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May 16th. 2024
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Grass Valley Police Department

Condon Park Cameras

660 Minnie St, Grass Valley, CA 95945

K S Telecom, Inc. (KST) is offering a quote to provide and install (5) multisensor cameras, (2) dome cameras, (2) Appliances, (4) Wireless bridges, and licensing at Condon Park. All **KST** provided and installed cabling will be tested to standards with a Fluke Cable Analyzer.

Wireless bridges:

KST will provide and install wireless network bridges from the main building at Condon Park to the public pavilion. It is a possibility that the connection between the new wireless bridges may be intermittently or permanently disrupted due to the foliage. If this is the case the recommendation would be trenching between the main building at this site and the public pavilion. Trenching would dramatically increase the price of the project.

***KST recommends a trial run with 2 wireless bridges to test the connection prior to acceptance of this quote.**

Main building:

KST will provide and install (3) Avigilon 15MP 270° Multisensor cameras on the corners of the building. **KST** will provide and install (2) Wireless bridges on this building, (1) bridge will be aimed towards the restroom and (1) bridge will be aimed towards the public pavilion. **KST** will install (5) Cat 6 cables, (1) to each of the **KST** provided devices on this building from the existing IDF.

Restroom building:

KST will provide and install (1) 20MP 360° Multisensor camera on the front of the restroom. (1) **KST** provided wireless bridge will be installed and aimed towards the bridge on restroom 1 for network connectivity. **KST** will provide and install a total of (2) Cat 6 cables, (1) to each of the devices on this building from the custodial closet where a **KST** provided enclosure will be installed. Power to the **KST** provided enclosure will be completed by **KST**. **KST** assumes there is a circuit nearby that can be extended into the **KST** provided enclosure. If it is found that there is no circuit that can be extended, **KST** can complete additional work on a time and materials ticket or as a change order to this project. (1) Hardened POE network switch will be provided and installed by **KST** inside of the enclosure.

Public pavilion:

KST will provide and install (2) 6MP dome cameras inside of the public pavilion on opposing corners viewing the interior. (1) **KST** provided 15MP multisensor camera will be installed on the east side of the pavilion for an overall view of the parking area. **KST** will provide and install (1) wireless bridge on the Northeast corner of the building. **KST** will install a total of (4) Cat 6 cables, (1) from each device ran back to a **KST** provided enclosure. **KST** will provide and install (1) 12" x 12" x 6" outdoor rated enclosure inside of the pavilion out of reach of the public. Power to the **KST** provided enclosure will be completed by **KST**. It is assumed that there is a circuit nearby that can be extended into the **KST** provided enclosure. If there is not a nearby circuit that can be extended for the cameras, additional labor and materials can be provided on a time and materials ticket or as a change order to the project.

Network:

All network settings (IP Address, subnet mask, gateway, DNS server) will be provided by GVPD. **KST** will require (13) IP addresses for the **KST** installed devices.

Licensing:

KST will provide a total of (7) Avigilon Unity Enterprise Camera Channel Licenses for this project. **KST** will provide and install (7) Unity8 Smart Assurance License for the camera at this location. After the camera installation is completed, **KST** will connect the cameras to The **KST** provided appliances.

Appliance:

KST will provide and install (2) 24TB Avigilon Unity8 appliances in the main building. Cameras installed onsite will record directly to these appliances. Storage calculations have been estimated to provide approximately 30 days of video retention with a daily recording cycle of 12 hours with medium detail and high motion expectations. Cameras will be set to record on motion to achieve this retention period. The actual retention period may differ depending on activity in the area.

The price for this project as described above is: \$73,800.00

*Work is quoted to take place during normal business hours (M-F 7am-4pm)

**This quote expires 30-days from the date listed above.

Materials: \$34,697.20

License: \$1,906.80

Labor: \$34,145.00

Tax: \$3,036.00

10% Contingency: \$7,380.00

The total price for this project as described above is: \$81,180.00

GSA Contract: 47QRAA23D008Z

This Project Excludes:

1. Vape detectors. (cabling, licensing, set up, installation, accessories, etc.)
2. Electrical load calculations.
3. New electrical circuits.
4. Face recognition or License Plate Reader licensing.
5. Custom analytic events or rules within Avigilon client software
6. Workstations
7. ACM integrations
8. Email alerts.
9. Any active components (other than cameras and components stated in the above scope of work)
10. Switch configurations.
11. Configurations on active components not provided by **KST**.
12. UPS solutions
13. Fiber optic cabling.
14. Asbestos, lead paint, or other hazardous material related work.
15. Painting or patching of walls, conduits, boxes, etc.
16. All underground conduits, boring, repairs, etc.
17. Anything other than what is described above as this is how we understand the project based off the information provided.

Warranty Information

K S TELECOM, Inc. warrants all active components to be free of defects for a **period of 90 days** from the date of substantial completion. **KST** warrants all cabling and craftsmanship to be free from defects for a **period of 1-year** from the date of substantial completion. **KST** shall fix or replace, at its sole discretion, all defective materials and/or craftsmanship, at no charge to the customer, excluding damage because of negligence, abuse, misuse, and/or acts of God. Normal and customary service charges shall apply for the diagnosis of repair or non-warranted defects. Any changes to LAN/WAN configuration or programming after acceptance are the responsibility of the Customer.

Avigilon manufacturers *material only* warranty covers H5A & H6A cameras for a period of 5 years. The warranty period begins on the date of material shipment.

KST's DIR Registration # 1000000120

Contractor License # 790922 (C-7) Expires 2-28-25

Please call or email if you have any questions.

Sincerely,



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