6.25	6.25
Mainframe Remote Replication	8	8	10	10	12.5	12.5
Open Systems Production	20	20	25	25	30	30
Open Systems Local Replication	5	5	10	10	15	15
Open Systems Remote Replication	20	20	25	25	30	30
Sub Totals	65	65	85	85	106.25	106.25
Total	130		170		212.50	

ATTACHMENT A

SECTION B: SUPPLIES OR SERVICES AND PRICE

B.1 INTRODUCTION

The Government of the District of Columbia, Office of Contracting and Procurement (OCP), in conjunction with the Office of the Chief Technology Officer (OCTO) is seeking to procure a turn key solution between the District and the most qualified Contractor capable of providing to the OCTO, a state-of-the-art system Enterprise Storage Area Network (SAN).

This project and its related tasks include those to purchase, migrate and implement the necessary storage equipment and software to enable the DC government to meet its expectations of growth over the next 3 years. Currently, the District is supported by two datacenters, OCTO Datacenter 2 (ODC2) and OCTO Datacenter 1 (ODC1). Production applications are split between the two sites and all mainframe and certain open systems data is replicated between both sites. OCTO's goal is to replicate all production data between the two sites for ongoing business continuity. The proposed solution should provide for the ability to perform long distance synchronous and asynchronous data replication by upgrading the current ESCON links to Fibre or FICON. The District of Columbia's plans to relocate both ODC1 and ODC2 data centers within the next 2 - 3 years. One data center will remain in the District while the other will be moved within a 50 mile radius. The vendor shall state in their proposals what resources they are willing to provide for the data centers relocation as part of this proposal. Non-disruptive SAN relocation will be favored. The scope of the consolidated storage initiative encompasses all supplies and services necessary to meet OCTO's solution strategy.

B.2 CONTRACT TYPE: The District contemplates award of a firm fixed-price contract.

B.2.1 The District will pay the Contractor through incremental payments following the District's receipt and approval of the deliverables as determined by the Contracting Officer's Technical Representative (COTR). Following the District's receipt and approval of each deliverable, the Contractor shall prepare and submit an invoice to the COTR

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B.3 PRICE SCHEDULE – FIRM FIXED PRICE

B.3.1 COMPONENTS OF THE SYSTEM

Line #	Description	Price
CLIN 001	PRELIMINARY PROJECT PLAN: Contractor shall submit a detailed project plan to meet the requirements	
CLIN 002	Hardware delivery to Site 1 – including main systems, accompanying modules, and all necessary accessories	
CLIN 003	Software delivery to Site 1 – all required software media and manuals/ instructions for system operations at the Site	
CLIN 004	Hardware installation at Site 1 – all components connected, powered up, and accessible locally or remotely	
CLIN 005	Software installation at Site 1 – all components installed and functional with no unresolved errors or issues	
CLIN 006	Management software configuration – based on architecture, implementation plan, and other requirements	
CLIN 007	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	
CLIN 008	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	
CLIN 009	Final documentation – with sufficient information and clarity for operations to maintain services	
CLIN 010	Hardware delivery to Site 2 – including main systems, accompanying modules, and all necessary accessories	
CLIN 011	Software delivery to Site 2 – all required software media and manuals/ instructions for system operations at the Site	
CLIN 012	Hardware installation at Site 2 – all components connected, powered up, and accessible locally or remotely	
CLIN 013	Software installation at Site 2 – all components installed and functional with no unresolved errors or issues	

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CLIN 014	Management software configuration – based on architecture, implementation plan, and other requirements	
CLIN 015	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	
CLIN 016	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	
CLIN 017	Site 1 and Site 2 data connectivity – connected and verified with data exchange between Sites	
CLIN 018	Site 1 and Site 2 data replication – software function configured and verified with data replication	
CLIN 019	Final documentation – with sufficient information and clarity for operations to maintain services	
CLIN 020	Technical Support Services: The contractor shall provide all technical support services necessary to ensure systems are functioning properly. Contractor will provide 24 hour / 7 days a week consultation services to OCTO for Base Period of one (1) year from date of award.	
	TOTAL PRICE FOR CLINS 1 - 20	\$

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B.3.2 LEASING COMPONENTS OF THE SYSTEM

Line #	Description	Price (Where Applicable)
	PRELIMINARY PROJECT PLAN:	
CLIN 021	Contractor shall submit a detailed project plan to meet the requirements	
CLIN 022	Hardware delivery to Site 1 – including main systems, accompanying modules, and all necessary accessories	
CLIN 023	Software delivery to Site 1 – all required software media and manuals/ instructions for system operations at the Site	
CLIN 024	Hardware installation at Site 1 – all components connected, powered up, and accessible locally or remotely	
CLIN 025	Software installation at Site 1 – all components installed and functional with no unresolved errors or issues	
CLIN 026	Management software configuration – based on architecture, implementation plan, and other requirements	
CLIN 027	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	
CLIN 028	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	
CLIN 029	Final documentation – with sufficient information and clarity for operations to maintain services	
CLIN 030	Hardware delivery to Site 2 – including main systems, accompanying modules, and all necessary accessories	
CLIN 031	Software delivery to Site 2 – all required software media and manuals/ instructions for system operations at the Site	
CLIN 032	Hardware installation at Site 2 – all components connected, powered up, and accessible locally or remotely	
CLIN 033	Software installation at Site 2 – all components installed and functional with no unresolved errors or issues	
CLIN 034	Management software configuration – based on architecture, implementation plan, and other requirements	

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CLIN 035	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	
CLIN 036	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	
CLIN 037	Site 1 and Site 2 data connectivity – connected and verified with data exchange between Sites	
CLIN 038	Site 1 and Site 2 data replication – software function configured and verified with data replication	
CLIN 039	Final documentation – with sufficient information and clarity for operations to maintain services	
CLIN 040	Technical Support Services: The contractor shall provide all technical support services necessary to ensure systems are functioning properly. Contractor will provide 24 hour / 7 days a week consultation services to OCTO for Base Period of one (1) year from date of award.	
	TOTAL LEASE PRICE FOR CLINS 21 - 40	\$

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B.3.3 MANAGED SERVICES OF SAN SYSTEM (HOSTING)

Line #	Description	Price (Where Applicable)
CLIN 041	PRELIMINARY PROJECT PLAN: Contractor shall submit a detailed project plan to meet the requirements	
CLIN 042	Hardware delivery to Site 1 – including main systems, accompanying modules, and all necessary accessories	
CLIN 043	Software delivery to Site 1 – all required software media and manuals/ instructions for system operations at the Site	
CLIN 044	Hardware installation at Site 1 – all components connected, powered up, and accessible locally or remotely	
CLIN 045	Software installation at Site 1 – all components installed and functional with no unresolved errors or issues	
CLIN 046	Management software configuration – based on architecture, implementation plan, and other requirements	
CLIN 047	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	
CLIN 048	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	
CLIN 049	Final documentation – with sufficient information and clarity for operations to maintain services	
CLIN 050	Hardware delivery to Site 2 – including main systems, accompanying modules, and all necessary accessories	
CLIN 051	Software delivery to Site 2 – all required software media and manuals/ instructions for system operations at the Site	
CLIN 052	Hardware installation at Site 2 – all components connected, powered up, and accessible locally or remotely	
CLIN 053	Software installation at Site 2 – all components installed and functional with no unresolved errors or issues	
CLIN 054	Management software configuration – based on architecture, implementation plan, and other requirements	

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CLIN 055	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	
CLIN 056	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	
CLIN 057	Site 1 and Site 2 data connectivity – connected and verified with data exchange between Sites	
CLIN 058	Site 1 and Site 2 data replication – software function configured and verified with data replication	
CLIN 059	Final documentation – with sufficient information and clarity for operations to maintain services	
CLIN 060	Technical Support Services: The contractor shall provide all technical support services necessary to ensure systems are functioning properly. Contractor will provide 24 hour / 7 days a week consultation services to OCTO for Base Period of one (1) year from date of award.	
	TOTAL FOR MANAGED SERVICES / HOSTING PRICE FOR CLINS 41 - 60	\$

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B.3.4 COMBINATION OF PURCHASE, LEASING AND HOSTING SERVICES FOR SAN SYSTEM

Line #	Description	Price (Where Applicable)
CLIN 061	PRELIMINARY PROJECT PLAN: Contractor shall submit a detailed project plan to meet the requirements	
CLIN 062	Hardware delivery to Site 1 – including main systems, accompanying modules, and all necessary accessories	
CLIN 063	Software delivery to Site 1 – all required software media and manuals/ instructions for system operations at the Site	
CLIN 064	Hardware installation at Site 1 – all components connected, powered up, and accessible locally or remotely	
CLIN 065	Software installation at Site 1 – all components installed and functional with no unresolved errors or issues	
CLIN 066	Management software configuration – based on architecture, implementation plan, and other requirements	
CLIN 067	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	
CLIN 068	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	
CLIN 069	Final documentation – with sufficient information and clarity for operations to maintain services	
CLIN 070	Hardware delivery to Site 2 – including main systems, accompanying modules, and all necessary accessories	
CLIN 071	Software delivery to Site 2 – all required software media and manuals/ instructions for system operations at the Site	
CLIN 072	Hardware installation at Site 2 – all components connected, powered up, and accessible locally or remotely	
CLIN 073	Software installation at Site 2 – all components installed and functional with no unresolved errors or issues	

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CLIN 074	Management software configuration – based on architecture, implementation plan, and other requirements	
CLIN 075	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	
CLIN 076	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	
CLIN 077	Site 1 and Site 2 data connectivity – connected and verified with data exchange between Sites	
CLIN 078	Site 1 and Site 2 data replication – software function configured and verified with data replication	
CLIN 079	Final documentation – with sufficient information and clarity for operations to maintain services	
CLIN 080	Technical Support Services: The contractor shall provide all technical support services necessary to ensure systems are functioning properly. Contractor will provide 24 hour / 7 days a week consultation services to OCTO for Base Period of one (1) year from date of award. (Section C.5.2)	
	TOTAL FOR COMBINATION OF PURCHASE, LEASING AND HOSTING SERVICES PRICE FOR CLINS 61 - 80	\$

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B.3.5 OPTION PERIOD ONE (1)

LINE #	OPTION PERIOD ONE MAINTENANCE AND SUPPORT	PRICE
CLIN 021	Technical Support Services: The contractor shall provide all technical support services necessary to ensure systems are functioning properly. Contractor will provide 24 hour / 7 days a week consultation services to OCTO for one (1) year. (Section C.5.2)	\$

B.3.6 OPTION PERIOD TWO (2)

LINE #	OPTION PERIOD TWO MAINTENANCE AND SUPPORT	PRICE
CLIN 022	Technical Support Services: The contractor shall provide all technical support services necessary to ensure systems are functioning properly. Contractor will provide 24 hour / 7 days a week consultation services to OCTO for one (1) year. (Section C.5.2)	\$

B.3.7 OPTION PERIOD THREE (3)

LINE #	OPTION PERIOD THREE MAINTENANCE AND SUPPORT	PRICE
CLIN 023	Technical Support Services: The contractor shall provide all technical support services necessary to ensure systems are functioning properly. Contractor will provide 24 hour / 7 days a week consultation services to OCTO for one (1) year. (Section C.5.2)	\$

B.3.8 OPTION PERIOD FOUR (4)

LINE #	OPTION PERIOD ONE MAINTENANCE AND SUPPORT	PRICE
CLIN 024	Technical Support Services: The contractor shall provide all technical support services necessary to ensure systems are functioning properly. Contractor will provide 24 hour / 7 days a week consultation services to OCTO for one (1) year. (Section C.5.2)	\$

	TOTAL PRICE FOR RFP	\$
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SECTION F: DELIVERIES OR PERFORMANCE**F.1 TERM OF CONTRACT**

The term of the contract shall be for a period of one (1) year from date of award.

F.2 OPTION TO EXTEND THE TERM OF THE CONTRACT

F.2.1 The District may extend the term of this contract for a period of (4) option periods, or successive fractions thereof, by written notice to the Contractor before the expiration of the contract; provided that the District will give the Contractor a preliminary written notice of its intent to extend at least thirty (30) days before the contract expires. The preliminary notice does not commit the District to an extension. The exercise of this option is subject to the availability of funds at the time of the exercise of this option. The Contractor may waive the thirty (30) day preliminary notice requirement by providing a written waiver to the Contracting Officer prior to expiration of the contract.

F.2.2 If the District exercises this option, the extended contract shall be considered to include this option provision.

F.2.3 The price for the option period shall be as specified in the contract.

F.2.4 The total duration of this contract, including the exercise of any options under this clause, shall not exceed five (5) years.

F.3 DELIVERABLES

Line #	Description	Days after Award
	PRELIMINARY PROJECT PLAN:	
CLIN 001	Contractor shall submit a detailed project plan to meet the requirements	2wks
CLIN 002	Hardware delivery to Site 1 – including main systems, accompanying modules, and all necessary accessories	6wks
CLIN 003	Software delivery to Site 1 – all required software media and manuals/ instructions for system operations at the Site	6wks
CLIN 004	Hardware installation at Site 1 – all components connected, powered up, and accessible locally or remotely	8wks

CLIN 005	Software installation at Site 1 – all components installed and functional with no unresolved errors or issues	8 wks
CLIN 006	Management software configuration – based on architecture, implementation plan, and other requirements	8wks
CLIN 007	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	10wks
CLIN 008	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	12wks
CLIN 009	Final documentation – with sufficient information and clarity for operations to maintain services	13wks
CLIN 010	Hardware delivery to Site 2 – including main systems, accompanying modules, and all necessary accessories	8wks
CLIN 011	Software delivery to Site 2 – all required software media and manuals/ instructions for system operations at the Site	8wks
CLIN 012	Hardware installation at Site 2 – all components connected, powered up, and accessible locally or remotely	10wks
CLIN 013	Software installation at Site 2 – all components installed and functional with no unresolved errors or issues	10wks
CLIN 014	Management software configuration – based on architecture, implementation plan, and other requirements	10 wks
CLIN 015	Provisioning space and migration for mainframe data – based on requirements and specs provided by involved groups/agencies	12 wks
CLIN 016	Provisioning space and migration for remaining servers – based on requirements and specs provided by involved groups/agencies	14 wks
CLIN 017	Site 1 and Site 2 data connectivity – connected and verified with data exchange between Sites	15 wks
CLIN 018	Site 1 and Site 2 data replication – software function configured and verified with data replication	16 wks
CLIN 019	Final documentation – with sufficient information and clarity for operations to maintain services	17 wks

- F.3.1** The Contractor shall submit to the District, as a deliverable, the report described in section H.5.5 of this contract that is required by the 51% District Residents New Hires Requirements and First Source Employment Agreement. If the Contractor does not submit the report as part of the deliverables, final payment to the Contractor may not be paid.

M.6 Preferences for Local Businesses, Disadvantaged Businesses, Resident-owned Businesses, Small Businesses, Longtime Resident Businesses, or Local Businesses with Principal Offices Located in an Enterprise Zone

Under the provisions of the “Small, Local, and Disadvantaged Business Enterprise Development and Assistance Act of 2005” (the Act), Title II, Subtitle N, of the “Fiscal Year 2006 Budget Support Act of 2005”, D.C. Law 16-33, effective October 20, 2005, the District shall apply preferences in evaluating bids or proposals from businesses that are small, local, disadvantaged, resident-owned, longtime resident, or local with a principal office located in an enterprise zone of the District of Columbia.

M.6.1 General Preferences

For evaluation purposes, the allowable preferences under the Act for this procurement are as follows:

- M.6.1.1 Three percent reduction in the bid price or the addition of three points on a 100-point scale for a small business enterprise (SBE) certified by the Small and Local Business Opportunity Commission (SLBOC) or the Department of Small and Local Business Development (DSLBD), as applicable;
- M.6.1.2 Three percent reduction in the bid price or the addition of three points on a 100-point scale for a resident-owned business enterprise (ROB) certified by the SLBOC or the DSLBD, as applicable;
- M.6.1.3 Ten percent reduction in the bid price or the addition of ten points on a 100-point scale for a longtime resident business (LRB) certified by the SLBOC or the DSLBD, as applicable;
- M.6.1.4 Two percent reduction in the bid price or the addition of two points on a 100-point scale for a local business enterprise (LBE) certified by the SLBOC or the DSLBD, as applicable;
- M.6.1.5 Two percent reduction in the bid price or the addition of two points on a 100-point scale for a local business enterprise with its principal office located in an enterprise zone (DZE) and certified by the SLBOC or the DSLBD, as applicable; and
- M.6.1.6 Two percent reduction in the bid price or the addition of two points on a 100-point scale for a disadvantaged business enterprise (DBE) certified by the SLBOC or the DSLBD, as applicable.

M.6.2 Application of Preferences

The preferences shall be applicable to prime contractors as follows:

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- M.6.2.1 Any prime contractor that is an SBE certified by the SLBOC or the DSLBD, as applicable, will receive a three percent (3%) reduction in the bid price for a bid submitted by the SBE in response to an Invitation for Bids (IFB) or the addition of three points on a 100-point scale added to the overall score for proposals submitted by the SBE in response to a Request for Proposals (RFP).
- M.6.2.2 Any prime contractor that is an ROB certified by the SLBOC or the DSLBD, as applicable, will receive a three percent (3%) reduction in the bid price for a bid submitted by the ROB in response to an IFB or the addition of three points on a 100-point scale added to the overall score for proposals submitted by the ROB in response to an RFP.
- M.6.2.3 Any prime contractor that is an LRB certified by the SLBOC or the DSLBD, as applicable, will receive a ten percent (10%) reduction in the bid price for a bid submitted by the LRB in response to an IFB or the addition of ten points on a 100-point scale added to the overall score for proposals submitted by the LRB in response to an RFP.
- M.6.2.4 Any prime contractor that is an LBE certified by the SLBOC or the DSLBD, as applicable, will receive a two percent (2%) reduction in the bid price for a bid submitted by the LBE in response to an IFB or the addition of two points on a 100-point scale added to the overall score for proposals submitted by the LBE in response to an RFP.
- M.6.2.5 Any prime contractor that is a DZE certified by the SLBOC or the DSLBD, as applicable, will receive a two percent (2%) reduction in the bid price for a bid submitted by the DZE in response to an IFB or the addition of two points on a 100-point scale added to the overall score for proposals submitted by the DZE in response to an RFP.
- M.6.2.6 Any prime contractor that is a DBE certified by the SLBOC or the DSLBD, as applicable, will receive a two percent (2%) reduction in the bid price for a bid submitted by the DBE in response to an IFB or the addition of two points on a 100-point scale added to the overall score for proposals submitted by the DBE in response to an RFP.

M.6.3 **Maximum Preference Awarded**

Notwithstanding the availability of the preceding preferences, the maximum total preference to which a certified business enterprise is entitled under the Act for this procurement is twelve percent (12%) for bids submitted in response to an IFB or the equivalent of twelve (12) points on a 100-point scale for proposals submitted in response to an RFP. There will be no preference awarded for subcontracting by the prime contractor with certified business enterprises.

M.6.4 **Preferences for Certified Joint Ventures**

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When the SLBOC or the DSLBD, as applicable, certifies a joint venture, the certified joint venture will receive preferences as a prime contractor for categories in which the joint venture and the certified joint venture partner are certified, subject to the maximum preference limitation set forth in the preceding paragraph.

M.6.5 Vendor Submission for Preferences

- M.6.5.1 Any vendor seeking to receive preferences on this solicitation must submit at the time of, and as part of its bid or proposal, the following documentation, as applicable to the preference being sought:
- M.6.5.1.1 Evidence of the vendor's or joint venture's certification by the SLBOC as an SBE, LBE, DBE, DZE, LRB, or RBO, to include a copy of all relevant letters of certification from the SLBOC; or
- M.6.5.1.2 Evidence of the vendor's or joint venture's provisional certification by the DSLBD as an SBE, LBE, DBE, DZE, LRB, or RBO, to include a copy of the provisional certification from the DSLBD.
- M.6.5.2 Any vendor seeking certification or provisional certification in order to receive preferences under this solicitation should contact the:
- Department of Small and Local Business Development
ATTN: LSDBE Certification Program
441 Fourth Street, N.W., Suite 970N
Washington, DC 20001
- M.6.5.3 All vendors are encouraged to contact the DSLBD at (202) 727-3900 if additional information is required on certification procedures and requirements.