

DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New
 OTR
 Sole Source
 Bid Waiver
 Emergency
 Previous Contract/Project No. 250-000-09-1-(3)
Contract
 Re-Bid
 Other- Legacy
 LIVING WAGE APPLIES: YES NO
 Requisition No./Project No.: RQET1800026
 TERM OF CONTRACT 5 YEAR(S) WITH 1 YEAR OTRs

Requisition /Project Title: Mid-Range Server Solution, Hardware/Software, Maintenance and Migration

Description: The Information Technology Department is soliciting proposals to select a strategic technology partner for the purpose of obtaining information technology hardware and services to replace our current Midrange Servers, including Hardware and Software Maintenance and Migration Services (the migration of all current servers running in the current midrange complexes to the new acquired hardware).

Issuing Department: ITD
 Contact Person: Juliana Manjarres
 Phone: 305-375-3065
 Estimate Cost: \$4,750,000

Funding Source: Internal Services Funds

ANALYSIS

Commodity Codes:	<u>95021</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Contract/Project History of previous purchases three (3) years Check here <input checked="" 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:	<u> </u>	<u> </u>	<u> </u>		
Small Business Enterprise:	<u> </u>	<u> </u>	<u> </u>		
Contract Value:	<u> </u>	<u> </u>	<u> </u>		
Comments:					
Continued on another page (s): <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					

RECOMMENDATIONS

	Set-aside	Sub-contractor goal	Bid preference	Selection factor
SBE	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Basis of recommendation:
See bid document

Signed: <u>Juliana Manjarres</u>	Date sent to SBD: <u>08/30/2019</u>
	Date returned to ISD Procurement: <u> </u>

This document is a draft of a planned solicitation and is subject to change without notice.



**REQUEST FOR PROPOSALS (RFP) No. 00000
FOR**

MID-RANGE SERVER SOLUTION, HARDWARE/SOFTWARE MAINTENANCE, MIGRATION

PRE-PROPOSAL CONFERENCE TO BE HELD:

_____, 2019 at __:00 AM (local time)
111 NW 1st Street, ___ Floor, Conf. Rm. __, Miami, Florida

ISSUED BY MIAMI-DADE COUNTY:

Internal Services Department, Strategic Procurement Division
(Through the Expedited Purchasing Program)
for
_____ Department

MIAMI-COUNTY CONTACT FOR THIS SOLICITATION:

Juliana Manjarres, Procurement Contracting Officer
111 NW 1st Street, Suite 1300, Miami, Florida 33128
Telephone: (305) 375-3065
E-mail: juliana.manjarres@miamidade.gov

PROPOSALS DUE:

INSERT DATE AND TIME

IT IS THE POLICY OF MIAMI-DADE COUNTY (COUNTY) THAT ALL ELECTED AND APPOINTED COUNTY OFFICIALS AND COUNTY EMPLOYEES SHALL ADHERE TO THE PUBLIC SERVICE HONOR CODE (HONOR CODE). THE HONOR CODE CONSISTS OF MINIMUM STANDARDS REGARDING THE RESPONSIBILITIES OF ALL PUBLIC SERVANTS IN THE COUNTY. VIOLATION OF ANY OF THE MANDATORY STANDARDS MAY RESULT IN ENFORCEMENT ACTION. (SEE IMPLEMENTING ORDER 7-7)

Electronic proposal responses to this RFP are to be submitted through a secure mailbox at BidSync until the date and time as indicated in this document. It is the sole responsibility of the Proposer to ensure its proposal reaches BidSync before the Solicitation closing date and time. There is no cost to the Proposer to submit a proposal in response to a Miami-Dade County solicitation via BidSync. Electronic proposal submissions may require the uploading of electronic attachments. The submission of attachments containing embedded documents or proprietary file extensions is prohibited. All documents should be attached as separate files. All proposals received and time stamped through the County's third party partner, BidSync, prior to the proposal submittal deadline shall be accepted as timely submitted. The circumstances surrounding all proposals received and time stamped after the proposal submittal deadline will be evaluated by the procuring department in consultation with the County Attorney's Office to determine whether the proposal will be accepted as timely. Proposals will be opened promptly at the time and date specified. The responsibility for submitting a proposal on or before the stated time and date is solely and strictly the responsibility of the Proposer. The County will in no way be responsible for delays caused by technical difficulty or caused by any other occurrence. All expenses involved with the preparation and submission of proposals to the County, or any work performed in connection therewith, shall be borne by the Proposer(s).

A Proposer may submit a modified proposal to replace all or any portion of a previously submitted proposal up until the proposal due date. The County will only consider the latest version of the proposal. For competitive bidding opportunities available, please visit the County's Internal Services Department website at: <http://www.miamidade.gov/procurement/>.

Requests for additional information or inquiries must be made in writing and submitted using the question/answer feature provided by BidSync at www.bidsync.com. The County will issue responses to inquiries and any changes to this Solicitation it deems necessary in written addenda issued prior to the proposal due date (see addendum section of BidSync Site). Proposers who obtain copies of this Solicitation from sources other than through BidSync risk the possibility of not receiving addenda and are solely responsible for those risks.

1.0 PROJECT OVERVIEW AND GENERAL TERMS AND CONDITIONS

1.1 Introduction

Miami-Dade County, hereinafter referred to as the County, as represented by the Miami-Dade County Information Technology Department, hereinafter referred to as "ITD", is soliciting proposals to select strategic technology partner for the purpose of obtaining information technology hardware and services for Midrange Servers, Hardware and Software Maintenance and Migration Services to replace our current IBM pSeries midrange complexes.

The County anticipates awarding a contract for a five-year period.

The anticipated schedule for this Solicitation is as follows:

Solicitation Issued:

Deadline for Receipt of Questions:

Proposal Due Date: See front cover for date and time.

Evaluation Process:

Projected Award Date:

Commented [MJ(1)]: Are we going to have OTRs?, I believe this was discussed during our meeting. Please confirm

Commented [CML(2R1)]:

1.2 Definitions

The following words and expressions used in this Solicitation shall be construed as follows, except when it is clear from the context that another meaning is intended:

1. The word "Contractor" to mean the Proposer that receives any award of a contract from the County as a result of this Solicitation, also to be known as "the prime Contractor".
2. The word "County" to mean Miami-Dade County, a political subdivision of the State of Florida.
3. The word "Moratorium" to mean the days in which no changes to servers or applications are allowed unless exceptions are approved.
4. The word "OEM" to mean the Original Equipment Manufacturer.
5. The word "Proposal" to mean the properly signed and completed written good faith commitment by the Proposer submission in response to this Solicitation by a Proposer for the Services, and as amended or modified through negotiations.
6. The word "Proposer" to mean the person, firm, entity or organization, as stated on the Proposal Submittal Form, submitting a proposal to this Solicitation.
7. The words "Scope of Services" to mean Section 2.0 of this Solicitation, which details the work to be performed by the Contractor.
8. The word "Solicitation" to mean this Request for Proposals (RFP) or Request for Qualifications (RFQ) document, and all associated addenda and attachments.
9. The word "Solution" to mean a full grouping of hardware and software, firmware, hypervisors, HMCs, cabling and partitionable servers and associated hardware as further defined in this solicitation.
10. The word "Subcontractor" to mean any person, firm, entity or organization, other than the employees of the Contractor, who contracts with the Contractor to furnish labor, or labor and materials, in connection with the Services to the County, whether directly or indirectly, on behalf of the Contractor.
11. The words "Work", "Services", "Program", or "Project" to mean all matters and things that will be required to be done by the Contractor in accordance with the Scope of Services, and the terms and conditions of this Solicitation.

1.3 General Proposal Information

The County may, at its sole and absolute discretion, reject any and all or parts of any or all proposals; accept parts of any and all proposals; further negotiate project scope and fees; postpone or cancel at any time this Solicitation process; or waive any irregularities in this Solicitation or in the proposals received as a result of this process. In the event that a Proposer wishes to take an exception to any of the terms of this Solicitation, the Proposer shall clearly indicate the exception in its proposal. No exception shall be taken where the Solicitation specifically states that exceptions may not be taken. Further, no exception shall be allowed that, in the County's sole discretion, constitutes a material deviation from the requirements of the Solicitation. Proposals taking such exceptions may, in the County's sole discretion, be deemed nonresponsive. The County reserves the right to request and evaluate additional information from any Proposer regarding Proposer's responsibility after the submission deadline as the County deems necessary.

The Proposer's proposal will be considered a good faith commitment by the Proposer to negotiate a contract with the County, in substantially similar terms to the proposal offered and, if successful in the process set forth in this Solicitation and subject to its conditions, to enter into a contract substantially in the terms herein. Proposer proposal shall be irrevocable until contract award unless the proposal

is withdrawn. A proposal may be withdrawn in writing only, addressed to the County contact person for this Solicitation, prior to the proposal due date and time, or upon the expiration of 180 calendar days after the opening of proposals.

As further detailed in the Proposal Submittal Form, Proposers are hereby notified that all information submitted as part of, or in support of proposals will be available for public inspection after opening of proposals, in compliance with Chapter 119, Florida Statutes, popularly known as the "Public Record Law."

Any Proposer who, at the time of proposal submission, is involved in an ongoing bankruptcy as a debtor, or in a reorganization, liquidation, or dissolution proceeding, or if a trustee or receiver has been appointed over all or a substantial portion of the property of the Proposer under federal bankruptcy law or any state insolvency law, may be found non-responsible.

To request a copy of any code section, resolution and/or administrative/implementing order cited in this Solicitation, contact the Clerk of the Board at (305) 375-5126, Monday- Friday, 8:00 a.m. – 4:30 p.m.

1.4 Aspirational Policy Regarding Diversity

Pursuant to Resolution No. R-1106-15, Miami-Dade County vendors are encouraged to utilize a diverse workforce that is reflective of the racial, gender and ethnic diversity of Miami-Dade County and employ locally-based small firms and employees from the communities where work is being performed in their performance of work for the County. This policy shall not be a condition of contracting with the County, nor will it be a factor in the evaluation of solicitations unless permitted by law.

1.5 Cone of Silence

Pursuant to Section 2-11.1(t) of the Code of Miami-Dade County, as amended, a "Cone of Silence" is imposed upon each RFP or RFQ after advertisement and terminates at the time a written recommendation is issued. The Cone of Silence prohibits any communication regarding RFPs or RFQs between, among others:

- potential Proposers, service providers, lobbyists or consultants **and** the County's professional staff including, but not limited to, the County Mayor and the County Mayor's staff, County Commissioners or their respective staffs;
- the County Commissioners or their respective staffs **and** the County's professional staff including, but not limited to, the County Mayor and the County Mayor's staff; or
- potential Proposers, service providers, lobbyists or consultants, any member of the County's professional staff, the Mayor, County Commissioners or their respective staffs **and** any member of the respective Competitive Selection Committee.

The provisions do not apply to, among other communications:

- oral communications with the staff of the Vendor Services Section, the responsible Procurement Contracting Officer, provided the communication is limited strictly to matters of process or procedure already contained in the Solicitation document;
- oral communications at pre-proposal conferences and oral presentations before Competitive Selection Committees during any duly noticed public meeting, public presentations made to the Board of County Commissioners during any duly noticed public meeting;
- recorded contract negotiations and contract negotiation strategy sessions; or
- communications in writing at any time with any County employee, official or member of the Board of County Commissioners unless specifically prohibited by the applicable RFP or RFQ documents.

When the Cone of Silence is in effect, all potential vendors, service providers, bidders, lobbyists and consultants shall file a copy of any written correspondence concerning the particular RFP or RFQ with the Clerk of the Board, which shall be made available to any person upon request. The County shall respond in writing (if County deems a response is necessary) and file a copy with the Clerk of the Board, which shall be made available to any person upon request. Written communications may be in the form of e-mail, with a copy to the Clerk of the Board at clerkbcc@miamidade.gov.

All requirements of the Cone of Silence policies are applicable to this Solicitation and must be adhered to. Any and all written communications regarding the Solicitation are to be submitted only to the Procurement Contracting Officer with a copy to the Clerk of the Board. The Proposer shall file a copy of any written communication with the Clerk of the Board. The Clerk of the Board shall make copies available to any person upon request.

1.6 Communication with Competitive Selection Committee Members

Proposers are hereby notified that direct communication, written or otherwise, to Competitive Selection Committee members or the Competitive Selection Committee as a whole are expressly prohibited. Any oral communications with Competitive Selection Committee members other than as provided in Section 2-11.1 of the Code of Miami-Dade County are prohibited.

1.7 Public Entity Crimes

Pursuant to Paragraph 2(a) of Section 287.133 of the Florida Statutes, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal for a contract to provide any goods or services to a public entity; may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work; may not submit proposals on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and, may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 of the Florida Statutes for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

1.8 Lobbyist Contingency Fees

- a) In accordance with Section 2-11.1(s) of the Code of Miami-Dade County, after May, 16, 2003, no person may, in whole or in part, pay, give or agree to pay or give a contingency fee to another person. No person may, in whole or in part, receive or agree to receive a contingency fee.
- b) A contingency fee is a fee, bonus, commission or non-monetary benefit as compensation which is dependent on or in any way contingent upon the passage, defeat, or modification of: 1) any ordinance, resolution, action or decision of the County Commission; 2) any action, decision or recommendation of the County Mayor or any County board or committee; or 3) any action, decision or recommendation of any County personnel during the time period of the entire decision-making process regarding such action, decision or recommendation which foreseeably will be heard or reviewed by the County Commission or a County board or committee.

1.9 Collusion

In accordance with Section 2-8.1.1 of the Code of Miami-Dade County, where two (2) or more related parties, as defined herein, each submit a proposal for any contract, such proposals shall be presumed to be collusive. The foregoing presumption may be rebutted by the presentation of evidence as to the extent of ownership, control and management of such related parties in preparation and submittal of such proposals. Related parties shall mean Proposer, the principals, corporate officers, and managers of the Proposer; or the spouse, domestic partner, parents, stepparents, siblings, children or stepchildren of a Proposer or the principals, corporate officers and managers thereof which have a direct or indirect ownership interest in another Proposer for the same contract or in which a parent company or the principals thereof of one Proposer have a direct or indirect ownership in another Proposer for the same contract. Proposals found to be collusive shall be rejected. Proposers who have been found to have engaged in collusion may be considered non-responsible, and may be suspended or debarred, and any contract resulting from collusive bidding may be terminated for default.

1.10 Contract Measures

This Solicitation includes contract measures for Miami-Dade County Certified Small Business Enterprises (SBE's) pursuant to Sections 2-8.1.1.1.1 and 2.1.1.1.2 of the Code of Miami-Dade County as follows:

Set-aside:

This Solicitation is set-aside for SBE's.

Subcontractor Goal:

_____% SBE subcontractor goal is applicable. The purpose of a subcontractor goal is to have portions of the work under the contract performed by available subcontractors that are certified SBEs for contract values totaling not less than the percentage of the contract value set out in this Solicitation. Subcontractor goals may be applied to a contract when estimates made prior to Solicitation advertisement identify the quality; quantity and type of opportunities in the contract and SBEs are available to afford effective competition in providing a percentage of these identified services. Proposers shall submit a completed Schedule of Intent Affidavit (Form SBD 504) at the time of proposal identifying all SBEs to be utilized to meet the subcontractor goal. The Schedule of Intent Affidavit shall specify the scope of work and commodity code the SBE will perform. The Schedule of Intent Affidavit constitutes a

written representation by the Proposer that to the best of the Proposer’s knowledge the SBEs listed are available and have agreed to perform as specified, or that the Proposer will demonstrate unavailability. The Schedule of Intent Affidavit can be found at <http://www.miamidade.gov/business/library/forms/sbe-soi.pdf>.

The participating SBE firms (or joint ventures) must have a valid Miami-Dade County SBE certification by the proposal due date and time as well as meet all other requirements. Additional information regarding Miami-Dade County’s Small Business Enterprise Program, including new amendments to the Program, is available on the Small Business Development’s website <http://www.miamidade.gov/smallbusiness/>

(If Selection Factor, use Section 4.4 and delete above Section 1.11)

2.0 SCOPE OF SERVICES

2.1 Background

The County has approximately 28,000 employees across 25 departments that provide services to 2.7 million citizens. ITD is responsible for providing technology support, infrastructure, and integration for all departments. ITD is soliciting proposals to select a strategic technology partner for the purpose of obtaining information technology hardware and services to replace our current Midrange Servers, including Hardware and Software Maintenance and Migration Services (the migration of all current servers running in the current midrange complexes to the new acquired hardware).

2.2 Current Environment

Regional Data Processing Communication Center (RDPC)
5680 87 Ave, Miami, 33186 (ITD)

At this location ITD currently operates two IBM p7 pSeries systems with two hardware management consoles, located at RDPC building.

Equipment and capacities for the RDPC Server:

2 IBM pSeries 795 (also known as T1 and T2)
T1 has 71 active processors running in Turbo mode, with 3039 GB of memory.
T2 has 66 active processors running in Turbo mode, with 3248 GB of memory.
All processors are running in Turbo Mode at 4256 MHz.
Total of 211 LPARs amongst both servers, including 17 HACMP clusters.
I/O: Please refer to Appendix F for the current I/O connectivity cards.
Operating System: AIX 7.1 or above.
PSeries Management: 2 HMCs.

See Appendix D for current software in the workload.

Managed System	Type Model	Total Cores	Active Cores	Current Avail Cores	Pool Size	Virtual Procs	#LPARs	Tot GB Memory	Act GB Memory	Firmware GB	Current Avail GB Memory
T1	9119-FHB	128	71	0.70	71	253	105	8,192.00	3,039.00	206.50	132.25
T2	9119-FHB	128	66	0.35	66	258	106	8,192.00	3,248.00	237.50	5.50

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Integrated Command Facility (ICF) (formerly known as LightSpeed or ICFB):
11500 NW 25th Street – Doral, FL 33172

Note: This server is not being replaced. The server at this location, one IBM p7 pSeries system with one hardware management console is being used only for Disaster Recovery purposes only, but it is no longer needed. We would consider trading in this equipment.

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Equipment and capacities for the ICF Server:

1 pSeries 795 (T3) with 32 processors, 2 TB memory, 11 LPARs.
1 HMC

Managed System	Type Model	Total Cores	Active Cores	Current Avail Cores	Pool Size	Virtual Procs	#LPARs	Tot GB Memory	Act GB Memory	Firmware GB	Current Avail GB Memory
T3	9119-FHB	64	32	22.90	32	22	11	4,096.00	2,048.00	17.00	1932.00

The County currently has approximately 100 virtual server guests in the physical complex server T1 and another set of approximately 100 virtual server guests in the physical complex server T2.

The County currently uses HACMP (PowerHA) software to provide high availability clusters, in which an HACMP server fails over to another server in a different frame. This can be done for maintenance, or it is done automatically, without user intervention, in case of unplanned failures.

2-22.3 Midrange Servers, Related Hardware, Hardware and Software Maintenance and Support and Migration Services

The County is requesting a Solution that includes the midrange products outlined in this Solicitation. The workload will be required to be satisfied by a minimum of two physical midrange servers (not counting consoles) due to high availability and redundancy. The County will not replace or reinstall any applications or application software, not reconfiguring applications. The objective of this Solicitation is to replace the current midrange servers.

2-2-42.3.1 Midrange Servers

2-2-42.3.1.1 Two physical Partitionable midrange, scalable mission-critical racked servers, with at least 4 TB of memory per server, 48 4.0Ghz processors per server, at least 16 network 10-GB cards copper or fiber per server, at least 16 fiber HBA (storage connectivity cards) per server, to provide enough equivalent processing power, memory and I/O capacity to run the current workload of virtual hosts on the County's end-of-life Midrange servers located at RDPCC, plus an additional 30% growth in processors and memory, to continue the expansion of processing capabilities in the open systems environment.

2-2-42.3.1.2 For redundancy, the Solution should be required to include two consoles or appliances, which are cross-connected to the midrange servers to manage partitions, virtual guests and included hardware. Each console shall be able to manage both physical servers. The consoles shall be installed in two separate racks at opposite ends of the row of racks for power redundancy to these consoles.

2-2-42.3.1.3 The proposed Solution processors shall provide equal or better performance power than the current pSeries p7 servers (processors speed will be required to be 4.0 GHz or higher).

2-2-42.3.1.4 The Solution should to allow redundancy equal to or exceeding the current midrange servers.

2-2-22.3.2 Related Hardware

2-2-42.3.2.1 To maintain I/O performance and availability (to connect to network and storage), the proposed Solution shall include enough physical adapters to allow the County to create the following non-virtual servers in each of the servers: redundant network installation managers, dual and redundant virtual I/O appliances, and redundant backup servers, redundant filesystem sharing servers. The filesystem sharing servers can be the same physical servers as the backup servers.

2-2-22.3.2.2 Midrange servers must be pre-racked (rack will be required to be included in the proposal), MDC shall approve rack models.

2-2-32.3.2.3 One DVD drive connected in/to the midrange servers shall be provided in the proposal.

2-2-42.3.2.4 Administrator Management Consoles shall not be pre-racked. AMCs shall be installed in current HMCs T42 racks (two racks located at opposite ends of the row of racks for power redundancy to these consoles).

See Appendix F, (INSERT TITLE HERE), for the required number and type of physical adapters per midrange server. Appendix B, (INSERT TITLE HERE), details current midrange configuration and workloads.

2-2-32.3.3 Hardware Compatibility

The Solution proposed will be required to be compatible with all installed infrastructure and application hardware and technologies. The County is not considering replacing the current storage at this time, therefore, the proposed Solution will be required to connect and work seamlessly with the County's current midrange storage. All new storage cables from the new midrange proposed servers to the current storage will be responsibility of the selected Proposer. The selected proposer shall provide a detailed list specifying all storage arrays which are supported and certified to work with High Availability and Clustering solution proposed.

All new network cables for network cards and for I/O appliances ethernet cards will be the responsibility of the selected proposer and need to be included in the proposal. Virtual guests' hosts will be required to be able to boot up from storage and use N-Port ID Virtualization (NPV) fiber technology to access current storage. The proposed Solution is required to be binary compatible with current hardware to not have to recompile or re-install current application software.

2-2-42.3.4 Software Compatibility

The proposed Solution is required to be compatible with all installed infrastructure and application software and technologies. All application interfaces running in the current midrange servers need to be certified, migrated, and working in the new proposed Solution.

The new proposed Solution should not result in a need for additional software licenses. The proposed Solution will be required to encompass ALL software, applications and interfaces running in the current midrange servers as shown in Appendix D. No application, software or interface can be left out of the Solution. All software and applications need to be certified, migrated and working in the proposed Solution.

None of the software products listed in Appendix D can be interchanged. All software that currently runs in the County's midrange servers needs to run in the new midrange servers. Appendix D, (INSERT TITLE HERE), includes a list of software installed and running in the current Midrange servers, as well as applications and application interfaces, and workloads. This list is not meant to be exhaustive or definitive.

2-2-52.3.5 Growth Capacity and expandability

2-2-5-42.3.5.1 The proposed Solution shall be able to run the current midrange workloads, as outlined in Appendix B, plus 30% growth over 5 years. It will be required to include the ability to permanently activate processors and memory non-disruptively, using capacity on demand and/or temporary capacity on demand (COD and TCOD).

2-2-5-22.3.5.2 The proposed Solution hardware will be required to be expandable to allow long term growth of processors, memory, and I/O, if needed, over the 30% capacity growth. This expansion beyond the 30% can be disruptive if needed.

2-2-5-32.3.5.3 Optional days of capacity on demand may be included in the proposal to allow for peak growth and/or to provide growth for possible upcoming workload.

2-2-62.3.6 Virtualization Technology

2-2-6-42.3.6.1 The selected Solution will be required to provide virtualization technology to run all current virtual guest servers in a ~~maximum~~ minimum of two physical midrange partitionable servers.

2-2-6-22.3.6.2 The selected Solution will be required to include the functionality equivalent to a network installation manager to install the operating systems and software of virtual guest servers over the network and manage the 200+ virtual guest hosts that need to be migrated to the new solution.

2-2-6-32.3.6.3 The selected Solution will be required to include the ability to move virtual hosts between physical servers with no outage, downtime, or disruption of service for the virtual hosts (online migration).

2-2-6-42.3.6.4 For the County to not incur additional software licenses, the selected Solution is required to include processor pooling or equivalent, to aggregate software licenses for all software listed in the appendices.

2-2-6-52.3.6.5 The selected Solution will be required to allow dynamic adding or removal of processors and memory (and optionally I/O hardware) to/from virtual guests hosts defined in the midrange servers.

2-2-6-62.3.6.6 The selected Solution will be required to have processor sparing and memory RAID and hot sparing for reliability.

Commented [MJ(3)]: Are we going to have a definition for Midrange? If so, please provide. Please refer to the definition of Solution for reference.
We can use lowercase and don't need to define the term, unless you believe a definition is necessary.

Commented [RG(4R3)]: I do not think we need a definition. Lowercase is fine. We have mentioned before our current environment, current midrange servers which is what we are replacing so that is what we are refereeing to. That is what we call midrange servers in this document.

Commented [CML(5R3)]: Agree with Gaby's response.

2.2.6.72.3.6.7 The selected Solution will be required to allow the activation of processors and memory, on and off, using Capacity on Demand, permanent and temporary options.

2.2.72.3.7 **High Availability Technology**

The County requires the mission critical computer services it provides the residents to be highly available, preferably 24 hours a day and 365 days per year.

The proposed Solution will be required to provide the ability for computer services to be highly available, and the ability to restart/recover computer services automatically without human intervention in the event of failure of hardware, network, power, or software application (failover). The proposed Solution will be required to match or exceed current high availability for workloads. Full capacity licensing of the high availability software will be required to be provided and included in the proposal to not incur extra licensing costs.

See Appendix B for current high availability of workloads.

2.2.82.3.8 **Infrastructure Software**

2.2.8.42.3.8.1 The proposed Solution will be required to match or exceed current infrastructure software workloads, including backup software, high availability software, software that allows file sharing over storage cards, workload schedulers software, etc., and the infrastructure software shall be compatible with the current backup, clustering, filesharing and schedulers infrastructure.

2.2.8.22.3.8.2 Full capacity licensing for the infrastructure software (operating system, virtualization software, high availability software, filesystem sharing software, etc.) needs to be provided and included in the proposal.

2.2.8.32.3.8.3 The proposed Solution should include all basic software required to manage and operate the system in the County's environment plus any additional software licenses that the County needs to operate the current workloads in the proposed equipment. The County should not incur any extra licensing costs as a result of the proposed Solution.

2.2.8.42.3.8.4 ILMT (IBM License Metric Tool) is needed for license compliance for current IBM application software. The selected Proposer shall be responsible to install and configure ILMT and to validate for accuracy the installation of ILMT in the new solution. ILMT report server can be installed in current ILMT report server hardware.

2.2.8.52.3.8.5 Two C-compiler user licenses need to be included in the proposal.

See Appendix B for current infrastructure of workloads.

2.2.92.3.9 **Migration Services**

No storage data migrations should be required to move applications from the current midrange servers to the proposed Solution. The migration to the new solution shall not impact the County business schedule of Moratoriums) and normal business hours. Migrations cannot be disruptive, and will be required to minimize impact to applications and workloads running in the current midrange servers. All migration activities should be completed during off-hours. [Appendix G-The includes the schedule of Moratoriums are as follows:-](#)

[Tax Moratorium is the Nov 1-30 and last 3 days of the month from December to March.](#)

The selected Proposer will provide, install and configure all software required for the migration process and shall be responsible for all migration required. Selected Proposer shall provide and be responsible for all migration processes, scripts, JCL, and procedures necessary to migrate virtual hosts from the current midrange servers to the proposed Solution servers.

2.2.9.42.3.9.1 For non-virtual clients, backup and restore should be used to migrate from the current midrange servers to the new midrange solution servers. Current volume groups should be imported in the new servers and filesystems mounted without physical data migration of application data in current storage (physical data migration requires double storage capacity and data testing).

2.2.9.22.3.9.2 Migrations cannot be disruptive, and will be required to minimize impact to applications and workloads running in the current midrange servers.

2.2.9.32.3.9.3 The solution should be able to maintain the current network (IP) addresses and network configurations and connect to current network infrastructure.

2.2.9.42.3.9.4 Documentation needs to be provided which shall include at least all migration scripts, administrator console configuration, and migration schedule.

2.2.9.52.3.9.5 Staff participating in all migration activities shall go through all necessary County screening, fingerprinting, and background checks as required by County policy. Those which for whatever reason do not pass all security protocols relating to contractors will be required to be escorted by authorized County personnel when on the premises or monitored when accessing County Computer infrastructure.

2.2.402.3.10 Security Standards

Any contract awarded to a private contractor/vendor wherein a software application/program that accesses, processes, and stores criminal justice information (CJI), or the selected private contractor/vendor requires physical or logical access to the MPDP (Miami Dade Police Department) or MDRF's network which contains CJI, must comply with all security policy requirements outlined in the Florida Department of Law Enforcement's (FDLE) Criminal Justice Information Systems (CJIS) Security Policy, as outlined at the following link:

<http://benchmarks.cisecurity.org/downloads/browse/index.cfm?category=benchmarks>

The selected Proposer, and any of its employees or sub-contractors, that requires physical or logical access to the MDPD or MDRF's network must review the Federal Bureau of Investigation's (FBI) CJIS Security Addendum (attached as Annex A to Exhibit H, Draft Form of Agreement), and sign the FBI's CJIS Security Addendum Certification upon completion of a fingerprint, criminal background check, proof of citizenship or authorization to be employed in the United States, and successful passing of the CJIS Security Awareness Test (attached as Annex B to Exhibit F, Draft Form of Agreement), biennially.

2.2.442.3.11 Minimum Maintenance and Support Services

The Selected Proposer shall be responsible for providing Maintenance and Support Services on the Solution, for the duration of the contract, as further described below:

2.2.44.42.3.11.1 Hardware and software maintenance shall have 24X7 support. Response time for call back shall not exceed 4 hours. All hardware and software pre-paid maintenance is to include a maximum of one-hour telephone call-back and a maximum of four (4) hour on-site response objective for their respective terms to include all parts and labor.

2.2.44.22.3.11.2 The selected Proposer shall be the OEM or must be authorized by the OEM to provide support and maintenance for the Solution.

~~_____The selected Proposer shall provide removal and disposal of hardware.~~

2.2.422.3.12 Training on new Hardware and Software

2.2.42.42.3.12.1 The selected Proposer shall offer formal training on all aspects of the Solution.

2.2.42.22.3.12.2 The selected Proposer shall provide onsite training on the use and maintenance of the solution hardware, operating system and infrastructure software, for at least six system administrators. The onsite training should be conducted during normal business hours. The selected Proposer shall also provide additional online training and knowledge transfer for at least six system administrators, including training for all activities for which the County is responsible for these activities during normal business hours.

2.2.432.3.13 Installation Services and Setup

2.2.43.42.3.13.1 The selected Proposer must be authorized by the OEM to complete installation and setup of the Solution. This may include running diagnostic testing and verification of all Solution components.

2.2.43.22.3.13.2 The successful Proposer will schedule and proceed with the installation of the Solution upon completion of inventory in consultation with the County.

2.2.43.32.3.13.3 The selected Proposer will keep the area clean and in an unobstructed condition.

2.2.43.42.3.13.4 Installation and initial configuration shall be completed within 15 working days from delivery of the Solution.

2.2.43.52.3.13.5 A meeting with County staff shall be conducted no later than 10 business days prior to the delivery of all hardware specified in this Solicitation, at Miami Dade ITD RDPC County facility. If additional meetings are necessary prior to installation this shall be determined at the first Systems Assurance meeting, as mutually agreed.

2.2.43.62.3.13.6 A walk-through and preplanning meeting may be requested with the selected Proposer to discuss power, cooling, floor space, tile cuts requirements, etc., required for installation.

[2.2.13.72.3.13.7](#) The selected Proposer shall provide all manufacturers' documentation and installation materials at the time of delivery.

[2.2.13.82.3.13.8](#) The selected Proposer is responsible for the disconnection, packing, and removal and shipping of all equipment to be replaced within 30 days of completion of the workload migration.

[2.2.13.92.3.13.9](#) Data drives of all equipment which is replaced shall be disposed of by following all County procedures and standards.

[2.2.13.102.3.13.10](#) Following turnover by the selected Proposer, County Administrators and applications users will verify that all tasks currently performed on their existing equipment can be performed on the new equipment.

[2.2.13.112.3.13.11](#) A systems reliability period of 60 days prior to acceptance will apply. During this reliability period, the vendor will cure any deficiency that may be found, as a condition for acceptance.

[2.2.13.122.3.13.12](#) If it is determined that the new equipment meets or exceeds the technical requirements in this solicitation, an Acceptance Certificate will be issued within seven days after the 60 days reliability period. If it is found that the equipment does not meet the technical requirements as detailed in this solicitation, it may constitute grounds for default and the order may be cancelled.

[2.2.13.132.3.13.13](#) An extension to the reliability period may be considered and negotiated to allow vendor reasonable time to cure any deficiency. Such request for extension shall be made in writing to the Distributed Systems Manager, stating the deficiency, the proposed remedy, the required time, and the reason for the required extension.

[2.2.142.3.14](#) **Equipment Delivery, Transportation and Handling**

[2.2.14.12.3.14.1](#) Delivery Required: If the equipment of the selected Proposer requires new power installation, the County will require up to six (6) weeks to prepare the sites. In this case, the County and the selected Proposer will agree on a mutually convenient equipment delivery schedule, but it cannot exceed three weeks after completion of the site preparations.

[2.2.14.22.3.14.2](#) Delivery Location: RDPCC: 5680 SW 87 Ave, Miami, 33186

[2.2.14.32.3.14.3](#) Loading Dock hours: RDPCC, Monday thru Friday, hours: 8:30 a.m. to 4:30 p.m., except during County observed holidays.

[2.2.14.42.3.14.4](#) Door Dimensions for delivery entryways are as follows:

Option 1: Loading Dock to Storage Facility: 80"H x 94" W Door out of Storage Facility: 79 1/4"H x 59"W

Door into Data Center: 83"Hx70w

Option 2: Loading Dock to Hallway: 97"h x 30"w Door into Data Center: 83"Hx70w

[2.2.14.52.3.14.5](#) Upon delivery, the selected Proposer shall inventory shipment for completeness and ensure that missing parts or components, if any, are delivered promptly, complete a physical inspection of all components for damage, and promptly replace all damaged components.

[2.2.14.62.3.14.6](#) The county will prepare the space, power and cooling required for the equipment proposed, at all county facilities. If the Solution proposed will require any changes to the existing power supply or other environmental requirements at any of the locations, the cost for the changes will be borne by the selected Proposer.

[2.2.152.3.15](#) **Trade-in Equipment**

The County is seeking a trade-in option for the current hardware, listed in section 2.2, including the midrange servers located at RDPCC, consisting of two IBM p7 pSeries systems with two hardware management consoles, --being replaced through this solicitation--. We are also looking to trade in the equipment located at ICF, consisting of one IBM p7 pSeries system with one hardware management console, which is not being replaced.

[2.3.15.1](#) The selected Proposer shall provide removal of trade-in equipment.

[2.3.15.2](#) If no trade-in is offered, the awarded vendor would be required to de-install the equipment. Remove all internal drives which the county will retain for destruction. Raising the leveling feet of the equipment, disconnect all cables connections including SAN, network and electrical. Secure all drawers, trays and doors, in preparation for removal by Miami Dade County ISD.

[2.2.162.3.16](#) **Financial Services**

The County is seeking to finance the purchase of the Solution for a five year period with payments made annually.

[2.2.172.3.17](#) **Dedicated Personnel**

The County requires access to dedicated sales and product support staff to facilitate operations, Monday through Friday, from 8:00 a.m. to 5:00 p.m., Eastern Standard Time. This may include administrative support staff to provide the County with order status, delivery information, back order information, pricing, product offerings/exclusions, contract compliance requirements and general product

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Commented [CML(9)]: This section was updated to clarify

information as well as product support staff such as systems engineers and product specialists. The County requires to have remote support 24 x 7.

2.2.18 2.3.18 **Disaster Recovery Services**

The County may be interested in procuring Disaster Recovery Functionality of the solution listed in the Proposal during the life of the contract and may reach out to the awarded vendors and request pricing.

3.0 RESPONSE REQUIREMENTS

3.1 **Submittal Requirements**

In response to this Solicitation, Proposer should **complete and return the entire Proposal Submission Package**. Proposers should carefully follow the format and instructions outlined therein. All documents and information must be fully completed and signed as required and submitted in the manner described.

The proposal shall be written in sufficient detail to permit the County to conduct a meaningful evaluation of the proposed services. However, overly elaborate proposals are not requested or desired.

4.0 EVALUATION PROCESS

4.1 **Review of Proposals for Responsiveness**

Each proposal will be reviewed to determine if the proposal is responsive to the submission requirements outlined in this Solicitation. A responsive proposal is one which follows the requirements of this Solicitation, includes all documentation, is submitted in the format outlined in this Solicitation, is of timely submission, and has the appropriate signatures as required on each document. Failure to comply with these requirements may result in the proposal being deemed non-responsive.

4.2 **Evaluation Criteria**

Proposals will be evaluated by a Competitive Selection Committee which will evaluate and rank proposals on criteria listed below. The Competitive Selection Committee will be comprised of appropriate County personnel and members of the community, as deemed necessary, with the appropriate experience and/or knowledge, striving to ensure that the Competitive Selection Committee is balanced with regard to both ethnicity and gender. The criteria are itemized with their respective weights for a maximum total of one hundred (100) points per Competitive Selection Committee member.

Technical Criteria	Points
1 Proposer's relevant experience and qualifications in the information technology industry providing Midrange Servers, maintenance, and support services to large government entities.	10
2 Infrastructure Hardware and Software; Proposed solution's capabilities, meeting or exceeding the specifications as described in Sections 2.3.1. and Section 2.3.2	20
3 Proposer's capability to provide virtualization technologies to facilitate the maintenance of all current and future workloads in the environments, including capability to dynamic add and remove processors and memory and adding and removing of resources with Capacity on Demand, temporary and permanent. Section 2.3.6	20

4	Proposer's capability to provide growth and expandability as described in Section 2.3.5	10
5	Approach to providing services: Proposed Installation and Migration strategy	30
6	Proposed Timeline	10
Price Criteria		
12	Proposed pricing and Financing Options	20
Total Points Per Evaluation/Selection Committee Member:		120

Technical Criteria Points

- 0. ~~Background, experience and qualifications, including key personnel and subcontractors~~
- 0. ~~Solution specifications, and capabilities~~
- 0. ~~Approach to providing services~~
- 0. ~~Timeline~~

Price Criteria Points

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Commented [RG(12R10)]: I will review with the rest of the team here and provide points

4.3 Oral Presentations

Upon evaluation of the technical criteria indicated above, rating and ranking, the Competitive Selection Committee may choose to conduct an oral presentation with the Proposer(s) which the Competitive Selection Committee deems to warrant further consideration based on, among other considerations, scores in clusters and/or maintaining competition. (See Affidavit – "Lobbyist Registration for Oral Presentation" regarding registering speakers in the proposal for oral presentations.) Upon completion of the oral presentation(s), the Competitive Selection Committee will re-evaluate, re-rate and re-rank the proposals remaining in consideration based upon the written documents combined with the oral presentation.

4.4 Selection Factor

This Solicitation includes a selection factor for Miami-Dade County Certified Small Business Enterprises (SBE's) as follows. A SBE/Micro Business Enterprise is entitled to receive an additional ten percent (10%) of the total technical evaluation points on the technical portion of such Proposer's proposal. An SBE/Micro Business Enterprise must be certified by Small Business Development for the type of goods and/or services the Proposer provides in accordance with the applicable Commodity Code(s) for this Solicitation. For certification information contact Small Business Development at (305) 375-2378 or <http://www.miamidade.gov/smallbusiness/>

The SBE/Micro Business Enterprise must be certified by proposal submission deadline, at contract award, and for the duration of the contract to remain eligible for the preference. Firms that graduate from the SBE Program during the contract term may remain on the contract.

OR

A Selection Factor is not applicable to this Solicitation.

OR

(If no points are assigned to evaluation criteria, include the following in addition to above paragraph):

Whenever there are two best ranked proposals that are substantially equal and only one of the two so ranked proposals is submitted by a Proposer entitled to a selection factor, the selection factor shall be the deciding factor for award.

4.5 Local Certified Veteran Business Enterprise Preference

This Solicitation includes a preference for Miami-Dade County Local Certified Veteran Business Enterprises in accordance with Section 2-8.5.1 of the Code of Miami-Dade County. "Local Certified Veteran Business Enterprise" or "VBE" is a firm that is (a) a local business pursuant to Section 2-8.5 of the Code of Miami-Dade County and (b) prior to proposal or bid submittal is certified by the State of Florida Department of Management Services as a veteran business enterprise pursuant to Section 295.187 of the Florida Statutes. A VBE that submits a proposal in response to this solicitation is entitled to receive an additional five percent of the evaluation points scored on the technical portion of such vendor's proposal. If a Miami-Dade County Certified Small Business Enterprise (SBE) measure is being applied to this Solicitation, a VBE which also qualifies for the SBE measure shall not receive the veteran's preference provided in this section and shall be limited to the applicable SBE preference. At the time of proposal submission, the firm must affirm in writing its compliance with the certification requirements of Section 295.187 of the Florida Statutes and submit this affirmation and a copy of the actual certification along with the Proposal Submittal Form.

4.6 Price Evaluation

~~After the evaluation of the technical proposal, in light of the oral presentation(s) if necessary, the County will evaluate the price proposals of those Proposers remaining in consideration.~~

The price proposal will be evaluated subjectively in combination with the technical proposal, including an evaluation of how well it matches Proposer's understanding of the County's needs described in this Solicitation, the Proposer's assumptions, and the value of the proposed services. The pricing evaluation is used as part of the evaluation process to determine the highest ranked Proposer. The County reserves the right to negotiate the final terms, conditions and pricing of the contract as may be in the best interest of the County.

4.7 Local Preference

The evaluation of competitive solicitations is subject to Section 2-8.5 of the Miami-Dade County Code of Miami-Dade County, which, except where contrary to federal or state law, or any other funding source requirements, provides that preference be given to local businesses. If, following the completion of final rankings by the Competitive Selection Committee a non-local Proposer is the highest ranked responsive and responsible Proposer, and the ranking of a responsive and responsible local Proposer is within 5% of the ranking obtained by said non-local Proposer, then the Competitive Selection Committee will recommend that a contract be negotiated with said local Proposer.

4.8 Negotiations

The Competitive Selection Committee will evaluate, score and rank proposals, and submit the results of the evaluation to the County Mayor or designee with its recommendation. The County Mayor or designee will determine with which Proposer(s) the County shall negotiate, if any, taking into consideration the Local Preference Section above. The County Mayor or designee, at their sole discretion, may direct negotiations with the highest ranked Proposer, negotiations with multiple Proposers, and/or may request best and final offers. In any event the County engages in negotiations with a single or multiple Proposers and/or requests best and final offers, the discussions may include price and conditions attendant to price.

Notwithstanding the foregoing, if the County and said Proposer(s) cannot reach agreement on a contract, the County reserves the right to terminate negotiations and may, at the County Mayor's or designee's discretion, begin negotiations with the next highest ranked Proposer(s). This process may continue until a contract acceptable to the County has been executed or all proposals are rejected. No Proposer shall have any rights against the County arising from such negotiations or termination thereof.

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Any Proposer recommended for negotiations shall complete a Collusion Affidavit, in accordance with Section 2-8.1.1 of the Code of Miami-Dade County. (If a Proposer fails to submit the required Collusion Affidavit, said Proposer shall be ineligible for award.)

Any Proposer recommended for negotiations may be required to provide to the County:

- a) Its most recent certified business financial statements as of a date not earlier than the end of the Proposer’s preceding official tax accounting period, together with a statement in writing, signed by a duly authorized representative, stating that the present financial condition is materially the same as that shown on the balance sheet and income statement submitted, or with an explanation for a material change in the financial condition. A copy of the most recent business income tax return will be accepted if certified financial statements are unavailable.
- b) Information concerning any prior or pending litigation, either civil or criminal, involving a governmental agency or which may affect the performance of the services to be rendered herein, in which the Proposer, any of its employees or subcontractors is or has been involved within the last three years.

4.9 Contract Award

Any proposed contract, resulting from this Solicitation, will be submitted to the County Mayor or designee. All Proposers will be notified in writing of the decision of the County Mayor or designee with respect to contract award. The Contract award, if any, shall be made to the Proposer whose proposal shall be deemed by the County to be in the best interest of the County. Notwithstanding the rights of protest listed below, the County’s decision of whether to make the award and to which Proposer shall be final.

4.10 Rights of Protest

A recommendation for contract award or rejection of all proposals may be protested by a Proposer in accordance with the procedures contained in Sections 2-8.3 and 2-8.4 of the Code of Miami-Dade County, as amended, and as established in Implementing Order No. 3-21.

5.0 TERMS AND CONDITIONS

The County’s anticipated form of agreement is attached. Proposers should review the draft in its entirety.

6.0 ATTACHMENTS

- Proposal Submission Package:
- Appendix A – Current Configurations
- Appendix B – Midrange configuration and workloads
- Appendix C – Interface Inventory
- Appendix D – List of Software currently installed in the mainframe
- Appendix E – SAN Infrastructure
- Appendix F – List of required number and type of physical adapters per midrange server
- Appendix G – Schedule of Moratoriums
- Appendix HG – Draft Form of Agreement
- Web Forms – Proposal Submittal Form, Fair Subcontract Practices Affidavit, Subcontractor Listing, Lobbyist Registration Form, and Contractor Due Diligence Affidavit
- Form 1 – Price Proposal Schedule

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Commented [MJ(15)]: Please review these Appendices and confirm and/or provide titles and copies of such documents.

Commented [RG(16R15)]: I uploaded Appendixes A- F to the SharePoint site.