SUBJECT: F5 LOAD BALANCING APPLIANCE REPLACEMENT

BID #: XF-0357-17 **OPEN DATE: 2016-12-14**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: ONE-TIME PURCHASE

AGENCY: INFORMATION TECHNOLOGIES DIVISION

BASIS OF AWARD: BY GROUP, TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER(S)

NUMBER OF BIDS INVITED: 7 **NUMBER RECEIVED:** 1 **OTHER:** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval of award to the lowest responsive, responsible bidder, CDW Government, LLC., for Group 1 – Hardware/Software and Optional Trade-In Items in the amount of $187,554.18 and Group 2 – Consulting in the amount of $21,920.00. This is a one-time purchase. Total expenditure not-to-exceed $209,474.18.

Funding for this award to be encumbered by accounts:
AFIT537-06427 - $198,068.00
AFIT531CSCS-06427 - $11,407.00
To be executed by purchase order(s).

Attachments: Recommendation Memo, Bid Tabulation Sheet, Terms and Conditions

Analyst: _____
CHELSEY RENFROE

RESPECTFULLY SUBMITTED: _____
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Kenneth Lathrop, Chief of Information Technologies Division

---

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

_____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

INFORMATION TECHNOLOGIES DIVISION

Jacksonville
Where Florida Begins.

December 15, 2016

TO: Greg Pease, Chief of Procurement Division

VIA: Kenneth E. Lathrop, Chief of Information Technologies / CIO Kenneth E. Lathrop

FROM: Thomas Ossi, Technology Contract and Records Manager, ITD Thomas T. Ossi

SUBJECT: **Bid # XF-0357-17 F5 Load Balancing Appliance Replacement – Recommendation Memo**

ITD Management submitted an RFP to Procurement Division to advertise for a F5 Load Balancing Appliance Replacement - BID # XF-0357-17 open date December 14, 2016.

Procurement Division received one (1) vendor response and zero (0) no bids for BID # XF-0357-17.

Procurement forwarded the bid tabulation sheet and bid response to Information Technologies Division for review.

The award will be by group to the lowest responsive, responsible bidder. Group 1 – Hardware / Software in the amount of $187,554.18 to CDW Government, LLC. Group 2 – Consulting Pricing in the amount of $21,920.00 to CDW Government, LLC. ITD Management recommends awarding the bid to CDW Government, LLC. as the lowest responsive, responsible bidder for both groups. Total award amount $209,474.18.

The funding for this award will come from two sources:

Account number: AFIT537 - 06427 $198,068.00
Account number: AFIT531CSCS - 06427 $11,407.00

Your favorable consideration of this request is appreciated.

CC: Rose Alford, Server Infrastructure Manager, ITD
Robert Gray, AITO, Technology Infrastructure Manager

Title: F5 Load Balancing Appliance Replacement
Bid # XF-0357-17
Bid Date: 12/14/16
Buyer: Chelsey Renfroe
No. Invited: 7 **No. Received:** 1 **No Bids:** 0
12/14/2016
Date
Recorded By: Gail Sampson

CDW GOVERNMENT, LLC.

GROUP 1 - HARDWARE / SOFTWARE

ITEM	DESCRIPTION	Est. QTY	UoM	UNIT PRICE	EXTENDED TOTAL
1	F5-BIG-BT-5250V - BIG-IP 5250V BEST BUNDLE (32 GB MEMORY)	2	EA	$77,250.00	$154,500.00
2	F5-SVC-BIG-PRE-L1-3 - BIG-IP SERVICE: PREMIUM (LEVEL 1-3) – Technical support – 1 year	2	EA	$14,747.09	$29,494.18
3	F5-BIG-VE-LAB-V13 - BIG-IP VIRTUAL EDITION LAB LICENSE (LTM)	2	EA	$0.00	$0.00
4	F5-SVC-BIG-VE-PREL13 - BIG-IP SERVICE: VIRTUAL EDITION PREMIUM	2	EA	$0.00	$0.00
5	F5-TRG-BIG-ASM-ESS - BIG-IP TRAINING: APPLICATION SECURITY MA	2	EA	$3,450.00	$6,900.00
6	F5-UPG-AC-400W-5000 - BIG-IP SINGLE AC POWER SUPPLY FOR 52X0V/	2	EA	$1,250.00	$2,500.00
7	F5-UPG-SFPC-R - BIG-IP & VIPRION SFP+ 10GBASE-SR TRANSCEIVER Module	6	EA	$360.00	$2,160.00

GROUP 1 - **OPTIONAL TRADE-IN ITEMS

8	F5 LTM 3600 - Optional Trade - In Items - DEDUCT FOR GROUP 1 TOTAL	2	EA	$2,000.00	$4,000.00
9	F5 LTM+ASM 6400 - Optional Trade - In Items - DEDUCT FOR GROUP 1 TOTAL	2	EA	$2,000.00	$4,000.00

GROUP 1 TOTAL: $187,554.18

GROUP 2 - CONSULTING PRICING

10	F5-CST-S - CONSULTING: STANDARD HOURLY (M-F 8AM-6PM)	64	HR	$260.00	$16,640.00
11	F5-CST-P - CONSULTING: PREMIUM HOURLY (M-F 6PM-8AM, Weekends)	16	HR	$330.00	$5,280.00

GROUP 2 TOTAL: $21,920.00

TERMS:		Not Stated
DELIVERY:		2-10 Business Days
CONFLICT OF INTEREST:		Yes
ADDENDUMS	0	N/A
NOTES:		Items 3 & 4 represent "no charge"

TERMS AND CONDITIONS

F5 LOAD BALANCING APPLIANCE REPLACEMENT

SCOPE

The Information Technologies Division of the City of Jacksonville, Florida is currently accepting bids to obtain source(s) of supply for the items as outlined in the bid documents provided. The purpose of this bid invitation is to obtain information about your firm and its ability to provide these item(s) / service(s) and to obtain pricing commitments for F5 Load Balancing Appliance Replacements as listed in the bid documents.

AWARD

Award will be BY GROUP to the lowest responsive, responsible bidder. **Bidders must bid on all items in a Group to be considered for award of that Group, with the exception of Items 8 and 9 in Group 1 that are optional trade-in items**. ALL awards are subject to the availability of funds.

TERM OF AGREEMENT

This is a one-time purchase.

REQUIREMENTS

Bidders should submit or comply with the following requirements; failure to submit any of these requirements may be grounds for rejection:

- All items must be new with manufacturer's warranty and support. No used or refurbished equipment
- Bidders for Group 1 – Hardware/Software, must be an authorized F5 reseller
- Bidders for Group 2 – Provider of Consulting Services must be an F5 Guardian Partner

STATE CONTRACTS

The City reserves the right to utilize contracts established by the State of Florida and or other governmental agencies for item(s)/service(s) covered under this bid. The city reserves the right to cancel this contract in whole or in part for such item(s)/service(s).

QUANTITIES

Quantities indicated are fixed.

ESCALATION/DE-ESCALATION

All pricing submitted shall remain firm for the initial term period. Upon renewal (if applicable), a supplier may submit in writing a request for price escalation/de-escalation for the percentage of change as listed in the Consumer Pricing Index (CPI) and/or documentation notifying of an industry wide increase. The City reserves the right to decline any price increase request.

PRICES

All unit prices shall include freight, delivery, and handling charges to the delivery location as outlined in the bid documents.

DELIVERY

Information Technologies Division, 214 North Hogan Street, 4th Floor, Jacksonville, Florida 32202. ITD Contact Network Infrastructure Manager. A packing list shall accompany all shipments, which shall indicate, at a minimum, the following; purchase order number, item number and description, date of shipment, quantity ordered and shipped, unit prices, and unit of measure. **Inside delivery ONLY**.

PICK UP AND RETURNS

The City reserves the right to return an order in whole or in part if the merchandise is not in compliance with the bid specifications. The City or its agencies will determine compliance with bid specifications. Pick up and returns will be made within 48 hours of notification at no charge to the City or its agencies.

COMPLIANCE WITH SPECIFICATIONS

The bidder, by affixing their signature to the bid form submitted, agrees to provide item(s)/service(s) in accordance with the bid documents provided. Bid only a single offering for each bid item. Multiple offerings, alternates (unless stated) and or stipulations may be cause for bid rejection. Bid only on forms provided herein unless otherwise stated. Bid submissions shall be in ink or typewritten. All corrections must be initialed.

INVOICING

Invoices will be issued once supplies/services are delivered and/or rendered to the City of Jacksonville or its agencies. At a minimum, invoices must include; purchase order number, item number and description, date of shipment, quantity ordered and shipped, unit prices, unit of measure, and extended totals. Payment terms are Net 30 days. All original invoices shall be submitted to: City of Jacksonville, General Accounting Division, 117 West Duval Street, Suite 375, Jacksonville, Florida 32202.

INSURANCE/INDEMNIFICATION

Each supplier shall maintain, for the entire term of this bid, current insurance coverage as stated in the bid documents. All insurance certificates shall list the City of Jacksonville as an additional insured. The awarded vendor will be required to submit the copy of insurance certificate within ten (10) days from date of receipt of award notice. Bid number should be listed on certificate.

REPORTING

The City may request, during the term of this bid, reports including but not limited to; usage, pricing, and delivery. Suppliers will be required to provide reports requested in hard copy and electronic format as required.

SUPPLIER ACCESSIBILITY

The City or its representative must be able to contact, during normal business hours, by telephone or email any supplier providing goods or services to the City or its agencies. Any supplier accessibility requirements outlined in the specifications supersede this section.

SPECIFICATIONS

F5 Load Balancing Appliance Replacement

The Information Technologies Division is requesting bids for a F5 load balancing appliance replacement solution. The City of Jacksonville Information Technologies Division desires to migrate the current F5 environment to a newer F5 load balancing platform.

F5 Load Balancing Appliance Replacement

Services Specifications:

This project will be accomplished in two phases with all tasks being performed with the City's staff to ensure adequate knowledge transfer.

Phase I – Hardware and software configuration: Includes familiarization with all of the technologies utilized during the installation and configuration of F5 appliances, as well as the mechanical installation of all products purchased as part of this bid. See Scope of Services below for details.

Phase II – Deployment: For each F5 appliance (physical and virtual), migration will occur after normal work hours for each respective environment (internal and external). City of Jacksonville engineers will perform post migration testing to confirm all aspects of the new F5 appliances are functional.

Projected timelines:

Phase I - Hardware and software configuration: Project commencement meeting within one (1) week of receipt of hardware (expected two (2) to four (4) weeks after award of bid). Hardware and software configuration completed no later than four (4) weeks after project commencement meeting.

Phase II - Deployment: Outages for migration must be coordinated with City of Jacksonville personnel and must adhere to the City's Change Management policies.

Scope of Services

Conduct a project commencement meeting

- Define roles and responsibilities
- Provide project management and planning skills as needed to complete project
- Discuss communication plan, identify Point of Contact for both the City and consultant
- Discuss project timeline and milestones

Perform Mechanical installation of Equipment

- Unpack and inventory equipment purchased with project
- Assess physical attributes of installation location
- Physically place the equipment in designated positions
- Make final connections for power, networking and storage
- Label all inter-device connections appropriately

F5 Technology Familiarization

- Perform review of new hardware and software concepts (I.E. F5 BIG-IP 5250V, vCMP, etc.)
- Recommended best practices

Perform F5 Installation

- Install and configure new F5 BIG-IP platforms with vCMP implementation which will include the following:
    - Upgrade to latest hardware firmware release level
    - Upgrade to latest software release level and apply recommended settings according to best practices
    - Configure administrative access
    - Configure network connectivity and routing
    - Configure monitoring
    - Configure secure remote user authentication
    - Provision four (4) vCMP guests for external and internal guest pairs with High Availability (HA) between guest pairs
- Perform review of existing external and internal BIG-IP LTM/ASM configurations. Make recommendations according to best practices. This will include:
    - Virtual servers
    - Profiles
    - iRules – Note any deprecated commands for the upgraded release level.
    - Pools
    - Nodes
    - Monitors
    - SNATs
    - SSL Certificates
    - ASM
- Configure and perform system backup/archive
- Provide hands-on knowledge transfer for hardware, software, administration, and troubleshooting
- Document all aspects of the system configuration

F5 Production Deployment

- Migrate to new internal environment after hours
- Migrate to new external environment after hours

- ***NO SUBSTITUTIONS on ANY of the listed items for bid***
- BIDDERS FOR GROUP 1 – HARDWARE / SOFTWARE, MUST BE AN AUTHORIZED F5 RESELLER
- BIDDERS FOR GROUP 2 – PROVIDER OF CONSULTING SERVICES MUST BE AN F5 GUARDIAN PARTNER
- ALL ITEMS MUST BE NEW WITH MANUFACTURER'S WARRANTY AND SUPPORT. NO USED OR REFURBISHED EQUIPMENT
- BIDDERS MUST PROVIDE INSIDE DELIVERY – IF ON PALLETS, MUST BE BROKEN DOWN FOR DELIVERY

QWS3270X 12/16/2016 11:07 AM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 12/16/2016
LINK TO: ACCOUNT SUMMARY INQUIRY 11:07 AM

FISCAL MO/YEAR : 03 2017 CURRENCY CODE :
INDEX CODE : AFIT537 TECHNOLOGY EQUIPMENT REFRESH
SUBOBJECT : 06427 COMPUTER EQUIPMENT
PROJECT :
PROJECT DETAIL :
GRANT :
GRANT DETAIL :
USER CODE :

S	DEC 2016	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	609,648.37	609,648.37
EXPENDITURES	.00	136,794.30	136,794.30
ENCUMBRANCES	.00	11,236.05	11,236.05
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	.00	461,618.02	461,618.02

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO

G014 - RECORD FOUND

QWS3270X 12/16/2016 11:07 AM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 12/16/2016
LINK TO: ACCOUNT SUMMARY INQUIRY 11:07 AM

FISCAL MO/YEAR : 03 2017 CURRENCY CODE :
INDEX CODE : AFIT531CSCS INFORMATION TECHNOLOGIES
SUBOBJECT : 06427 COMPUTER EQUIPMENT
PROJECT :
PROJECT DETAIL :
GRANT :
GRANT DETAIL :
USER CODE :

S	DEC 2016	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	11,407.00	90,270.00	90,270.00
EXPENDITURES	.00	62,639.05	62,639.05
ENCUMBRANCES	.00	16,223.95	16,223.95
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	11,407.00	11,407.00	11,407.00

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO

G014 - RECORD FOUND