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SUBJECT: MAIN LIBRARY SECURITY CONTROL SYSTEM REPLACEMENT SECURITY OPERATIONS CENTER (SOC) INSTALLATION

BID #: XF-0291-24 **OPEN DATE:** 02/07/2024

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: DATE OF AWARD THROUGH PROJECT COMPLETION

AGENCY: PUBLIC LIBRARY

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

NUMBER OF BIDS INVITED: 27 **NUMBER RECEIVED:** 1 **OTHER** 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval to award to A3 Communications, Inc. as the sole responsive, responsible bidder for the installation and replacement of the Security Operations Center (SOC) at the main library. Period of service is from date of award through project completion. Total expenditure not to exceed $106,454.01.

FUNDING SOURCE: 11101.153103.583502.010732.00000000.00000.0000000 – To be encumbered by purchase order

ATTACHMENTS: Recommendation Memo, Bid Tabulation, Terms and Conditions, Specifications

ANALYST: for COREY SIDLO **RESPECTFULLY SUBMITTED** DUSTIN FREEMAN, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Tim Rogers, Chief Librarian/Library Director, Jacksonville Public Library

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(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 _____

JACKSONVILLE PUBLIC LIBRARY

Start Here. Go Anywhere.

TO: Dustin Freeman, Chief of Procurement Division

FROM: Tim Rogers, Chief Librarian/Library Director, Jacksonville Public Library

DATE: February 15, 2024

SUBJECT: Recommendation Award Letter re: Jacksonville Public Library: Main Public Library Security Control System Replacement Security Operations Center (SOC) Installation, **Bid No: XF0291-24**

The Jacksonville Public Library is requesting to award Bid No. XF0291-24 Main Public Library Security Control System Replacement Security Operations Center (SOC) Installation to A3 Communications Inc.

The work for this project consists of demo existing security camera work stations, provide and install a security operations center (SOC) at the Main Library of City of Jacksonville Library and includes all computers, monitors network switches, and associated equipment for a complete and functional system and relocation of all network equipment from Security Room to IT closet as designated by COJ ITD.

Total estimated expenditure not to exceed $106,454.01 to be executed via Purchase Order. Funding source below:

Funding Source	Source Number	Funding Amount
CDBG:	1101-153103-583502-010732-00000000-00000-0000000	$106,454.01

Your assistance in concurring with this request would be appreciated. If you have any questions or concerns regarding this matter, please contact Chet Price (904) 255-6163.

Cc: Dr. Leslie Jones, Director For Finance and Budget
Pam McClellan, Manager For Contracts and Grants
Chet Price, Senior Manager For System Wide Safety &Security
Davetta Williams, Human Services Planner II
Daniel VanSickle, Professional Engineer

BID TABULATION

Title:	MAIN LIBRARY SECURITY CONTROL SYSTEM REPLACEMENT SECURITY OPERATIONS (SOC) INSTALLATION			**A3 COMMUNICATIONS**	
Bid No.:	XF-0291-24				
Open Date:	February 7, 2024				
Analyst:	Corey Sidlo				
No. Invited:	(27) **No. Received:** (1) **Other:** (1)				
	Recorded By: John Hernandez **Announced by:** Michelle Spitler				
Item #	**Description**	**Qty**	**Unit**	**Unit Price**	**Extended Price**
1	Disassembling and demoing the two existing consoles, and removing all monitors, recorders, matrix switchers, rack etc. placing all items including those with property tags in designated areas. Remove for later reinstallation; network switches, patch panels, and UPS's. Remove existing keyboards, mice, joysticks, etc. any power strips from the existing console turn over to JPL Security Manager. Any hardwired 120v connections will have to be disconnected and properly de-energized by a licensed electrical contractor.	1	JOB	$7,600.00	$7,600.00
2	Relocating any required existing network switches and cabling from current location in Security Room 131 to Comm. Rm. 107, and patching all cameras into patch panels, etc. in this location, as well as Security Room 131	1	JOB	$3,040.00	$3,040.00
3	Relocate existing Aiphone master station console to center of new console top as directed by the COJ/JPL Project Manager. Reroute cabling and extend cabling as necessary for a clean installation routed with no cabling on the back wall behind the new console.	1	JOB	$760.00	$760.00

4	Remove wall mounted equipment associated with the old console. a) On the back wall, remove the existing Pelco power supply. b) All coax should be removed, terminated and pulled back and will not be used in new system.	1	JOB	$1,520.00	$1,520.00
5	Relocate the existing vertical ladder rack and cabling from its current position to a position behind and near the center column in the room	1	JOB	$1,520.00	$1,520.00
6	Neatly route all cabling through vertical and horizontal cable management to the proper termination point. Leave 3' service loops in the ceiling, and trim, label, and re-terminate existing cabling to the proper termination point within the cabinet. All cabling is to be neatly dressed and bundled.	1	JOB	$3,800.00	$3,800.00
7	Patch CAT cables from the respective patch panel in Comm. Room 107 to the appropriate network switch port within the same rack. Provide all patch cables to specification of COJ -IT department. Provide a patch panel schedule to the City for approval, prior to commencing this portion of the work.	1	JOB	$932.00	$932.00

8	Provide and install a 72" floor mounted, 19" equipment rack in Comm. Rm. 107. This will house CAT 6 patch panels, network switches and UPS's. The existing 24 port network switch located in Rm. 131 is to be relocated to the rack in Comm. Rm. 107, and all existing cabling patched room to room with plenum rated cable above ceilings, and terminated accordingly. a)Patch all CAT 6 cables room to room, to rack patch panel, from room 131 to 107. It is the responsibility of the contractor during the mandatory site visit to determine the exact number of cables to be patched. Re-routed cables are to include the cables currently routed to the existing console desktop IP phones. All disconnected CAT 6 cables in Rm. 131 that are to be reused in the new configuration are to be re-routed, trimmed to length, labeled and terminated at the rack mounted patch panel in Room 107 as stated. i)There are currently approximately ten (10) cables routed across the floor behind the existing consoles. In the new configuration, no cables shall be run across the floor. All cabling shall either be in the ladder rack, or in the new vertical channel left of the new console. At the discretion of the JPL/COJ Project Manager, certain cables may be fished down wall if necessary.	1	JOB	$14,349.11	$14,349.11

9	Provide and install six (6) new CCTV Wall mounted monitors three (3) Approximately 43 inch screens on bottom row and three (3) approximately 43 inch screens on top row, positioned as directed by the JPL project manager to form a tilted video wall. All power supplies and wiring to be fished in wall or hidden from view. Additional power outlets and or circuits may be necessary and must be determined at walk through.	1	JOB	$8,597.38	$8,597.38
10	Mount monitors on the new CCTV console as designated. Console provided by Jacksonville Public Library. Install power strips in the console to accommodate the monitors and computers and other devices. Power strips must be permanently and professionally installed with proper hardware. No zip ties or Velcro mounting is acceptable and routed to side wall no cabling should be exposed or laid across the floor behind console.	1	JOB	$1,704.96	$1,704.96
11	Run all cabling from the Room 131 overhead to the console and along outer wall to avoid trip hazards. Route all cabling to a vertical cable channel, mounted in the corner of the room behind and to the left of the console, again, keeping the back wall behind the console clean.	1	JOB	$1,852.48	$1,852.48
12	Coordinate programming and testing with a City of Jacksonville ITD representative to include testing of each functional component.	1	JOB	$760.00	$760.00

13	5 Licenses Lenel MM-PLUS-PROENT Lenels2 Magic Monitor PLUS license for OnGuard PRO and ENT systems. Each Magic Monitor client can only connect to a single OnGuard server (Region or Master) Install and test Lenel 2 Magic Monitor software with ITD representative, fully test and ensure smooth turnkey operation with all hardware components ensuring all monitors and cameras are integrated, compatible and operational with joysticks and computers.	1	JOB	$14,868.75	$14,868.75
14	Provide 4 hour training session to Library personnel on console and Magic Monitor operations.	1	JOB	$600.00	$600.00
15	Provide a complete set of full size, as-built, point-to-point CAD drawings for this project. Include all termination points, patch panel schedules, and port assignments. "One-line" drawings shall not be acceptable.	1	JOB	$3,800.00	$3,800.00
16	Interconnect all monitors, computers, joysticks, patch panels and network switches. Label all cables at both ends. Ensure all Joysticks are fully operable and work smoothly with equipment.	1	JOB	$2,280.00	$2,280.00

17	Employ the services of a licensed electrician to test and ensure loads are distributed properly, including running new power feeds (and associated conduit) to the designated breaker panel as required. Each power strip shall be fed by a quad outlet on a dedicated circuit. The existing four outlets on the back wall need to be relocated to floor mounted positions within the new console, to feed the power strips. Provide load calculation worksheets to the City prior to installing power strips. All exposed conduit shall be run on the left wall near the corner. The back wall behind the console shall be kept clean. Therefore work includes moving existing grounding block, two ground wires, and one AC outlet approx. 8' to the right of their present locations.	1	JOB	$8,000.00	$8,000.00

18	Provide and install six (6) 27 inch monitors on the console desk so they are affixed to console on mounts that can pan/tilt and will not tip or fall, and install computers, joysticks, UPS's etc. as listed in this specification. a) Five (5) High Performance Video Client PC for OnGuard LNVR based video Only: Dell Precision T5820 XLTower, High Performance; INTEL® XEON® W-2125 CPU (6C,HT, 3.7 GHZ TURBO, 8.25M cache); 16GB (2X8GB) 2666MHZ; DDR4 RDIMM-ECC; 16x Half Height DVD/+RW, 512GB 2.5" Serial ATA Solid State Drive; Radeon Pro WX 9100, 16GBVideo Card; Intel AHCI SATA chipset controller (8x6.0Gb/s); Windows 10 IOT ENTERPRISE,EMBEDDED or higher to effectively run Magic Monitor software and systems. (OS MEDIA NOT INCLUDED, NO RECOVERY CD); less monitors. b) The specified computers shall be configured with 5 (one each)NVIDA Quadro P6000 video cards, GDDR5-PCIC 3.0X16 minimum 24-64 Gb RAM c) Install wireless keyboards and wireless mouse d) Install two (2) joy sticks with turnkey operation on the system capable of operating all PTZ cameras with the Magic Monitor software. e) And all must be compatible with Magic Monitor Lenel 2 software minimum requirements Of: 1.Operating System - Windows 10 pro, 64-bit MacOS X Sierra 2.Processor- Intel Core i7 or higher 3.Memory (RAM)- 8GB minimum 4.Hard Drive 1 TB minimum 5.Video Card Integrated Intel graphics 1GB RAM 6. Simultaneous Camera Views minimums: 9 cameras: 720p, 15 fps 16 cameras: SD, 15 fps 16 cameras: 1080p, 30 fps	1	JOB	$30,469.33	$30,469.33
			Total Bid:	**$106,454.01**	

Terms:	N/A
Delivery:	NOT LISTED
Signed Bid Form:	YES
Bid Proposal Form:	YES
Conflict of Interest Certificate:	YES
Addendum:(1)	YES

TERMS AND CONDITIONS

JACKSONVILLE PUBLIC LIBRARY – MAIN LIBRARY SECURITY CONTROL SYSTEM REPLACEMENT SECURITY OPERATIONS CENTER (SOC) INSTALLATION

SCOPE

The Jacksonville Public Library is currently accepting bids to obtain source(s) of supply for the service 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 the services and to obtain pricing commitments for the demo and replacement of the Security Operations Center (SOC) in the Jacksonville Public Library on the Ground Floor listed in the bid documents.

Project Overview:

1. This is a proposal to demo existing security control system center camera work stations, provide and install a new security operations center (SOC) at the Main Library of City of Jacksonville Library located at 303 N Laura St. **This is a sensitive security project. All specifications are considered confidential.** This proposal includes the following scope of work:

The design is based upon and includes all computers, monitors, network switches, Magic Monitor Lenel 2 software with installation and associated equipment for a complete and functional system.
The design further includes relocation of any required network equipment from the Security Room to the IT closet. In addition to the new design, this includes removal of all existing equipment, and all electrical work associated with the new configuration.

AWARD

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

TERM OF AGREEMENT

The term of this agreement is a one-time service contract from date of award until completion. Contractor to provide a three-year parts warranty and one-year labor warranty, from date of substantial completion.

Minimum Requirements for Contractors.

Bidders should submit or comply with the following minimum requirements. Failure to submit any of these requirements may be grounds for rejection:

1. The Contractor shall provide current proof of all business licenses required by local, state, and federal law as applicable.
2. Bidders must possess a local business tax certificate, if applicable.
3. Bidders must provide proof of at least three (3) projects of at least $200,000 in value which have been successfully completed in the last five (5) years. That includes at least one (1) security control system or security operations center installation.
4. To ensure proper support of the project during the installation and warranty period, bidders shall have a fully-staffed office within 50 miles of the jobsite, including office, installation, project management, and service staff. Bidders shall be properly licensed to do business in the state of Florida, and have a current City of Jacksonville occupational license.
5. Bidder's local staff shall include experienced CCTV technicians; a minimum of one (1) Axis Certified Professional, one (1) Lenel Certified Technician, and one (1) BICSI Certified Technician. The certified technicians shall be on-site during the performance of their respective portion of the work and must be able to install hardware, joysticks, and computers and be familiar with installation and compatible

operations with Magic Monitor software and security operations center installation standards. Certifications from out-of-state personnel, or personnel not domiciled within 50 miles of the job site at time of bid, will not be accepted. No portion of the work shall be contracted out, other than the electrical work (if desired). Contractors will be required to provide copies of all required certifications with bid package.

COMPLIANCE WITH SPECIFICATIONS

The bidder, by affixing their signature to the bid form submitted, agrees to provide 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.

STATE CONTRACTS

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

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, install and handling charges to the delivery location as outlined in the bid documents. The city is tax exempt, this will not be passed to contractors. Contractors are responsible for all taxes incurred.

DELIVERY

Delivery and install will be located: 303 N Laura St, Jacksonville, FL 32202 between the hours of 7:00 am and 4:00 pm, Monday thru Friday. There will be no exceptions to the times stated unless prior arrangement with Jacksonville Public Library Security Manager. There will be no blocking of exits of the Public Library. All vendors are to find alternate parking and dumpster parking for employees. Vendors can contact Jacksonville Parking Administration for assistance.

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.

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.

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: COJ1CLOUDINVOICES@COJ.NET . The invoice email subject line MUST BE: inv_. Invoices can also be submitted through the 1 Cloud Supplier Portal.

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.

FEDERAL FUNDS

This Project will be funded partly or in total by the Federal Government. Therefore, Bidders must comply with Title VI of the Civil Rights Act of 1964 (24 CFR, Parts1 & 2); Title VIII of the Civil Rights Act of 1968 (24 CFR, Part 115); Federal Labor Standards Provisions (HUD 4010); The Davis-Bacon Act; the Anti-Kickback Act; and the Contract Work Hours and Safety Standards Act. Bidders are advised to refer to the Federal Regulations, of these specifications for more information.

Bidders must comply with Section 3 requirements included in the back of this RFP.

Build America, Buy America (BABA Act): Vendors awarded construction or rehabilitation projects must comply with the requirements of the Build America, Buy America (BABA) Act, 41 USC 801 note, and all applicable rules and notices as may be amended, if applicable to the Grantee's infrastructure project. The Act includes the "Buy America Preference" (BAP), which requires that any iron, steel, manufactured products, or construction materials must be produced in the United States, unless specifically waived by HUD. Pursuant to HUD's Notice, "Public Interest Phased Implementation Waiver for FY 2022 and 2023 of Build America, Buy America Provisions as Applied to Recipients of HUD Federal Financial Assistance" (88 FR 17001), any funds obligated by HUD on or after the applicable listed effective dates, are subject to BABA requirements, unless excepted by a waiver.

PRE-BID MEETING:

There is a **MANDATORY** pre-bid meeting scheduled for Thursday, January 11, 2024 at 9:00 AM in the Main Library – Conference Level, Multi-Purpose Room 1. The Main Library address is 303 Laura Street N., Jacksonville, FL 32202.

Contractor's failure to attend the Pre-Bid Meeting will result in the Response not being evaluated and being rejected as non-responsive.

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SPECIFICATIONS

JACKSONVILLE PUBLIC LIBRARY – MAIN LIBRARY SECURITY CONTROL SYSTEM REPLACEMENT SECURITY OPERATIONS CENTER (SOC) INSTALLATION

Scope

DESCRIPTION OF WORK

1. The project consists of replacing the two existing CCTV consoles and associated equipment with a new, redesigned console as described in this specification.
2. Work includes disassembling and demoing the two existing consoles, and removing all monitors, recorders, matrix switchers, etc. placing all items including those with property tags in designated areas as directed by JPL security manager for COJ to surplus.
3. Work further includes relocating any required existing network switches and cabling from current location in Security Room 131 to Comm. Rm. 107, and patching all cameras into patch panels, etc. in this location, as well as Security Room 131.
4. Contractor is to provide all labor, materials and equipment to install the new CCTV monitoring and processing equipment, including patching in existing cameras, and required programming for a turnkey solution. Any electrical work or any tools, ladders, lifts or other equipment to complete installation is the sole responsibility of the contractor. Contractors will use only OSHA approved safety equipment and procedures and will provide cones, stanchions or other warning devices to place around all work areas so as to prevent anyone from entering work space.
5. Contractor is responsible for a complete and working system. Quantities listed, including cable footages, are minimums anticipated by the COJ to complete the stated scope of work. Any miscellaneous hardware, equipment, tools, test equipment, etc. required for a complete and working system is the responsibility of the contractor.
6. Specifications listed are minimum. No substitutions shall be accepted. Any requested substitutions of equipment shall be submitted in writing 15 days prior to the bid, and shall not be bid without formal pre-approval.

The work includes the following:

1) Tag, record and disconnect all existing cables from equipment to be demo' d. with Brady label maker or equivalent. Handwritten tags are not acceptable.
2) Relocate existing Aiphone master station console to center of console top as directed by the COJ/JPL Project Manager. Reroute cabling and extend cabling as necessary for a clean installation routed with no cabling on the back wall behind the new console.
3) Remove for later reinstallation; network switches, patch panels, and UPS's.
4) Remove and place on pallets as designated by JPL Security Manager existing monitors and CCTV hardware in the current consoles. All equipment is to be turned over to Library Security Manager.
5) Remove existing keyboards, mice, joysticks, etc. Turn over to JPL Security Manager to recover.
6) Remove any power strips from the existing console turn over to JPL Security Manager. Any hardwired 120v connections will have to be disconnected and properly de-energized by a licensed electrical contractor.
7) Disassemble and remove both existing consoles in the Security office. Material is to be properly placed on pallets and shrink wrapped by the contractor and turned over to JPL security manager.
8) Remove wall mounted equipment associated with the old console. Hardwired 120v connections to this equipment will also have to be disconnected and properly de-energized by a licensed electrical contractor.
   a) On the back wall, remove the existing Pelco power supply.
   b) All coax should be removed, terminated and pulled back and will not be used in new system.

9) Relocate the existing vertical ladder rack and cabling from its current position to a position behind and near the center column in the room, as directed by the JPL security manager for this project.
10) Neatly route all cabling through vertical and horizontal cable management to the proper termination point. Leave 3' service loops in the ceiling, and trim, label, and re-terminate existing cabling to the proper termination point within the cabinet. All cabling is to be neatly dressed and bundled.
11) Patch CAT cables from the respective patch panel in Comm. Room 107 to the appropriate network switch port within the same rack. Provide all patch cables to specification of COJ -IT department. Provide a patch panel schedule to the City for approval, prior to commencing this portion of the work.

12) Provide and install a 72" floor mounted, 19" equipment rack in Comm. Rm. 107. This will house CAT 6 patch panels, network switches and UPS's. The existing 24 port network switch located in Rm. 131 is to be relocated to the rack in Comm. Rm. 107, and all existing cabling patched room to room with plenum rated cable above ceilings, and terminated accordingly.
    a) Patch all CAT 6 cables room to room, to rack patch panel, from room 131 to 107. It is the responsibility of the contractor during the mandatory site visit to determine the exact number of cables to be patched. Re-routed cables are to include the cables currently routed to the existing console desktop IP phones. All disconnected CAT 6 cables in Rm. 131 that are to be reused in the new configuration are to be re-routed, trimmed to length, labeled and terminated at the rack mounted patch panel in Room 107 as stated.
        i) There are currently approximately ten (10) cables routed across the floor behind the existing consoles. In the new configuration, no cables shall be run across the floor. All cabling shall either be in the ladder rack, or in the new vertical channel left of the new console. At the discretion of the JPL/COJ Project Manager, certain cables may be fished down wall if necessary.

13) Provide and install six (6) new CCTV Wall mounted monitors three (3) Approximately 43 inch screens on bottom row and three (3) approximately 43 inch screens on top row, positioned as directed by the JPL project manager to form a tilted video wall. All power supplies and wiring to be fished in wall or hidden from view. Additional power outlets and or circuits may be necessary and must be determined at walk through.

14) Provide and install six (6) 27 inch monitors on the console desk so they are affixed to console on mounts that can pan/tilt and will not tip or fall, and install computers, joysticks, UPS's etc. as listed in this specification.
    a) Five (5) High Performance Video Client PC for OnGuard LNVR based video Only: Dell Precision T5820 XLTower, High Performance; INTEL® XEON® W-2125 CPU (6C,HT, 3.7 GHZ TURBO, 8.25M cache); 16GB (2X8GB) 2666MHZ; DDR4 RDIMM-ECC; 16x Half Height DVD/+RW, 512GB 2.5" Serial ATA Solid State Drive; Radeon Pro WX 9100, 16GBVideo Card ; Intel AHCI SATA chipset controller (8x6.0Gb/s); Windows 10 IOT ENTERPRISE,EMBEDDED or higher to effectively run Magic Monitor software and systems. (OS MEDIA NOT INCLUDED, NO RECOVERY CD); less monitors.
    b) The specified computers shall be configured with 5 (one each)NVIDA Quadro P6000 video cards, GDDR5-PCIC 3.0X16 minimum 24-64 Gb RAM
    c) <u>Install wireless keyboards and wireless mouse</u>
    d) Install two (2) joy sticks with turnkey operation on the system capable of operating all PTZ cameras with the Magic Monitor software.

e) And all must be compatible with Magic Monitor Lenel 2 software minimum requirements Of:
   1. Operating System - Windows 10 pro, 64-bit MacOS X Sierra
   2. Processor- Intel Core i7 or higher
   3. Memory (RAM)- 8GB minimum
   4. Hard Drive 1 TB minimum
   5. Video Card Integrated Intel graphics 1GB RAM
   6. Simultaneous Camera Views minimums:
      9 cameras: 720p, 15 fps
      16 cameras: SD, 15 fps
      16 cameras: 1080p, 30 fps

15) Mount monitors on the new CCTV console as designated. Console provided by Jacksonville Public Library. Install power strips in the console to accommodate the monitors and computers and other devices. Power strips must be permanently and professionally installed with proper hardware. No zip ties or Velcro mounting is acceptable and routed to side wall no cabling should be exposed or laid across the floor behind console.
16) Employ the services of a licensed electrician to test and ensure loads are distributed properly, including running new power feeds (and associated conduit) to the designated breaker panel as required. Each power strip shall be fed by a quad outlet on a dedicated circuit. The existing four outlets on the back wall need to be relocated to floor mounted positions within the new console, to feed the power strips. Provide load calculation worksheets to the City prior to installing power strips. All exposed conduit shall be run on the left wall near the corner. The back wall behind the console shall be kept clean. Therefore work includes moving existing grounding block, two ground wires, and one AC outlet approx. 8' to the right of their present locations.
17) Run all cabling from the Room 131 overhead to the console and along outer wall to avoid trip hazards. Route all cabling to a vertical cable channel, mounted in the corner of the room behind and to the left of the console, again, keeping the back wall behind the console clean.
18) Interconnect all monitors, computers, joysticks, patch panels and network switches. Label all cables at both ends. Ensure all Joysticks are fully operable and work smoothly with equipment.
19) Provide a complete set of full size, as-built, point-to-point CAD drawings for this project. Include all termination points, patch panel schedules, and port assignments. "One-line" drawings shall not be acceptable.
20) Coordinate programming and testing with a City of Jacksonville ITD representative to include testing of each functional component.
21) 5 Licenses Lenel MM-PLUS-PROENT Lenels2 Magic Monitor PLUS license for OnGuard PRO and ENT systems. Each Magic Monitor client can only connect to a single OnGuard server (Region or Master) Install and test Lenel 2 Magic Monitor software with ITD representative, fully test and ensure smooth turnkey operation with all hardware components ensuring all monitors and cameras are integrated, compatible and operational with joysticks and computers.
22) Provide 4 hour training session to Library personnel on console and Magic Monitor operations.

Qualifications

1. There are no as-built drawings of the existing system. Contractor is responsible for checking bidarchives@coj.net for any available drawings. Due to the complexity of this project, and the confidentiality of security operations a mandatory pre-bid site visit is required of all bidders. Any questions generated from the site visit, or these specifications, must be submitted in writing no later than15 days prior to the bid date. A formal addendum will be issued addressing all questions submitted.

2. To ensure proper support of the project during the installation and warranty period, bidders shall have a fully-staffed office within 50 miles of the jobsite, including office, installation, project management, and service staff.

Bidders shall be properly licensed to do business in the state of Florida, and have a current City of Jacksonville occupational license.

3. **Bidder's local staff shall include experienced CCTV technicians; a minimum of one (1) Axis Certified Professional, one (1) Lenel Certified Technician, and one (1) BICSI Certified Technician. The certified technicians shall be on-site during the performance of their respective portion of the work and must be able to install hardware, joysticks, and computers and be familiar with installation and compatible operations with Magic Monitor software and security operations center installation standards.** Certifications from out-of-state personnel, or personnel not domiciled within 50 miles of the job site at time of bid, will not be accepted. No portion of the work shall be contracted out, other than the electrical work (if desired). Contractors will be required to provide copies of all required certifications with bid package.

Schedule

Contractor to provide work schedule and work is to be completed within 60 days of contract award. Equipment and material delays beyond control of the contractor that will affect project completion shall be brought to the City's immediate attention. Work is to be completed during normal working hours, Monday — Friday, 7:00AM to 5:00 PM, excluding holidays. City may issue temporary stop-work orders at their discretion, if the work is deemed to interfere with various library functions. All work to be completed by June 1st 2024 unless otherwise agreed upon.

Location

This project is located at Jacksonville Public Libraries;
Main Library 303 N Laura St Jacksonville Fl. 32202

Guarantee

Contractor to provide a three-year parts warranty and one-year labor warranty, from date of substantial completion.

Site Inspection: Site inspection is mandatory for all bidders. See bid package for date of mandatory pre-bid. Bids will not be considered from any firm who did not sign in at the pre-bid meeting.

Price Guarantee

All bid pricing must be honored for 45 days from bid opening. No adjustments will be allowed for cost escalations incurred by the bidders.

Award

This is a security-sensitive project. Though it is the intent of the City to award to the lowest responsible, responsive, bidder, City reserves the right to award the contract based on thorough evaluation of all aspects of the bid, and the best interest of the City.

Acceptance

Final acceptance will be made based on final inspection of proper operation by assigned COJ personnel, COJ IT and verification that all outstanding punch list items have been completed.

Intent

It is not the intent of these documents to minutely define the mode and fabric of construction of this project, but rather to set forth reasonable and rational criteria for the construction thereof.

General

The contractor shall include all work and materials for installation. All equipment used must be of industry standard and regulations. The waste construction materials from demolition not required to be surplus and construction waste from construction operations shall be properly disposed of daily off site or in a waste container provided by the contractor on site.

No parking or dumpster space is available from the city or the Library. Contractor should reach out to city parking office to secure meters to be permitted to contractor for technicians and dumpster. No vehicles may be parked in the loading dock. Deliveries of items can be made however via the loading dock.

Requirements of Regulatory Agencies

Contractor work will comply with Florida Building Code. Contractor is responsible to give all necessary notices, obtain all State and Municipal permits, and pay all fees necessary in connection with the installation, including sales and use taxes as applicable. Follow all Federal, State and local safety requirements.

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