

POWERCOMM SOLUTIONS

Linking People, Power & Information

Northern Nevada's Full Service Electronic Systems Contractor

INDUSTRIAL • COMMERCIAL • RESIDENTIAL

PROPOSAL RV4

Date: 8/28/17

Job Name: SPD – Security Upgrade, Access Software

<p>Proposal Submitted To:</p> <p>Sparks Police Department Attn: Matt Dryden</p>	<p>Work To Be Performed At:</p> <p>Sparks Police Department 1701 E. Prater Way Sparks, NV 89434</p>
---	---

WORK SCOPE	AMOUNT
<p><u>SPARKS POLICE DEPARTMENT: SECURITY SYSTEM SERVICES – ACCESS CONTROL & ALARM MONITORING SYSTEM (ACAMS) CONVERSION/UPGRADE</u></p> <p>This document represents PowerComm Solutions (PCS) Proposal to engineer, design, provide, install, configure, and test, specified software and associated control equipment necessary to convert existing Access Control and Alarm Monitoring System (ACAMS) to a Genetec Synergis ACAMS, as specified by Sparks Police Department (SPD) representative Matt Dryden.</p> <p><u>PROJECT ASSUMPTIONS-CONDITIONS AGREED TO BY POWERCOMM & SPD:</u></p> <ul style="list-style-type: none"> ❖ PCS will install the subject Genetec ACAMS onto a virtual server running Windows Server 2012 R2/2016 supplied by SPD. ❖ The Genetec Application will include an Active Directory Users and Cardholders integration license and Plan Manager Standard for 100 entities integration license. ❖ (26) doors with access control hardware, (2) vehicle gates, (7) Duress buttons, (6) Remote Release buttons, and (4) Temp/Door monitoring points will be integrated into Genetec Security Center with Mapping of the full campus and live views of all points and cameras. ❖ 2N IP Force Video Intercom Stations will be configured at (2) vehicle gates by PCS. (6) Grandstream GXV3275 IP Phones at dispatch desks will be programmed to receive the video stream from intercoms. Video will be recorded within Genetec VMS. A PoE switch with network connectivity will be provided and configured by SPD. ❖ An Asbestos survey by the SPD has been conducted with final results prior to work commencing at site. Any work (cut-ins, penetrations, etc.) requiring asbestos abatement and/or related services will be provided by SPD. ❖ The existing doors/gates to be/that are equipped with access control hardware must be in good operating condition. SPD's Door Contractor/Maintenance Team will correct any issues with door/gate operations not associated with new electrified access control hardware. ❖ A walkthrough has been conducted with SPD representative Matt Dryden to identify existing door hardware that is to be replaced and hardware to be reused. All existing equipment and associated infrastructure to remain and required to support proposed project is in good operating condition. Proposal does not include replacement of any existing equipment and/or related infrastructure that was not specified during walkthrough. ❖ Newly added access control doors will have wire provided and installed by SPD/others. ❖ Facility must have acceptable network connectivity between Genetec base server, each Integrated System Controller, Intercom stations/monitors, and Client Workstations. ❖ This proposal does not include any wiring of field side hardware or the devices themselves. ❖ The Sparks PD/Electrical Contractor will provide all AC power circuitry, required outlets, and all associated AC power conduit pathways necessary to support proposed Security Systems. 	<p style="text-align: center;">\$ 43,306.00</p>

PROJECT ASSUMPTIONS AGREED TO BY POWERCOMM & SPD: (CONTINUED)

- ❖ Wireless IP communication has been established to both gates by another contractor. Hardened PoE switch (Comnet CNGE2FE4SMSPOE) will be installed into each of two gate enclosures to power the IP video intercom, as well as, the existing gate overview cameras.
- ❖ All supporting computer and/or network equipment, other than those items noted in proposal for PCS to provide, will be provided and configured by SPD/others.
- ❖ AC Power supporting proposed systems will be provided for from facility wide UPS/Standby Generation - Surge protected Outlets and/or Units. These facilities will be provided for by the SPD/Electrical Contractor. PCS to provide short term battery backup for the ACAMS DC Power Supplies only.
- ❖ Any required Fire or Security Watch when systems are offline will be provided by SPD.
- ❖ Any required Door certification/re-certifications and labeling will be provided by SPD.
- ❖ All Access Cards, Badge Printers, and Badging Accessories will be provided and installed by others, if required.
- ❖ New Access Levels, Access Level Assignments and added Card Holders must be entered in to the Genetec System Database by SPD's IT/HR Team prior to bringing new equipment online. PCS will provide the appropriate training.
- ❖ A naming convention for all devices and equipment, and IP addresses will be provided by SPD.
- ❖ PowerComm will be granted access to all applicable areas of facility required for system install and system testing on an as needed basis.
- ❖ Work can be performed during normal PCS working hours.

POWERCOMM SOLUTIONS PROJECT RESPONSIBILITIES

ACCESS CONTROL & ALARM MONITORING SYSTEM (ACAMS):

- ❖ Design and Engineer a complete system as specified, prepare and provide Construction and As-Built Drawings based on most current SPD drawings, and provide closeout documents as necessary.
- ❖ Provide and install Application Software & Licensing as follows: (1) Genetec Security Center 5.6, (1) Genetec Synergis Professional Access Control License, (28) Genetec Synergis Professional Reader Licenses, (1) Genetec Active Directory Connection License, (1) Genetec Plan Manager Standard for up to 100 entities, (28) 1 year Genetec Advantage Reader Software Support, (2) Omnicast Standard camera connection licenses.
- ❖ Perform all necessary programming to provide for a fully functional Genetec ACAMS with Active Directory Integration and an intuitive graphical user interface utilizing facility floor plan maps. All Computer/Monitoring Equipment for application will be provided by the SPD.
- ❖ Install Genetec Security Center onto (1) client workstation provided by SPD and instruct IT department on proper install/configuration procedures for additional workstations.
- ❖ Provide and install all Genetec ACAMS Control Equipment as follows: (2) Intelligent System Controllers (SY-EP1502) and (13) Dual Reader Interface Modules. Control equipment to be installed in existing equipment enclosure(s).
- ❖ Configure (7) HUB-M panic buttons to report to Genetec ACAMS and display the active panic button on a map.
- ❖ Configure (6) Remote Release Buttons for opening of door with the push of a button.
- ❖ Configure temperature monitoring device into the server room and configure for notification in Genetec ACAMS if the temperature rises above the specified threshold.

POWERCOMM SOLUTIONS PROJECT RESPONSIBILITIES (CONTINUED)

ACCESS CONTROL & ALARM MONITORING SYSTEM (ACAMS): (CONTINUED)

- ❖ Setup Device Tree, Configure Access Control Equipment, and ensure proper communications.
- ❖ Prepare and deploy an ACAMS programming matrix.
- ❖ Prepare and provide construction and as-built drawings. SPD will be required to provide AutoCAD based floor plan drawings.
- ❖ Provide Customer Orientation and Training (2 hours).
- ❖ Test and Commission Security Systems with applicable SPD Representative.
- ❖ Additional installation of field side hardware and wiring must be completed by SPD/others prior to Genetec conversion.

SPD PROJECT RESPONSIBILITIES:

- ❖ Provide PowerComm with naming convention for security field devices and equipment.
- ❖ Provide any necessary Security/Fire Watch while systems are offline.
- ❖ Configure new Cardholders, Access Levels and Time Zones and assign Access Levels to new access controlled doors. Training provided by PCS.
- ❖ Provide for AC power (backed up and protected) necessary to serve Security System Equipment as required.
- ❖ Provide all computer and networking equipment not specified in subject proposal for PCS to provide.
- ❖ Provide network connectivity as required.
- ❖ Provide any required asbestos inspections, reports, abatements and/or cut-ins as necessary to complete proposed work scope.
- ❖ Provide Door Hardware Contractor for doors needing any corrective services or modifications.
- ❖ Ensure all access control door hardware and associated cable get installed and terminated. Work scope to be provided by others.
- ❖ Provide for fire Alarm Interface as required.
- ❖ Door Re-certification and Labeling.
- ❖ Provide Lock Sets/ Key Way Cores as necessary.
- ❖ Provide appropriate representative(s) for testing and commissioning.

The above bid price excludes: ac power and associated infrastructure, device wiring, door hardware, field side equipment, computer and/or network equipment other than that noted in proposal for PCS to provide, network connectivity, building UPS's, PDU's, auto operator interfaces, door modifications, door certifications/recertification's, overtime hours, security/fire watch, bonds, other items noted above, and owner generated changes outside the scope of work.

Thank you for the opportunity to provide our services to your organization. If you have any questions concerning this Proposal please call

Best Regards,

Dustin Stofa
PowerComm Solutions, Inc

Terms and Conditions:

1. PowerComm Solutions, Inc. reserves the right to correct this quote for errors and omissions.
2. This quote covers direct costs only and PowerComm Solutions, Inc. reserves the right to claim for impact and consequential costs.
3. This price is good for acceptance within 10 working days from the date of this receipt.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. PowerComm Solutions, Inc. is authorized to do the work as specified. Payment will be made as outlined above.

Date: _____ PO# _____ Signature: _____