City of Kodiak Kodiak Police Department Security Controls Upgrade PN 22-07/4068 Addendum No. 2 June 13, 2022

The following change(s) and/or clarification(s) are made to the Plan and Specification Documents of Request for Proposals (RFP) for the Kodiak Police Department Security Controls Upgrade PN 22-07/4068:

- 1) Invitation to Bid Replace with the following:
 - a) Sealed Proposals for the Kodiak Police Department Security Controls Upgrade PN 22-07/4068 project will be received by the City of Kodiak at the office of the City Manager, 710 Mill Bay Road, Room 114, Kodiak, Alaska 99615 until 3:00 p.m. local time on Thursday, June 23, 2022 and then publicly opened and read aloud in the City's Conference Room.
- 2) Proposal Requirements Replace the following:
 - a) Page 3, Overview, Proposal acceptance date:

 The deadline for submission of sealed proposals is **June 23, 2022 at 3:00 p.m.** local time and shortly thereafter the proposals will be opened publicly and read aloud.
 - b) Page 4, Pre-Proposal Meeting, Proposal Preparation, & Submission: Proposers shall submit sealed proposals, containing one original paper copy and one complete digital copy, for furnishing all labor, equipment, and materials and for performing all work for the project described in this RFP. <u>Proposals must be received no later than 3:00 p.m., local time, June 23, 2022.</u> Proposals received after this time will not be considered. Pricing shall be provided on the Bid Form provided.
 - c) Page 5, Pre-Proposal Meeting, Proposal Preparation, & Submission (cont'd): The envelope must be plainly marked with:

Proposal Documents:

KODIAK POLICE DEPARTMENT SECURITY CONTROLS UPGRADE PN 22-07/4068 **To be Opened**:

3 p.m. local time on June 23, 2022

- 3) Appendix B: Project Documents Replace KPD Security RFP (Supplementary Drawings for Scope of Work) with the attached drawings titled RFP DOCUMENTS 4-29-2022 (6 pages).
- 4) Questions & Answers refer to the attached (3 pages).

There are no changes to the RFP opening Location.

PROPOSAL REQUIREMENTS

Overview

The City of Kodiak is accepting sealed proposals from qualified companies to provide technical services for upgrades to the video surveillance, access control, and security door control systems at the Kodiak Police Department. The Work includes the supply, installation, connection of equipment, system integration, staff training, and removal of old equipment. This RFP is issued under Kodiak City Code 3.12.070(a) and is subject to all provisions of the Kodiak City Code.

The Kodiak Police Department is located at 2160 Mill Bay Rd., Kodiak, AK, 99615. The access control, video surveillance, and door control systems were installed during original construction and are approaching 12 years old. The scope of this project will be to replace the access control system in its entirety, replace the hardware and software for the video surveillance system while replacing as many cameras as funding allows (while reusing most cabling), and updating the door control system to the latest software and replacing the touchscreens and control computers. There is also a building-wide intercom system that is connected to the door control system. No work is anticipated on that system outside of confirming proper operation after upgrades are performed elsewhere.

Interested persons may view and download RFP online at http://www.city.kodiak.ak.us/rfps or contact the City Engineering Department by email EngineeringDept@city.kodiak.ak.us, by phone 907.486.8065, or by fax 907.486.8066. Proposal documents will be available on May 10, 2022.

There will be a mandatory pre-proposal meeting at 10 a.m. on June 2, 2022 to be held at the City of Kodiak conference room 116 followed by a field tour of the Kodiak Police Department from 1pm to 5pm. Proposals will be accepted only if the proposer attends the meeting. The deadline for submission of sealed proposals is June 23, 2022 at 3:00 p.m. local time and shortly thereafter the proposals will be opened publicly and read aloud. Proposals must be submitted to the City Manager's office located at 710 Mill Bay Road, Room 114 Kodiak, Alaska, 99615. Questions of fact regarding circumstances such as weather, delay of mails, etc. that circumvent legitimate timely receipt of an otherwise responsive bid will be decided by the City of Kodiak. Proposals not timely received will not be considered and will be returned unopened.

The City will proceed toward an award by evaluating proposals and interviewing the respondents with the highest scores, if deemed necessary. The successful Proposer will be required to enter into a written agreement for the work, substantially in the form of Appendix D. Payment and performance bonds substantially in the form of Appendix E will be required The City reserves the right to reject any or all proposals and waive any minor irregularities. Should no acceptable proposals be received, the City may negotiate with one or more prospective offerors.

If a Proposer objects on any ground to any aspect of this RFP, the Proposer shall, not more than ten calendar days after the pre-proposal meeting, provide written notice to the City setting forth with specificity the grounds for the objection. The failure of a Proposer to object in the manner set forth in this paragraph shall constitute a complete and irrevocable waiver of any such objection. Bids may be withdrawn by written or facsimile request received from proposers prior to the time fixed for opening. Negligence on the part of the proposer in preparing the bid does not confer the right for the withdrawal of the bid after it has been opened. Any proposer who believes a contract has been improperly awarded may file a protest no later than five calendar days from the date the Notice of Intent to award is issued. Any protest shall be in writing, shall be filed with the City Clerk, and shall specify the reasons the proposer feels the Notice of Intent to Award was improper.

The City shall notify all proposers of the filing of the protest within two working days after the protest is filed. The City Council shall hold an informal hearing at which all interested persons may participate no later than five working days after the protest is filed. The City Council shall issue a written decision on the protest no later than 24 hours after the conclusion of the informal hearing. The decision of the City Council shall be final.

State Homeland Security Program grant funds will be used for this project and contractor labor rates must conform to Davis-Bacon prevailing wages for Alaska. The City encourages the use of materials manufactured in the USA by an American corporation, which is included as part of the evaluation criteria.

Contact Information

Except at the pre-proposal meeting, all questions regarding this RFP shall made in writing and be directed to City of Kodiak Engineering Department at EngineeringDept@city.kodiak.ak.us.

Matt Holmstrom City Engineer 2410 Mill Bay Road Kodiak, Alaska 99615 (907) 486-8065 Gena Diniega-Wandersee Administrative Specialist 2410 Mill Bay Road Kodiak, Alaska 99615

Pre-Proposal Meeting, Proposal Preparation, & Submission

A mandatory pre-proposal meeting will be held at the City of Kodiak Conference Room, 710 Mill Bay Rd, Room 116, Kodiak, AK 99615 on June 2, 2022. The purpose of the meeting is to familiarize potential proposers with the City's unique needs and resources. Proposers may present oral questions and perform a physical survey of the Police Department for areas that may be relevant to the Work. The failure of a prospective bidder, for any reason whatsoever, to attend and fully participate, personally or through the personal presence of a representative authorized to make all disclosures, representations, and certifications called for by this section, a prebid conference or meeting designated as mandatory under this section shall preclude such bidder from further participating in the bidding process or receiving an award of any resulting contract KCC 3.12.055. Proposals shall not be accepted from any proposer who does not attend the pre-proposal meeting. To register for the pre-proposal meeting, please contact Engineering Department by email EngineeringDept@city.kodiak.ak.us, phone at (907) 486.8065, or by fax at (907) 486-8066 on or before June 2, 2022.

Proposers shall submit sealed proposals, containing one original paper copy and one complete digital copy, for furnishing all labor, equipment, and materials and for performing all work for the project described in this RFP. **Proposals must be received no later than 3:00 p.m., local time, June 23, 2022.** Proposals received after this time will not be considered. Pricing shall be provided on the Bid Form provided.

Proposals may be submitted to following address:

City of Kodiak KPD SECURITY PROPOSAL 710 Mill Bay Road, Room 114 Kodiak, Alaska 99615 The envelope must be plainly marked with:

Proposal Documents:

KODIAK POLICE DEPARTMENT SECURITY CONTROLS UPGRADE PN 22-07/4068

To be Opened:

3:00 p.m. local time on June 23, 2022

Proposals shall be sealed, and clearly marked as such. It is the responsibility of the Proposer to ensure timely delivery of the proposal. All costs related to the preparation, completion, and submittal of Proposals, interviews, meetings, negotiations, and all other costs related to this RFP are the sole responsibility of the Proposer. All proposals are submitted at the RFP participant's own free will. Proposers will not be reimbursed for any cost associated with responding to this RFP.

Proposal Contents

Proposals shall be concise and shall include only information that directly relates to this solicitation and helps enable the Owner to evaluate the Proposer's offer, including experience, methodology, and project approach.

To achieve a uniform review process and obtain maximum level of comparability, it is required that the proposals be organized as and contain the deliverables specified below:

a. Introductory Letter – An introductory letter expressing an interest in performing the work and understanding the requirements of this RFP should be included. The introductory letter should be addressed and labeled as follows:

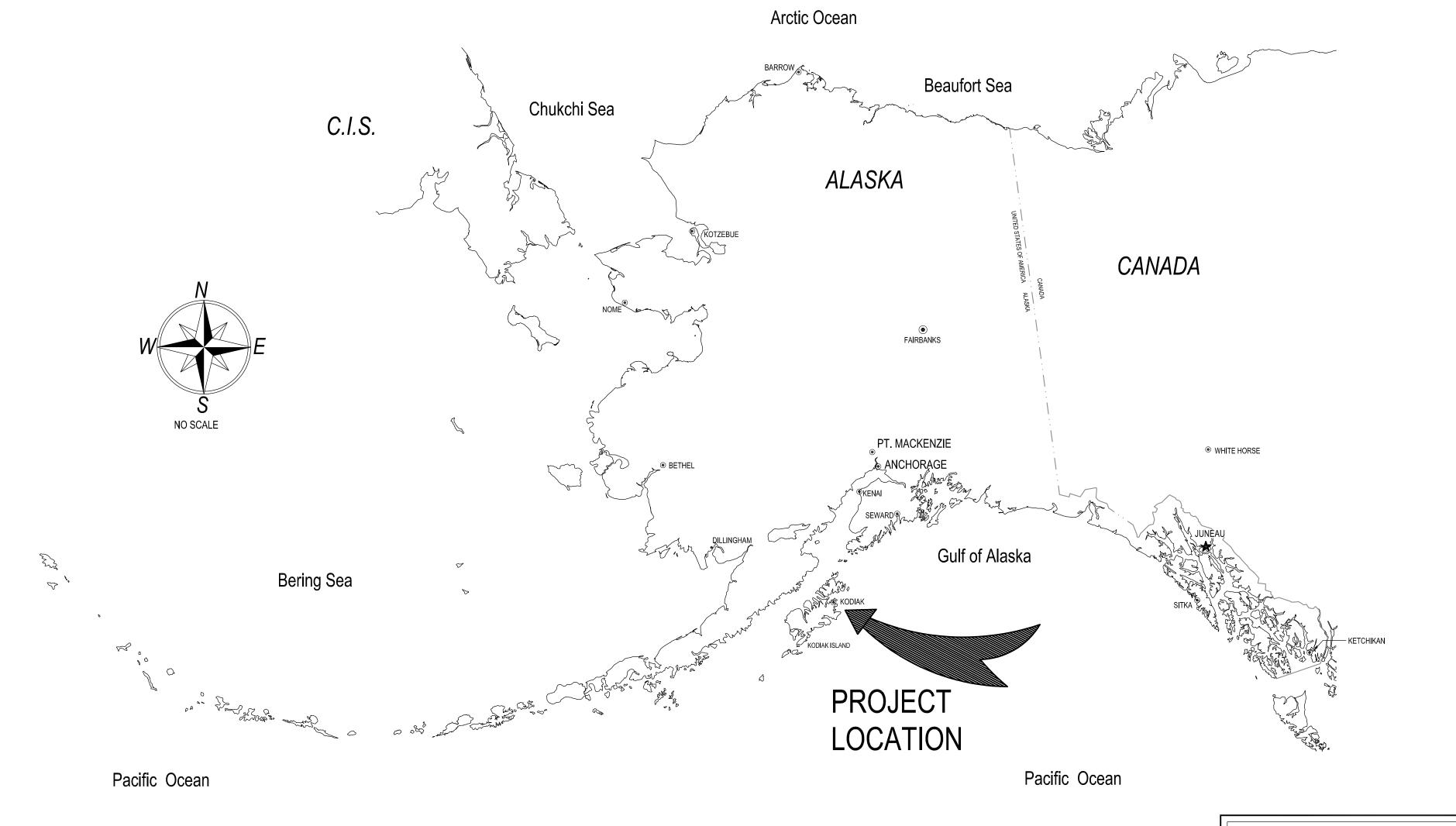
Mike Tvenge, City Manager City of Kodiak 710 Mill Bay Rd, Room 114 Kodiak AK 99615

- **b. Qualifications** Describe, in sufficient detail, the Proposer's key personnel (include a brief resume) and experience, qualifications, and technical support that are relevant to the Services detailed in this Request.
- **c. References** Include the name, address, and contact person of at least three government agencies or facility owners with which the Proposer has provided similar type Services. It is the intent of the City to contact such references to assess the level of satisfaction with the equipment and services rendered to the listed references. List all lawsuits and complaints filed against Proposer within the past three years.

d. Solution Overview

i) Software Configuration Control Plan – The Proposer shall have a written Software Configuration Control Plan for releasing and maintaining their system software. This plan shall be reviewed and approved by the City. A copy of the draft plan shall be submitted with the proposal for evaluation. Include 2 years of software updates and support from the time of substantial completion, and provide annual pricing for software maintenance

City of Kodiak Kodiak Police Department Security Controls Upgrade



PREPARED BY:

RSA ENGINEERING, INC.
670 W. FIREWEED LN., SUITE 200
ANCHORAGE, ALASKA 99503
Ph. 907.276.0521 Fax: 907.276.1751

RFP DOCUMENTS 4-29-2022

DRAWING INDEX

- EO.1 ELECTRICAL PERFORMANCE SPECIFICATIONS
- EO.2 ELECTRICAL LEGEND & SITE PLAN
- EO.3 SECURITY SYSTEM ONE-LINE DIAGRAM
- E1.1 WEST SIDE SECURITY SYSTEM PLAN
- E1.2 EAST SIDE SECURITY SYSTEM PLAN

B. STANDARDS, CODES AND REGULATIONS: COMPLY WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL INTERNATIONAL BUILDING CODE, AND INTERNATIONAL FIRE CODE INCLUDING ALL STATE AND LOCAL AMENDMENTS TO THESE CODES. COMPLY WITH THE LATEST PUBLISHED VERSION OF THE NECA STANDARD OF INSTALLATION

C. DRAWINGS: THE DRAWINGS ARE DIAGRAMMATIC, NOT NECESSARILY SHOWING ALL OFFSETS OR EXACT LOCATIONS OF EQUIPMENT UNLESS SPECIFICALLY DIMENSIONED. REVIEW THE DRAWINGS AND SPECIFICATIONS FOR EQUIPMENT FURNISHED BY OTHER CRAFTS BUT INSTALLED IN ACCORDANCE WITH THIS SECTION. QUESTIONABLE OR OBSCURE ITEMS, APPARENT CONFLICTS BETWEEN PLANS AND SPECIFICATIONS, GOVERNING CODES OR UTILITIES REGULATIONS TO THE ATTENTION OF THE DEPARTMENT. CODES, ORDINANCES, REGULATIONS, MANUFACTURER'S INSTRUCTIONS OR STANDARDS TAKE PRECEDENCE WHEN THEY ARE MORE STRINGENT OR CONFLICT WITH THE DRAWINGS AND SPECIFICATIONS.

D. RECORD DRAWINGS: MARK UP A CLEAN SET OF DRAWINGS AS THE WORK PROGRESSES TO SHOW THE DIMENSIONED LOCATION AND ROUTING OF ALL ELECTRICAL WORK WHICH WILL BECOME PERMANENTLY CONCEALED. SHOW ROUTING OF WORK IN PERMANENTLY CONCEALED BLIND SPACES WITHIN THE BUILDING. SHOW COMPLETE ROUTING AND SIZING OF ANY SIGNIFICANT

REVISIONS TO THE SYSTEMS SHOWN. E. WORKMANSHIP: INSTALLATION OF ALL WORK SHALL BE MADE SO THAT ITS SEVERAL COMPONENT PARTS SHALL FUNCTION AS A WORKABLE SYSTEM COMPLETE WITH ALL ACCESSORIES NECESSARY FOR ITS OPERATION. ALL MATERIAL AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, INSTRUCTIONS AND/OR INSTALLATION DRAWINGS AND IN ACCORDANCE WITH NECA STANDARDS. MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM WITH APPLICABLE INDUSTRY STANDARDS, NEMA STANDARDS AND UNDERWRITERS

F. SUBMITTALS: PROVIDE PRODUCT DATA, QUALIFICATIONS, SHOP DRAWINGS, AND OTHER ITEMS AS REQUIRED IN INDIVIDUAL SECTIONS. SUBMIT ALL SECTIONS TOGETHER IN A BOOKMARKED PDF FILE UNLESS DIRECTED OTHERWISE BY THE DEPARTMENT.

LABORATORIES STANDARDS WHERE APPLICABLE

G. WARRANTY: THE CONTRACTOR SHALL GUARANTEE ALL WORK EXECUTED UNDER THIS CONTRACT TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM BENEFICIAL OCCUPANCY. ANY FAULTY MATERIALS OR WORKMANSHIP SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER DURING THE GUARANTEE PERIOD.

H. REFERENCE SYMBOLS: THE ELECTRICAL "LEGEND" ON THE DRAWINGS IS A STANDARDIZED VERSION, AND ALL SYMBOLS SHOWN MAY NOT BE USED. USE THE "LEGEND" AS A REFERENCE FOR THE SYMBOLS USED ON THE DRAWINGS.

I. PENETRATION OF FIRE BARRIERS: ALL ELECTRICAL PENETRATIONS THROUGH FIRE RATED BARRIERS SHALL BE SEALED IN ACCORDANCE WITH NEC ARTICLE 300.21 AND THE FOLLOWING:

1. ALL HOLES OR VOIDS CREATED TO EXTEND ELECTRICAL SYSTEMS THROUGH FIRE RATED FLOORS, WALLS OR CEILING SHALL BE SEALED WITH AN ASBESTOS-FREE INTUMESCENT FIRE STOPPING MATERIAL CAPABLE OF EXPANDING 8 TO 10 TIMES WHEN EXPOSED TO TEMPERATURES 250 DEGREES F OR HIGHER.

2. MATERIALS SHALL BE SUITABLE FOR THE FIRE STOPPING OF PENETRATIONS MADE BY STEEL, GLASS, PLASTIC AND SHALL BE CAPABLE OF MAINTAINING AN EFFECTIVE BARRIER AGAINST FLAME, SMOKE AND GASES IN COMPLIANCE WITH THE REQUIREMENTS OF ASTM E814, UL 1479 AND THE UL FIRE RESISTANCE DIRECTORY REQUIREMENTS FOR THROUGH-PENETRATION FIRESTOP DEVICES (XHCR).

3. THE RATING OF THE FIRE STOPS SHALL BE THE SAME AS THE TIME-RATED FLOOR, WALL OR CEILING ASSEMBLY.

4. INSTALL FIRE STOPPING MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

<u> 26 05 19 – WIRE AND CABLE</u> A. SUBMITTALS: NONE REQUIRED FOR THIS SECTION.

B. MATERIALS:

1. ALL CONDUCTORS SHALL BE COPPER WITH TYPE XHHW, THWN, THW OR THHN INSULATION. MINIMUM CONTROL CIRCUIT CONDUCTOR SIZE SHALL BE #18 AWG.

2. CONTROL CIRCUITS SHALL BE COPPER, STRANDED CONDUCTOR, 600V INSULATION, THHN/THWN, MINIMUM SIZE 18 AWG.

C. INSTALLATION:

1. USE PROPERLY SIZED INSULATED SPRING WIRE CONNECTORS WITH PLASTIC CAPS FOR ALL CONDUCTORS #8 AWG AND SMALLER.

2. INSTALLATION SCHEDULE: BUILDING WIRE IN RACEWAYS AT ALL LOCATIONS UNLESS OTHERWISE NOTED. PROVIDE XHHW-2 IN EXTERIOR LOCATIONS.

<u> 26 05 29 - HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS</u>

A. SUBMITTALS: NONE REQUIRED FOR THIS SECTION. B. MATERIAL: SUPPORT CHANNEL SHALL BE GALVANIZED OR PAINTED STEEL. HARDWARE SHALL BE CORROSION RESISTANT.

26 05 33 - RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS

A. SUBMITTALS: NONE REQUIRED FOR THIS SECTION. EXISTING PATHWAYS MAY BE RE-USED. ALL NEW CABLING SHALL BE IN CONDUIT WITH THE EXCEPTION OF LOW-VOLTAGE CABLING IN J-HOOKS ABOVE ACCESSIBLE CEILINGS. B. MATERIALS

1. ELECTRICAL METALLIC TUBING CONDUIT (EMT): ANSI C80.3. GALVANIZED TUBING. FITTINGS AND CONDUIT BODIES: ANSI/NEMA FB 1; STEEL OR MALLEABLE IRON, COMPRESSION TYPE FITTINGS WITH INSULATED THROAT BUSHINGS. DIE-CAST FITTINGS ARE NOT ACCEPTABLE. ALL CONDUIT STRAPS SHALL BE TWO-HOLE WITH CENTER-PIN TORX FASTENERS IN INMATE-ACCESSIBLE AREAS UNDER 10' AFF. IN CELLS AND DAYROOMS, ANY EXPOSED CONDUIT UNDER 10' AFF SHALL BE COMPLETELY COVERED WITH A BENT METAL CONDUIT SHROUD SECURED TIGHTLY TO THE WALL.

2. PROVIDE GALVANIZED OR CADMIUM PLATED, ONE PIECE PRESSED STEEL OUTLET BOXES 4 INCH SQUARE OR OCTAGONAL, 1 1/2 INCHES DEEP MINIMUM SIZE FOR USE IN INTERIOR AREAS.

C. INSTALLATION: 1. INSTALL CONDUIT FOR ALL SYSTEMS UNLESS OTHERWISE NOTED. PROVIDE 3/4" MINIMUM FOR LOW-VOLTAGE CABLING.

2. PROVIDE OUTLET BOXES AS SHOWN ON THE DRAWINGS, AND AS REQUIRED FOR SPLICES, TAPS, WIRE PULLING, EQUIPMENT CONNECTIONS, DEVICE INSTALLATION AND CODE COMPLIANCE.

3. SUPPORT BOXES INDEPENDENTLY OF CONDUIT.

26 05 53 - IDENTIFICATION FOR ELECTRICAL SYSTEMS

A. SUBMITTALS: NONE REQUIRED FOR THIS SECTION.

1. WIRE AND CABLE MARKERS: CLOTH MARKERS, SPLIT SLEEVE OR

C. INSTALLATION:

1. CONDUITS: MARK ALL CONDUITS ENTERING OR LEAVING CABINETS WITH INDELIBLE BLACK MAGIC MARKER WITH THE DOOR NUMBER CONTAINED INSIDE.

2. WIRE IDENTIFICATION: PROVIDE WIRE MARKERS ON EACH CONDUCTOR IN PULL BOXES, JUNCTION BOXES, AND AT DOOR/RELAY CONNECTION. MARKERS SHALL BE LOCATED WITHIN ONE INCH OF EACH CABLE END, EXCEPT IN CABINETS, WHERE MARKERS FOR DOOR WIRING SHALL BE VISIBLE AT TERMINATION POINTS.

28 10 00 - ELECTRONIC ACCESSS CONTROL SYSTEM A. SUBMITTALS:

1. SUBMIT PRODUCT DATA FOR APPROVAL.

2. SUBMIT QUALIFICATIONS FOR THE SYSTEM SUBMITTED.

3. SUBMIT SHOP DRAWINGS WITH ALL CARD READERS AND OTHER HARDWARE, PROPOSED CABLE ROUTING, LAYOUT OF ACCESS CONTROL ENCLOSURES, AND CONNECTIONS TO OTHER SYSTEMS. AUTOCAD OF THE FACILITY WILL BE MADE AVAILABLE TO ASSIST IN CREATING DRAWINGS.

B. CLOSEOUT: PROVIDE AS-BUILT DRAWINGS WITH ALL INSTALLED COMPONENTS, ACTUAL CABLE ROUTING AND TERMINATIONS, IP/MAC ADDRESSES, AND SOFTWARE BACKUP ON FLASH DRIVE.

C. MATERIALS

1. ACCESS CONTROL SYSTEM:

1.1. PROVIDE SOFTWARE, LICENSES, ACCESS CONTROL PANELS, DOOR CONTROLLERS. DOOR POWER SUPPLIES WHERE REQUIRED. CABLING. NEW CARD READERS AND ALL OTHER COMPONENTS FOR A COMPLETE AND OPERABLE SYSTEM.

1.2. PROVIDE NEW DOOR HARDWARE FOR NEW CONTROLLED DOOR. 1.3. EXISTING USERS SHALL BE MIGRATED TO NEW SYSTEM. PROVIDE REPLACEMENT CREDENTIALS AND LABOR TO CONFIGURE IN NEW SYSTEM. ASSUME 100 USERS FOR BIDDING PURPOSES.

1.4. CARD READERS/CREDENTIALS SHALL USE OSDP COMMUNICATION PROTOCOL AND 13.56MHz TECHNOLOGY.

28 32 00 - VIDEO SURVEILLANCE SYSTEM A. SUBMITTALS:

1. SUBMIT PRODUCT DATA FOR APPROVAL

2. SUBMIT QUALIFICATIONS FOR THE SYSTEM SUBMITTED

3. SUBMIT SHOP DRAWINGS WITH ALL CAMERAS, PROPOSED CABLE ROUTING, HARDWARE, AND CALCULATIONS PROVIDED FOR THE SYSTEM. AUTOCAD OF THE FACILITY WILL BE MADE AVAILABLE TO ASSIST IN CREATING DRAWINGS.

4. CLOSEOUT: PROVIDE AS-BUILT DRAWINGS WITH ALL INSTALLED COMPONENTS, ACTUAL CABLE ROUTING AND TERMINATIONS, IP/MAC ADDRESSES, AND FINAL CONFIGURATION OF HARDWARE SETTINGS IF FIELD ADJUSTMENTS CAN BE MADE. PROVIDE CABLING TEST REPORTS PERFORMED WITH A FLUKE 'DSX' OR EQUIVALENT

B. MATERIALS

1. VIDEO MANAGEMENT SYSTEM:

TESTER FOR CATEGORY 6 CABLING.

1.1. MANUFACTURER BASIS OF DESIGN IS AVIGILON "ACC" AND CAMERAS. COMPARABLE SYSTEMS OF THIS SIZE MAY BE PROPOSED BY MILESTONE, VICON, OR SIMILAR. PROVIDE SOFTWARE, ALL LICENSES REQUIRED FOR SERVER, SITE, ALL CAMERAS AS NOTED, WORKSTATIONS, LABOR, PROGRAMMING, AND ALL MATERIAL FOR A COMPLETE AND OPERABLE SYSTEM.

2. VIDEO SERVER: 2.1. HARDWARE CONFIGURATION SHALL MEET VMS REQUIREMENTS FOR SIZE OF THE SYSTEM AND THE NUMBER OF CAMERAS AND WORKSTATIONS CONNECTED.

2.2. PROVIDE CAPACITY FOR 90 DAYS OF CALCULATED STORAGE AT 30% MOTION, H.264 COMPRESSION (H.265 IF APPLICABLE), AND MINIMUM FRAME RATE OF 15FPS ON ALL CAMERAS UPON MOTION. 2.3. PROVIDE RAID 5 CONFIGURATION OR AS RECOMMENDED BY THE MANUFACTURER. CALCULATED STORAGE CAPACITY SHALL BE NET AMOUNT AFTER RAID.

2.4. PROVIDE SEPARATE ARCHIVER AND MANAGEMENT SERVERS.

3. VIDEO SYSTEM WORKSTATIONS

3.1. HARDWARE CONFIGURATION SHALL MEET VMS REQUIREMENTS FOR SIZE OF THE SYSTEM AND NUMBER OF MONITORS CONNECTED TO EACH WORKSTATION.

3.2. MONITOR: 32" WIDESCREEN, 1080P, HDMI INPUT. PROVIDE WITH DESKTOP STAND.

4. NETWORK SWITCHES:

4.1. Poe Network Switches Shall be provided for all New and EXISTING CAMERAS SHOWN ON THE DRAWINGS, PLUS EXPANSION CAPABILITY OF 25%. BASED ON RECORD DRAWINGS, THERE ARE 70 CAMERAS AT THE FACILITY, WHICH WOULD REQUIRE 88 SWITCH PORTS TO MEET THIS SECTION. ASSUME (4) 24-PORT NETWORK SWITCHES AND A SEPARATE 8-PORT (MINIMUM) SWITCH FOR WORKSTATIONS. 4.2. SWITCHES SHALL BE CAPABLE OF PROVIDING POE POWER ON ALL PORTS SIMULTANEOUSLY FOR CAMERAS. WORKSTATION SWITCH DOES

NOT REQUIRE POE CAPABILITY. 4.3. SWITCHES SHALL MEET VMS MANUFACTURER REQUIREMENTS FOR NETWORK MANAGEMENT, SECURITY PROTOCOLS, AND THROUGHPUT

BASED ON SYSTEM DESIGN

5. VIDEO CAMERAS: 5.1. GENERAL REQUIREMENTS: ALL CAMERAS SHALL BE IK-10 IMPACT RESISTANT, POE POWERED, ONVIF COMPLIANT, UTILIZE VARI-FOCAL LENSES WITH REMOTE ZOOM AND FOCUS UNLESS OTHERWISE NOTED, AND SHALL HAVE IR ILLUMINATORS UNLESS OTHERWISE NOTED. PROVIDE ALL MOUNTING HARDWARE, CABLING, AND LABOR FOR INSTALLATION.

5.2. SPECIFIC REQUIREMENTS:

5.2.1. GENERAL MOVEMENT AND OBSERVATION CAMERAS (CORRIDORS, VESTIBULES): 1080P OR HIGHER RESOLUTION. CORRIDOR MODE WHERE APPLICABLE. INTEGRAL MICROPHONE. LOCATIONS MAY BE CONSOLIDATED INTO MULTI-SENSOR APPLICATIONS, ELIMINATING ONE OR MORE CAMERAS, IF EQUAL OR BETTER VIEW CAN BE PROVIDED.

5.2.2. CELLS/SALLYPORTS: PREFERENCE IS CORNER-MOUNT CAMERAS WITH INTEGRAL IR ILLUMINATORS. INTEGRAL MICROPHONE, LIGATURE-RESISTANT DESIGN WITH NO GAPS TO WALL. MINI-DOME DESIGN IS ACCEPTABLE IN LOCATIONS WHERE CABLING CANNOT BE EASILY ROUTED TO A CORNER LOCATION.

5.2.3. LARGE ROOMS (BOOKING/DAYROOMS, ETC.): MULTI-SENSOR 1080P OR GREATER TO PROVIDE 180° -360° COVERAGE OF THE ROOM DEPENDING ON CAMERA PLACEMENT.

5.2.4. EXTERIOR PTZ: 1080P, 30X OPTICAL ZOOM, 360°

6. CABLING SYSTEM:

6.1. CATEGORY 6 CABLING SHALL BE PROVIDED FOR ALL CAMERAS, WORKSTATIONS, AND OTHER COMPONENTS NOTED IN THE DRAWINGS WHERE NEW IS REQUIRED.

6.2. BASIS OF DESIGN FOR CABLE PERFORMANCE IS SUPERIOR ESSEX "DATAGAIN" OR APPROVED EQUAL

6.3. PROVIDE CABLING SYSTEM JACKS, OUTLETS, PATCH PANELS AS APPROVED BY THE CABLING MANUFACTURER SUBMITTED.

6.4. TERMINATE ALL CAMERA HORIZONTAL CABLING IN AN OUTLET AND CONNECT CAMERA WITH A PATCH CORD. D. INSTALLATION:

1. INSTALLATION SHALL BE COORDINATED WITH THE OWNER AND FACILITY TO MINIMIZE SYSTEM DOWNTIME. CUTOVER TIMES SHALL BE AS NOTED IN CONTRACT TERMS AND CONDITIONS. CONTRACTOR SHALL PROVIDE A PHASED CUTOVER PLAN FOR

2. SYSTEM DOWNTIME SHALL BE APPROVED A MINIMUM OF 48 HOURS IN ADVANCE, UNLESS OTHERWISE DIRECTED BY THE DEPARTMENT.

3. ALL CABLING SHALL BE INSTALLED BY TECHNICIANS QUALIFIED TO PROVIDE AND INSTALL THE SUBMITTED SYSTEM. TERMINATE AND TEST ALL CABLING AND PROVIDE TEST REPORTS WITH CLOSEOUT SUBMITTALS.

4. ALL CAMERAS SHALL HAVE FIELD OF VIEW, AIM, FOCUS, AND ZOOM APPROVED BY FACILITY PERSONNEL PRIOR TO COMPLETION. 5. CAMERA CALL-UPS SHALL BE UPDATED WITH DOOR CONTROL

SYSTEM TO PROVIDE THE FACILITY WITH SIMILAR OR IMPROVED VIEWS OF ALL CONTROL POINTS.

<u> 28 40 00 - DETENTION MONITORING AND CONTROL SYSTEM</u> A. EXISTING SYSTEM:

1. PLC SYSTEM: SCHNEIDER ELECTRIC "MODICON M340" SERIES. B. NEW SYSTEM:

1. TOUCHSCREEN CONTROLLER: DELL OPTIPLEX SERIES OR EQUAL, COMPATIBLE WITH SOFTWARE AND TOUCHSCREEN MONITOR.

2. TOUCHSCREEN MONITOR: ELOTOUCH 24" OR SIMILAR. 3. SOFTWARE: UPDATE EXISTING VIJEO CITECT TO LATEST VERSION WITH ALL EXISTING PLC CONTROL POINTS AND PROGRAMMING

MIGRATED. C. SUBMITTALS

2. SUBMIT PRODUCT DATA FOR APPROVAL

3. SUBMIT SCREEN SHOTS OF SCREEN MODIFICATIONS TO SYSTEM. D. CLOSEOUT: PROVIDE UPDATED SYSTEM DRAWINGS AS APPLICABLE. SHOWING ALL NEW CONNECTIONS MADE AS PART OF THIS PROJECT. SUBMIT UPDATED BACK-UP COPY OF PROGRAMMING WITH VIDEO SYSTEM CALL-UPS.

E. INSTALLATION:

1. COORDINATE ACCESS TO THE CONTROL SYSTEM WITH THE IF REMOTE ACCESS IS NEEDED TO MAKE PROGRAMMING CHANGES, A SCHEDULED DATE/TIME WILL BE AGREED-UPON AND A PHYSICAL CONNECTION MADE AT THE FACILITY.

2. ANY DISRUPTION OF SECURITY CONTROLS DUE TO PROGRAMMING UPDATES. SYSTEM REBOOT. OR OTHER FUNCTIONS. SHALL BE COORDINATED NO LESS THAN 48 HOURS AHEAD OF TIME TO ALLOW FOR STAFFING CHANGES AS NEEDED.

3. UPDATE SYSTEM PROGRAMMING FOR COMMUNICATION WITH NEW VIDEO MANAGEMENT SYSTEM. TEST ALL CAMERA CALL-UPS TO CONFIRM COMPLETION.

4. AFTER THE UPDATED PROGRAMMING AND TOUCHSCREEN FUNCTIONS ARE IN PLACE, DEMONSTRATE PROPER OPERATION TO THE FACILITY REPRESENTATIVE FOR FINAL APPROVAL.

28 46 32 - DETENTION INTERCOM SYSTEM

D. EXISTING SYSTEM:

1. HARDING 'DXL' SYSTEM.

2. NO REPLACEMENT WORK IS ANTICIPATED. AFTER PLC/RELAY SYSTEM IS UPDATED, TEST ALL INTERCOM POINTS ON TOUCHSCREEN AND VERIFY PROPER OPERATION.

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REVISIONS:

DRAWN BY: AB CHECKED BY: JAM DATE: 4/29/2022 JOB NUMBER: M1246

DRAWING TITLE: ELECTRICAL PERFORMANCE **SPECIFICATIONS**

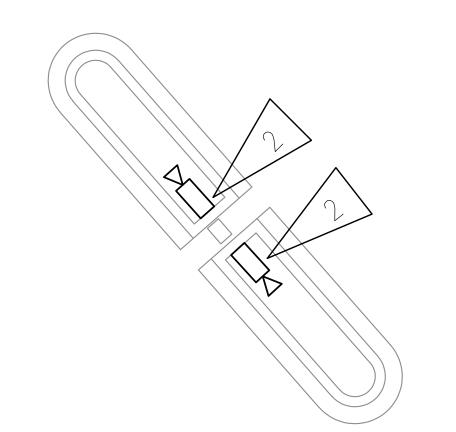
DWG FILE:

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SHEET NOTES:

- 1. MOUNT NEW CAMERA ~18' AFF TO PROVIDE VIEW OF EVIDENCE OVERFLOW OVER EXISTING GATE AND THROUGH FENCE.
- 2. <u>ALTERNATE #2:</u> GOOSENECK-MOUNTED SMALL FORM FACTOR CAMERAS ARE NOT FUNCTIONAL, TOTAL OF (4). REPLACE CAMERAS AND CABLING. ASSUME CONDUIT PATH IS INTACT AND CAN BE RE USED. IF IT IS COMPROMISED, A MODIFICATION FOR NEW PATHWAY WILL BE NEGOTIATED POST-AWARD. IF ALTERNATE IS NOT AWARDED, NO WORK IS REQUIRED.
- 3. KPD WILL REMOVE PRIVACY SLATS TO ALLOW CAMERA VIEW THROUGH FENCE LINE.
- 4. REPLACE POLE-MOUNTED PTZ. PANORAMIC VIEW OF AREA OR FIXED-VIEW SUPPLEMENT TO PTZ ARE DESIRED OUTCOME.

	LEGEND	
	VIDEO SYSTEM CAMERA	
MON	VIDEO SYSTEM MONITOR	
TSC	TOUCHSCREEN CONTROLLER	
TSM	TOUCHSCREEN MONITOR	
VSW	VIDEO SYSTEM WORKSTATION	
	NOTE TAG (NO. INDICATES NOTE)	
\downarrow	CONDUIT/CABLE TAG (NO. INDICATES NUMBER IN SCHEDULE)	
Ö	LIGHT POLE -> EXISTING	
PTZ	PAN-TILT-ZOOM	
TYP	TYPICAL	
UON	UNLESS OTHERWISE NOTED	



2 ENLARGED PLAN - VEHICLE GATES
NOT TO SCALE



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CITY OF KODIAK
KODIAK POLICE DEPARTMENT
SECURITY UPGRADES RFP

REVISIONS:

DRAWN BY: AB
CHECKED BY: JAM
DATE: 4/29

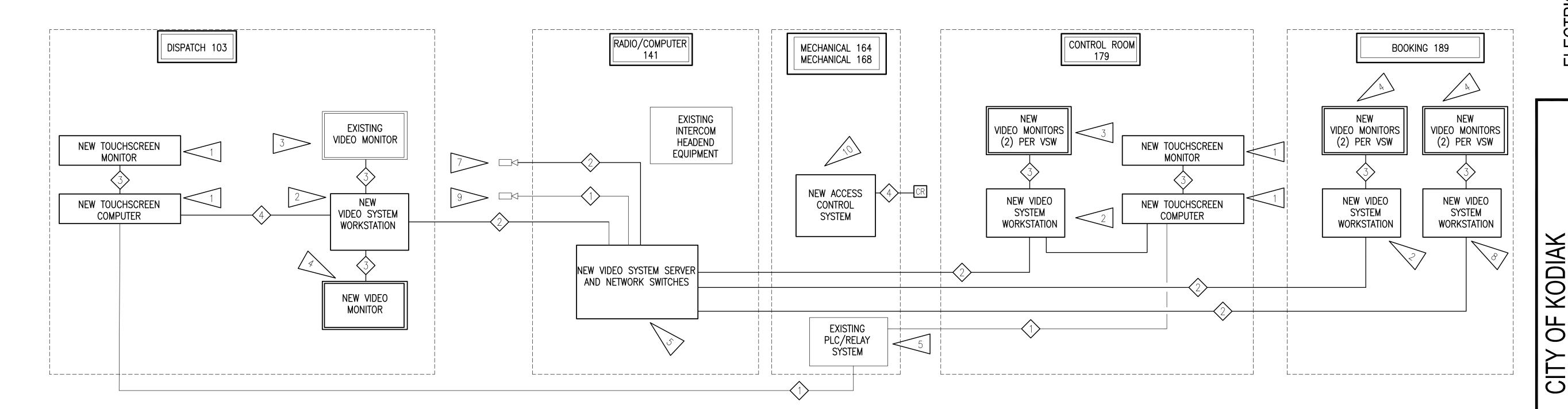
JOB NUMBER: M1246
DWG FILE:

DRAWING TITLE:
ELECTRICAL LEGEND &
SITE PLAN

E0.2

DETAIL NOTES:

- PROVIDE NEW TOUCHSCREEN COMPUTER AND MONITOR FOR PLC/TOUCHSCREEN SYSTEM. EXISTING CONNECTION TO PLC/RELAY SYSTEM MAY BE USED.
- 2. NEW VIDEO SYSTEM WORKSTATION. CONNECT TO VIDEO SYSTEM WITH NEW NETWORK CONNECTION.
- 3. EXISTING MONITOR/TV FOR VIDEO SYSTEM CALL-UPS ON WALL. CONNECT TO NEW WORKSTATION.
- 4. NEW MONITOR(S) FOR NEW VIDEO SYSTEM WORKSTATIONS. PROVIDE NEW HDMI CABLING.
- 5. UPDATE PLC/RELAY SYSTEM TO NEWEST VERSION OF SOFTWARE. PROVIDE INTEGRATION FOR NEW VIDEO MANAGEMENT SYSTEM, INCLUDING UPDATED COMMUNICATION FOR CAMERA CALL-UPS UPON ACTIVATION OF DOOR OR INTERCOM CONTROLS OR MANUAL CALL-UPS. COORDINATE WITH CAMERA WORK AND UPDATE TOUCHSCREENS TO REFLECT NEW CAMERA LAYOUTS.
- 6. PROVIDE NEW VIDEO SYSTEM SERVERS (MANAGEMENT AND ARCHIVER_ AND NETWORK SWITCHES IN EXISTING RACK. REMOVE EXISTING SYSTEM EQUIPMENT AND TURN OVER TO KPD FOR SALVAGE. NEW SYSTEM SHALL UTILIZE SEPARATE SWITCHES FOR WORKSTATIONS AND CAMERAS. IP CAMERAS TERMINATED IN RACK SHALL BE RE-CONNECTED TO NEW SWITCH. EXISTING KVM TO REMAIN FOR ACCESS TO SYSTEM.
- 7. DEMOLISH ANALOG CAMERAS AND CABLING TO GATES. PROVIDE NEW CAMERAS AND CABLING. REMOVE ENCODER AND CONNECT TO NEW VIDEO SYSTEM.
- ADDITIVE ALTERNATE #1: PROVIDE NEW VIDEO SYSTEM WORKSTATION AND MONITORS AT NËW LOCATION. PROVIDE NEW TELECOM OUTLET AND CABLING TO VIDEO SYSTEM RACK.
- CAMERAS SHALL BE REPLACED UNDER BASE BID AND ALTERNATES USING EXISTING CABLING AND BE CONNECTED TO NEW VIDEO SYSTEM. ALL CAMERAS NOT REPLACED SHALL BE CONNECTED TO NEW SYSTEM.
- 10. PROVIDE NEW ACCESS CONTROL SYSTEM INCLUDING CONTROLLERS, DOOR POWER SUPPLIES, CARD READERS, AND SOFTWARE. NEW VIDEO SYSTEM SERVER MAY BE USED TO HOST SOFTWARE. PROVIDE NEW CABLING TO NEW CARD READERS.



WIRE/CABLE SCHEDULE		
EXISTING SYSTEM CABLING, NO MODIFICATION ANTICIPATED		
2 NEW UTP CABLE, CATEGORY 6		
NEW MONITOR CABLE, HDMI		
4 NEW CABLING PER MANUFACTURER REQUIREMENTS		

SECURITY SYSTEM ONE-LINE DIAGRAM
NO SCALE

ELECTRICAL

KODIAK SECURIT

DRAWN BY: AB

JOB NUMBER: M1246 DWG FILE:

DRAWING TITLE: SECURITY SYSTEM ONE-LINE DIAGRAM

E0.3

GENERAL NOTES:

- A. THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS TO THE ACCURACY OF THE INFORMATION SHOWN HERE-IN. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
- 3. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGEABLE MATERIALS. THE CONTRACTOR SHALL DELIVER SALVAGED MATERIALS TO A WAREHOUSE AS DIRECTED BY THE OWNER. THE CONTRACTOR SHALL DISPOSE OF, OFF SITE, ALL UNWANTED MATERIALS.
- C. DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
- D. ACCESS CONTROL SYSTEM SCOPE OF WORK SHALL INCLUDE REPLACEMENT OF SYSTEM COMPUTERS, DOOR CONTROLLERS, POWER SUPPLIES, CARD READERS, CABLING, AND SOFTWARE. DOOR CONTACTS, REQUEST—TO—EXIT SENSORS, AND OTHER DEVICES MAY BE RE—USED AT CONTRACTOR'S OPTION.
- E. VIDEO SYSTEM SCOPE OF WORK INCLUDES REPLACEMENT OF VIDEO MANAGEMENT SOFTWARE, ARCHIVERS, MANAGEMENT SERVERS, CLIENT WORKSTATIONS, NETWORK SWITCHES, SOFTWARE, AND CAMERAS. CAMERA REPLACEMENT SHALL BE DIVIDED BETWEEN BASE BID AND ALTERNATES, SEE SCOPE OF WORK. CAMERA CABLING SHALL BE RE-USED UNLESS OTHERWISE NOTED.
- F. DOOR CONTROL/TOUCHSCREEN SYSTEM SCOPE OF WORK INCLUDES REPLACEMENT OF TOUCHSCREEN MONITORS IN DISPATCH AND CONTROL, TOUCHSCREEN MONITOR COMPUTERS, UPGRADE OF PLC SOFTWARE TO LATEST SUPPORTED VERSION, AND INTEGRATION WITH VIDEO SYSTEM FOR CAMERA CALL—UPS. INTENT IS FOR PLC, I/O MODULES, RELAYS, AND FIELD DEVICES TO BE RE—USED.
- G. INTERCOM SYSTEM SHALL REMAIN AS IS, WITH ALL POINTS REMAINING CONNECTED TO DOOR CONTROL/TOUCHSCREEN SYSTEM. CONTRACTOR SHALL VERIFY PROPER OPERATION OF ALL INTERCOM SYSTEM POINTS AFTER INSTALLATION OF NEW TOUCHSCREENS.
- H. FIELD DEVICES FOR ALL SYSTEMS ARE SHOWN ON SECURITY SYSTEM SHOP DRAWINGS OR IN DATA FILES FROM KPD. THESE WILL BE PROVIDED TO BIDDERS DURING THE RFP PROCESS. AREAS OF PARTICULAR INTEREST ARE NOTED ON THESE DRAWINGS, OTHERWISE THE INTENT IS ONE—FOR—ONE REPLACEMENT UNLESS OTHERWISE NOTED.

SHEET NOTES:

- 1. DOORS ARE PART OF THE TOUCHSCREEN CONTROL SYSTEM BUT ARE NOT FUNCTIONAL. TROUBLESHOOT AND REPAIR. CONTRACTOR SHALL INCLUDE 8 HOURS OF LABOR AND \$500 IN MATERIAL ON A T&M BASIS FOR EACH DOOR IDENTIFIED AS NON-FUNCTIONAL. AFTER AWARD, ACTUAL TIME AND MATERIAL COSTS SHALL BE TRACKED. ONCE TROUBLESHOOTING IS PERFORMED AND A REPAIR PROPOSED, COSTS SHALL BE NEGOTIATED AT THAT TIME IF EXCEEDING INITIAL BUDGET. REPAIRS LESS THAN INITIAL BUDGET SHALL RESULT IN CREDIT TO THE OWNER OR TOWARDS OTHER WORK ON THE PROJECT.
- 2. THIS DOOR INCLUDED AN INTERCOM STATION IN SECURITY SYSTEM RECORD DRAWINGS BUT NO INTERCOM WAS INSTALLED, NOR WILL ONE BE NEEDED.
- 3. LARGE MONITOR SHALL REMAIN FOR NEW VIDEO SYSTEM.
 TOUCHSCREEN CAN POPULATE MONITOR WITH MULTIPLE CAMERA
 VIEWS.
- 4. TOUCHSCREEN AND VIDEO SYSTEM CALL—UP MONITOR LOCATED HERE. NEW EQUIPMENT SHALL BE LOCATED AT THE SAME LOCATION.
- 5. INTERCOM AND VIDEO SYSTEM EQUIPMENT LOCATED HERE. REMOVE OLD VIDEO SYSTEM EQUIPMENT AND INSTALL NEW IN ITS PLACE.
- 6. CARD READER IS NOT FUNCTIONAL. AFTER SYSTEM REPLACEMENT, CONFIRM PROPER OPERATION. IF DOOR IS STILL NOT FUNCTIONAL AND REQUIRES REPAIR BEYOND ACCESS CONTROL SYSTEM, MODIFICATION WILL BE NEGOTIATED.
- 7. DOOR SHALL BE ADDED TO ACCESS CONTROL SYSTEM. PROVIDE ELECTRIFIED HARDWARE, CARD READER, CABLING, AND ALL COMPONENTS AND LABOR REQUIRED TO ADD TO SYSTEM. NOTE THAT DOORS IN THIS AREA TYPICALLY USE AN ELECTRIFIED MORTISE LOCKSET. PROVIDE LOCKSET AND ELECTRIC HINGE, DRILL DOOR FOR CABLING. IF MORTISE LOCKSET CANNOT BE INSTALLED, NOTIFY OWNER AND PROVIDE CREDIT TO USE ELECTRIC STRIKE.



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CHECKED BY: JAM

DATE: 4/29/2

DATE: 4/29/2022

JOB NUMBER: M1246

DWG FILE:

DRAWING TITLE:
WEST SIDE
SECURITY SYSTEM PLAN

SHEET: **E1.1**

SHEET NOTES:

- 1. DOORS ARE PART OF THE TOUCHSCREEN CONTROL SYSTEM BUT ARE NOT FUNCTIONAL. TROUBLESHOOT AND REPAIR. CONTRACTOR SHALL INCLUDE 8 HOURS OF LABOR AND \$500 IN MATERIAL ON A T&M BASIS FOR EACH DOOR IDENTIFIED AS NON-FUNCTIONAL. AFTER AWARD, ACTUAL TIME AND MATERIAL COSTS SHALL BE TRACKED. ONCE TROUBLESHOOTING IS PERFORMED AND A REPAIR PROPOSED, COSTS SHALL BE NEGOTIATED AT THAT TIME IF EXCEEDING INITIAL BUDGET. REPAIRS LESS THAN INITIAL BUDGET SHALL RESULT IN CREDIT TO THE OWNER OR TOWARDS OTHER WORK ON THE PROJECT.
- 2. CAMERA ORIGINALLY INSTALLED AT THIS LOCATION WAS RELOCATED TO A CELL TO REPLACE A BROKEN CAMERA. CAMERA WAS PART OF A PAIR FOR CORRIDOR COVERAGE LOOKING IN OPPOSITE DIRECTIONS. CABLING IS AVAILABLE FOR USE WITH A NEW CAMERA.
- 3. CAMERA ORIGINALLY INSTALLED AT THIS LOCATION WAS RELOCATED TO WALL NEXT TO RESTROOM 194. CABLING IS AVAILABLE FOR USE, BUT A NEW CAMERA WILL NOT BE REQUIRED IF REPLACEMENT AT NEW LOCATION CAN INCLUDE THIS AREA IN FIELD OF VIEW.
- 4. CARD READER IS NOT FUNCTIONAL. AFTER SYSTEM REPLACEMENT, CONFIRM PROPER OPERATION. IF DOOR IS STILL NOT FUNCTIONAL AND REQUIRES REPAIR BEYOND ACCESS CONTROL SYSTEM, MODIFICATION WILL BE NEGOTIATED.
- 5. LOCATION OF RELOCATED CAMERA PREVIOUSLY NEAR ENTRANCE TO ROOM. REPLACE AS PART OF BASE BID WITH MULTI-SENSOR OR WIDE VIEW CONFIGURATION TO INCLUDE VIEW OF ENTRANCE.
- 6. ACCESS CONTROL AND DOOR CONTROL EQUIPMENT LOCATED IN THIS ROOM. REPLACE SYSTEM COMPONENTS AS NOTED IN SCOPE OF WORK.
- 7. CAMERA AT THIS LOCATION IS NOT WORKING. REPLACE AS PART OF BASE BID. CONNECT TO EXISTING CABLING.
- 8. <u>BASE BID: ADD CLIENT WORKSTATION COMPUTER AND (2) 32" MONITORS IN BOOKING AS PART OF VIDEO SYSTEM WORK.</u>
 - ALTERNATE #1: ADD 2ND CLIENT WORKSTATION COMPUTER AND (2) MORE 32" MONITORS IN BOOKING.
- 9. TOUCHSCREEN AND VIDEO SYSTEM CALL—UP MONITOR LOCATED HERE. NEW EQUIPMENT SHALL BE LOCATED AT THE SAME LOCATION.

SINJMNJOO CHMENTS

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REVISIONS:

DRAWN BY: AB
CHECKED BY: JAM

JOB NUMBER: M1246

DWG FILE:

DRAWING TITLE:
EAST SIDE
SECURITY SYSTEM PLAN

E1.2

City of Kodiak – Police Department Security Upgrade Project

Bidder Question

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Answer Is there a defined page limit on the amount of information that can No page limit is defined be included in the proposal response? Confirm there are no existing network VLAN configurations between the Access Control, Video Management, Detention No known VLAN configuration though that would not preclude Control, and Intercom Systems. inclusion in project methodology approach if it is a The as-built IP scheme on SE-1.2 shows that there are three (3) recommended practice different IP ranges in use, but that doesn't necessarily mean the managed switches are configured with VLANs. Provide the quantity of card access credentials to be supplied and 281000.1.3 of Electrical Performance Specifications calls for 100 programmed if they need to be replaced due to card reader credentials availabilities and compatibility. Provide the number of security groups that are programmed into Assume 6 security groups. Admin, dispatch, control, City employees, approved outside, guests the existing access control system. Are there any changes to the security groups that are desired and See above for groups to provide not specified? Sheet note D of E1.1 suggests that the cabling for the access See Electrical Performance Specifications dated 4-29-22 which control system can be re-used. During the pre-bid conference it replace 3-9-22 set. Sheet Note D of E1.1 says that access control system scope of work shall include replacement of was discussed that the cabling is to be replaced. Confirm the scope cabling. of work specific to the card access cabling. Sheet note 7 on E1.2 suggests there is a failed camera on the East The camera that is not working is #39 shown on SE-1.1 of the Side of the facility, but there's no sheet note callout shown on the 1050812 Kodiak Police As-Builts, and is located at door 185b floor plan. Confirm this camera location is one that is identified by (the inner door of Vestibule 185a, plan southeast on Sheet E1.2 sequence number from the as-builts to be part of the base bid, and of Electrical Performance Specifications) not an alternate bid camera that needs to be included in the base bid. Camera general requirements discussion on the sheet specification section 5.1 suggests all cameras are requested to have IR illuminators, but only the cameras for Cells/Sallyports discussed under 5.2.2 for specific camera requirements have IR illuminators This is acceptable. mentioned. Some multi-sensor camera models that may be used for other applications may not be available with IR illuminators.

Confirm integral IR illuminators are only required in the

Cells/Sallyports. Camera specific requirements discuss integral microphone capability under both section 5.2.1 and 5.2.2. Based on the

discussion at the pre-bid conference, audio capable cameras were not an owner requirement. Confirm audio capable cameras are not required.

Would it be possible to extend the bid date until Monday June 20th so that a few extra days are available to address proposal changes that may be required as a result of the answers to the bidder inquiries?

What are acceptable system manufacturers to upgrade to?

Will JCSS reuse all the access control field devices, locks and cable?

Confirmed, integral microphones will not be required. If audio recording is desired in the future at specific locations, external microphones will be installed.

New proposal opening will be at 3pm on Thursday, June 23rd.

No specific manufacturers are excluded/included. Avigilon is basis of design for video, but any commercial systems meeting the requirements of the RFP are acceptable for consideration

See Electrical Performance Specifications. Specifically Sheet E1.1, General Note D has access control system scope of work.

		San Electrical Performance Specifications and 1050912 Kediak
13	Where are the Access Panels and Video Head End located?	See Electrical Performance Specifications and 1050812 Kodiak Police As-Builts for locations.
14	What are the NVR storage requirements? Frames Per Second, Days of Storage, Continuous or Motion based?	See Electrical Performance Specifications. 283200.B.2.2 has NVR requirements.
15	What are the camera types and specs requested for the upgrade?	See Electrical Performance Specifications, 282300.B.5. Yes, see Electrical Performance Specifications, 283200.B.4. for
16	Will JCI need to provide new Network Switches?	video. Access control system may use switches and server provided for video if preferred.
17	Will current equipment be removed by JCSS and just provided to your team for disposal, or will the contractor be responsible for recycling all removed hardware?	Owner has first right of refusal, all material not claimed by City of Kodiak shall be disposed of by contractor.
18	Does the current systems (PLC / access control) configuration allow doors with card readers to also be controlled from the current Touchscreen / PLC system?	Yes
18a	a. If yes, please explain the integration is it a hardwired or serial integration?	1050812 Kodiak Police As-Builts and Security Electronics O&M show I/O modules and access control system controllers wired together
19	In order to provide an upgrade to the current Citec GUI Software, can the tag count on each existing workstation be provided?	Workstations for touchscreen monitors are to be replaced as part of the project.
20	Can Alternate products/equipment be provided? a. Omron for PLC b. Aveva for GUI software	 a. PLC is not being replaced. b. GUI software will be considered, please provide information in proposal
21	Can a list be provided on who attended the mandatory pre-proposal meeting?	Will be Posted Online
22	On one of the documents provided (3-kpd_doors_and_cameras), it listed approximately 8 doors as not working, however, on another document (Kodiak CCTV and PACS electrical specs 6.6.22) it shows only two doors that are non-functional that are to carry \$500 in material on a T&M basis. Please provide more information on why the other 6 doors are not working and will a contractor carry the \$500 in material for these doors also?	The labor/material T&M cost is only for the two entry doors that are on the touchscreen but do not work. The other 6 doors that aren't functioning will be receiving new card readers/cabling as part of the project, so if they do not work after that, a modification to investigate and repair will be negotiated. It is not clear why those 6 are not working, but the readers/controllers that might be the issue will be replaced anyway. No additional labor/material shall be carried for them at this time.
23	Can Software House CCure 9000 be proposed for the PACS system?	This is acceptable.
24	Can ExacqVision be proposed for the CCTV VMS?	This is acceptable.
25	For the PACS system is there any particular card reader and/or credential requirements needed?	See Electrical Performance Specifications, Section 281000.
26	For exterior CCTV cameras is surge protection required? Due to RFI's being submitted 4 working day's prior to proposal date, and	This is good practice, please include in system.
27	the time it will take to respond by appropriate parties, can there be a Bid Extension of 2 weeks?	New proposal opening will be at 3pm on Thursday, June 23rd.
28	What is the lighting system currently installed?	As-builts indicate lighting circuits routed through contactors with local controls
29	Do we have drawing of the lighting system?	See Kodiak Police Station As Built in RFP docs
30	Is there a point list of the from the current PLC controllers?	Controlled points are indicated on 1050812 Kodiak Police As- Builts
31	Will the existing systems need to be operational while the change over is happening?	System outages are acceptable during cutover but must be scheduled a minimum of 48 hours in advance
32	Do the cameras need to be accessed through the touchscreen?	Yes, they currently are accessed through the touchscreen and will continue to operate this way
33	1. Sheet note 7 on E1.1 discussed adding the door to Interview 146 to the access control system. Please confirm this shall be part of the base bid.	Confirmed.
34	The questions below are related to the "All Doors" List provided as part of the bid.	
34a	a. The floor plans do not show a door going specifically into the EOC Room 113, but the list has a door labeled "113 Briefing EOC." Is this actually the reader shown at Door 112 on the drawings?	Yes

b. The list has a door labeled "135 A Corridor 135 to EOC Corridor (Exit)." Based on the drawings and the job walk, a reader does not exist on the Corridor 135 side of Door 135A, but instead a manual exitbutton is installed. Please confirm a reader is not required to go from Corridor 135 to Corridor 100, and that this door should function similar to the door that goes from Door 197 out to Waiting 198 on the Jail side. In other words, the manual exit buttonwill remain to ensure the forced open does not alarm, but no control is required to exit toward Corridor 100 from 135.

34h

34c

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37b

c. The list has a door named "196 Reader." Per the floor plans, this door appears to be an interview room. Does this reader exist, and is it to be replaced? Please confirm.

With respect to the video storage and licensing requirements for the alternate bid camera scope(s), is the extra storage and licensing that may be required for the Video software platform to be included as part of the bid alternate line items, or part of the base bid scope for the alt bid cameras? The video storage sheet specifications do not specify any additional spare storage for future growth. This is worth considering as part of a potential update to the base bid requirements, such that additional server hardware isn't required when more funding is made available for the alternate bid cameras down the road as a separate project.

Can the make/model of the existing access credential be identified for consideration of compatibility with new reader hardware?

In review of the existing systems, there are multiple doors that require a user to utilize their access credential to pass through the door in both directions. This configuration requires special consideration for life safety egress purposes. **Four parts to the question follow.**

a. Can the existing electronic lock hardware type on these doors be identified?

b. Is there an existing fire alarm system release connection to these doors?

37c c. Do these door locations have existing manual emergency exit push buttons from the secure side of the door?

d. Have any special considerations for these doors already been approved by the Authority Having Jurisdiction and these questions are not applicable?

This is correct

Yes, it exists and should be replaced

Provide storage for base bid cameras and existing cameras under base bid. Under alternate provide cameras and licensing. As storage is provided for existing cameras already, alternate cameras can be installed later and storage needs evaluated at that time.

Contractor to provide new credentials.

Typically electrified mortise locks per as-built details/schedules

See part d answer.

See part d answer.

These doors are typically found in the I-3 portion of the building where egress is controlled through constantly attended location and accepted emergency response plans. No change to these configurations is needed. Any necessary review by the AHJ will be coordinated by the Owner.