SUBJECT: SERVER ROOM CABLING FOR THE CECIL BACK-UP 911 CENTER

BID #: XF-0476-19 **OPEN DATE: 2019-05-15**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: SUPPLY CONTRACT – ONE (1) YEAR FROM DATE OF AWARD.

AGENCY: INFORMATION TECHNOLOGIES DIVISION

BASIS OF AWARD: ALL OR NONE TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: 7 **NUMBER RECEIVED:** 3 **OTHER:** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval of award to the lowest responsive, responsible bidder Network Cabling Services, Inc. in the amount of $110,514.13 for SERVER ROOM CABLING FOR THE CECIL BACK-UP 911 CENTER. Period of service will be one (1) year from date of award.

Funding for this award to be encumbered by FRCP32EFS-69505-PW0837-01, to be executed by purchase order(s).

Attachments: Recommendation Memo, Bid Tabulation Sheets, Terms and Conditions, Specifications

ANALYST: _____
RUBEN OLA

RESPECTFULLY SUBMITTED: _____
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Kenneth Lathrop, Chief of Information Technologies Division/CIO

(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

CITY OF JACKSONVILLE

05/22/19 16:43:53
Procurement Division

DATE: May 22, 2019

TO: Greg Pease, Chief of Procurement Division

THRU: Kenneth E. Lathrop, Chief of Information Technologies / CIO Gary Steffens

FROM: Elizabeth Brown, IT Operations Manager Elizabeth Brown

RE: **XF-0476-19 Server Room Cabling For The Cecil Back-Up 911 Center**

Information Technologies Division (ITD) submitted an RFP to Procurement Division for solicitation of Server Room Cabling for the Cecil Back-Up 911 Center, Bid # XF-0476-19. The bid was solicited to provide technical services to install a complete wiring system at the facility.

Procurement Division received three (3) vendor bid responses and zero (0) no bids on May 15, 2019.

ITD Management recommends awarding to Network Cabling Services, Inc. as the lowest, responsive, responsible bidder in the amount of $110,514.13.

VENDOR	Total AWARD AMOUNT
NETWORK CABLING SERVICES, INC.	**$110,514.13**
TIETJEN TECHNOLOGIES, INC.	$146,526.36
W.W. GAY FIRE PROTECTION, INC.	$149,987.00

FUNDING SOURCE: FRCP32EFS – PW0837 – 01 - 069505

This purchase will be via purchase order.

Your favorable consideration of this request is appreciated.

Attachments: XF-0476-19 BID TABULATION SHEET

CC: GS Gary Steffens, Enterprise Architect Manager, ITD
MR Michael Rooney, Network and Telecom Infrastructure Manager, ITD
PJ Pieter Jansen, Senior Project Manager, ITD
AC Alexander Ciprian, IT Contract Administrator, ITD
April Mitchell, Administration & Finance Manager, JFRD

BID TABULATION SHEET

TITLE: SERVER ROOM CABLING FOR THE CECIL BACK-UP 911 CENTER

BID NO.: XF-0476-19

OPEN DATE: May 15, 2019

ANALYST: RUBEN OLA

No. Invited: (7) **No. Received (3)** **No Bids: (0)**

Bid Recorder: J. Hernandez, Announcer: O.Wallace-Cohen

ITEM	DESCRIPTION	QUANTITY	W.W. GAY FIRE PROTECTION, INC. PRICE EACH	W.W. GAY FIRE PROTECTION, INC. EXT. PRICE	TIETJEN TECHNOLOGIES INC. PRICE EACH	TIETJEN TECHNOLOGIES INC. EXT. PRICE	NETWORK CABLING SERVICES INC. PRICE EACH	NETWORK CABLING SERVICES INC. EXT. PRICE	PRICE EACH	EXT. PRICE
1	C6D1104007 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 7ft, Yellow	250	$ 8.74	$ 2,185.00	$ 7.47	$ 1,867.50	$ 5.93	$ 1,483.04		
2	C6D1100007 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 7ft, Black	300	$ 8.74	$ 2,622.00	$ 7.47	$ 2,241.00	$ 5.93	$ 1,779.64		
3	C6D1105007 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 7ft, Green	300	$ 8.74	$ 2,622.00	$ 7.47	$ 2,241.00	$ 5.93	$ 1,779.64		
4	C6 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, D1 Stranded, UTP, Pure Bare Copper Wire, 28AWG , 7ft, 10 Red	350	$ 8.74	$ 3,059.00	$ 7.47	$ 2,614.50	$ 5.93	$ 2,076.25		
5	C6D1109007 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 7ft, White	250	$ 8.74	$ 2,185.00	$ 7.47	$ 1,867.50	$ 5.93	$ 1,483.04		
6	C6D1109015 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 14ft, White	70	$ 11.70	$ 819.00	$ 9.54	$ 522.90	$ 7.92	$ 554.58		
7	C6D1106007 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 7ft, Blue	150	$ 8.74	$ 1,311.00	$ 7.47	$ 1,120.50	$ 5.93	$ 889.82		
8	C6D1103007 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 7ft, Orange	150	$ 8.74	$ 1,311.00	$ 7.47	$ 1,120.50	$ 5.93	$ 889.82		
9	C6D1104010 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 10ft, Yellow	100	$ 9.85	$ 985.00	$ 8.28	$ 828.00	$ 6.55	$ 654.76		
10	CAD1100010 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 10ft, Black	100	$ 9.85	$ 985.00	$ 8.28	$ 828.00	$ 6.68	$ 667.86		
11	C6D1105010 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 10ft, Green	100	$ 9.85	$ 985.00	$ 8.28	$ 828.00	$ 6.68	$ 667.86		
12	C6D1102010 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 10ft, Red	100	$ 9.85	$ 985.00	$ 8.28	$ 828.00	$ 6.68	$ 667.86		
13	C6D1109010 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 10ft, White	100	$ 9.85	$ 985.00	$ 8.28	$ 828.00	$ 6.68	$ 667.86		

BID TABULATION SHEET

14	C6D1106010 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 10ft, Blue	100	$ 9.85	$ 985.00	$ 8.28	$ 828.00	$ 6.68	$ 667.86		
15	C6D1103010 SlimRun Cat6 Ethernet Patch Cable - Snagless RJ45, Stranded, UTP, Pure Bare Copper Wire, 28AWG , 10ft, Orange	20	$ 9.85	$ 197.00	$ 8.28	$ 165.60	$ 6.68	$ 133.57		
16	D8LCUPC-LCUPC-3M Fiber Patch Cords, Optical Cable Corp 3 meter, LC Patch cords	96	$ 34.52	$ 3,312.00	$ 30.66	$ 2,943.36	$ 24.15	$ 2,318.17		
17	Part # 176072 Velcro (0.62) 5/8" One-Wrap Tape 25 Yard Roll (Color Yellow)	4	$ 29.97	$ 119.88	$ 22.80	$ 91.20	$ 24.55	$ 98.21		
18	Part # 189589 Velcro (0.62) 5/8" One-Wrap Tape 25 Yard Roll (Color Black)	5	$ 29.97	$ 149.85	$ 22.80	$ 114.00	$ 24.55	$ 122.77		
19	Part # 176071 Velcro (0.62) 5/8" One-Wrap Tape 25 Yard Roll (Color Green)	5	$ 29.97	$ 149.85	$ 22.80	$ 114.00	$ 24.55	$ 122.77		
20	Part # 176070 Velcro (0.62) 5/8" One-Wrap Tape 25 Yard Roll (Color Red)	6	$ 29.97	$ 179.82	$ 22.80	$ 136.80	$ 24.55	$ 147.32		
21	Part # 189691 Velcro (0.62) 5/8" One-Wrap Tape 25 Yard Roll (Color White)	4	$ 29.97	$ 119.88	$ 22.80	$ 91.20	$ 24.55	$ 98.21		
22	Part # 176078 Velcro (0.62) 5/8" One-Wrap Tape 25 Yard Roll (Color Royal (Blue))	3	$ 29.97	$ 89.91	$ 22.80	$ 68.40	$ 24.55	$ 73.66		
23	Part # 176073 Velcro (0.62) 5/8" One-Wrap Tape 25 Yard Roll (Color Orange)	3	$ 29.97	$ 89.91	$ 22.80	$ 68.40	$ 24.55	$ 73.66		
	Materials and Labor Cost					$124,170		$92,395.90		
	Patching Cabling Cost					$22,356.36		$18,118.23		
		GRAND TOTAL:		$149,987		$146,526.36		$110,514.13		
		MINIMUM REQUIREMENTS:								
		TERMS:				0%		0% net 30		
		DELIVERY (Business Days):		15		14		5		
		CONFLICT OF INTEREST:		✓		✓		✓		
		ADDENDUM(1,2,3):		1,2,3		1,2,3		1,2,		
		NOTES:								

TERMS AND CONDITIONS

SERVER ROOM CABLING FOR THE CECIL BACK-UP 911 CENTER

1. SCOPE

The City of Jacksonville, Information Technologies Division is currently accepting bids to obtain source(s) of supply for the item(s) / service(s) 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 **SERVER ROOM CABLING FOR THE CECIL BACK-UP 911 CENTER** as listed in the bid documents to include warranty as specified.

I. Communications Contractor Qualifications Specification

A. Vendor must have at least one (1) BICSI RCDD Certified full time staff at time of Purchase Order release. Provide copy of certification.

B. Vendor must provide BICSI Corporate Number membership prior to Purchase Order release.

C. Vendor must provide one (1) Technician-Level and minimum of one (1) Installer-level, Full time BICSI certified personnel to install the cable for this project. Provide copies of all stated certificates. A BICSI Technician must be on site at all times while work is in progress.

II. Vendor Professional Experience

A. Specify the number of Vendor Technicians who will be available to perform work on the project and the total years of experience, resumes, and specialized BICSI training of each technician.

III. Other Vendor Requirements

A. Upon request from the City, Vendor will provide the names, addresses, social security number, and employment history for those technicians who will be performing City work for verification of experience and background checking, if necessary.
The City will require that while on City property, the Vendor's technicians dress in a manner appropriate to the work to be performed. Vendor technicians will perform their work in a courteous and efficient manner.

B. Vendor must provide a visible employee badge that must be worn at all times by each Technician while on City property when performing work in accordance with this project.

C. The Vendor must provide the technicians with tools, and equipment appropriate to the work being performed. The City will not provide and will not furnish tools or equipment to do installation.

D. It will be the Vendors responsibility to have all required permits to do this work. Vendor will submit copies of all permit paper work before work begins.

IV. Vendor Services to be Provided

A. The City desires that the Vendor provide items and technical services to install and complete the wiring systems shown in Attachment B at the designated location during the course of this project.

B. All installations will be made during normal working hours unless otherwise authorized by the project coordinator.

V. Unsatisfactory Work

A. Work performed by the Vendor will be inspected periodically by the City. The City will review instances of unsatisfactory work with the Vendor. All unsatisfactory work will be

corrected at no charge to the City, including labor, parts, and materials.

2. AWARD

Award will be **ALL OR NONE** to the lowest responsive, responsible bidder. Bidders must bid on all items to be considered for award. ALL awards are subject to the availability of funds.

3. TERM OF AGREEMENT

The term of this agreement will be a twelve (12) month term from date of award.

4. MINIMUM REQUIREMENTS

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

a. Vendor must be on the City of Jacksonville qualified vendor list under Full Service Wiring Contract SC-0310-17 with one of the following BISCI Certifications: RCDD, Technician, Installer II. **Vendor must provide proof of valid and in good standing certification.**

b. All material must be New with no substitutions.

5. PRE-BID CONFERENCE

May 1, 2019, 10:00am at Cecil Field 911 Backup PSAP, 5847 Aviation Avenue, Jacksonville, FL 32221

6. 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).

7. QUANTITIES

Quantities indicated reflect the estimated quantities to be purchased.

8. DELIVERY

Information Technologies Division, 214 North Hogan Street, 9th Floor, Jacksonville, Florida 32202. ITD Assigned Project Manager (Unless otherwise specified by the City's Infrastructure Engineer after the Award). 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 and if on pallets, must be broken down for delivery.

Delivery of all equipment to the City of Jacksonville must take place within 15 business days or sooner of receipt of the Purchase Order.

9. 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.

10. PRICES

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

11. 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.

12. 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.

13. INVOICING

Invoices will be issued once 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.

14. 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.

15. 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.

16. 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

SERVER ROOM CABLING FOR THE CECIL BACK-UP 911 CENTER

- ***NO SUBSTITUTIONS on ANY of the listed items for bid and equipment must be new.***

- **Please see Attachment A & B for the Bid Specifications & Engineering Design.**

Attachment A-Specifications

Server Room Cabling Specifications for the Cecil Back-Up 911 Center Data Center

I. Cabling

A. Communications Copper cable of choice for this project is: Plenum rated, Belden, Category 6 (3613) Red, Cable Runs (Belden-3613).

B. Communications Fiber cable of choice for this project is: Belden, Indoor, Plenum rated, Distribution series, Single mode, 24 strand fiber run, pre-terminated Blue in color.

C. Communications Fiber cable of choice for this project is: Belden, Indoor, Plenum rated, Distribution series, pre-terminated Single mode, 24 strand fiber run, Yellow in color.

D. Communications fiber enclosure of choice for this project is: Belden, FX UHD, 1 RU, Rack Mount fiber enclosure loaded with LC duplex Adapters. Fiber shall be terminated with Belden, pre-terminated cassettes.

E. The accepted protocol in City buildings is 568A.

F. Belden, Red in color, Rev-connect, 6 Jack Module (RV6MJKU).

G. Belden, Rev-connect, cat 6 Jack modules, 24 Port, Angled, Modular Patch Panels (AX104599).

H. Tie-wraps may not be used in the installation for bundling cables, only Velcro can be used.

I. All Category 6 shall be certified by the use of a minimum Fluke DTX or equivalent is acceptable.

J. It will be the Vendors responsibility to verify all distances, exact locations and work needed to complete an end-to-end project. This is to include all parts, material, labor and pieces necessary to finish a complete project.

K. Any changes deviating from the work described SHALL be verified thru the ITD Infrastructure Designer before work can continue. If changes are made without prior authorization from Infrastructure designer then it will be the Vendors responsibility to correct changes.

L. Vendor will have 15 business days to complete the project from the date of the purchase order.

M. OSP fiber of choice is Belden, indoor/outdoor, distribution style, 24 strand single-mode fiber.

N. Horizontal wire Manager of choice is Belden, white in color, 2RU double sided manager (BHTT196-W).

II. Firestopping

A. Applicable "fire stop" material will be used on all ceiling, wall, and floor penetrations in accordance with TIA/EIA 569 standard.

III. Required Documentation/Administration

A. All cables will be certified with no less than a Level III tester. Each data cable will be certified to no less than Cat 6 standards. All test results will be provided to City Telecommunication Infrastructure Manager on CD-ROM and hard copy formats.