



**FOR
INTERNAL
SimplexGrinnell Quotation
USE ONLY**

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TO:
Fort Bend County Juvenile Det
122 Golfview
RICHMOND, TX 77469-0000

Project: Fort Bend 4 Area Option
Customer Reference:
SimplexGrinnell Reference: 430452551
Date: 03/06/2018
Page 1 of 8

Items cited on this quote are products and services on the SimplexGrinnell NJPA contract
031517

SimplexGrinnell is pleased to offer for your consideration this quotation for the above project.

Detention

QTY	MODEL NUMBER	DESCRIPTION	UNIT PRICE	EXT. PRICE
Operator Work Stations III				
Operator Work Stations III				
1	2401LM	Touch Monitor - Main CNTRL	1,495.23	1,495.23
1	OPAC	POP320L	685.59	685.59
1	OPAC	VPN UNIT VENDOR#B70234	1,723.76	1,723.76
1	220L	Call-Up Monitor - Main CNTRL	457.06	457.06
3	DPDE	Touch Screen UnitCNTRL RMS	1,110.00	3,330.00
5	VESA Mount	Monitor VESA Bracket	97.94	489.70
5	45-241-026	Ergotron mounting arm SNGL	228.53	1,142.65
4	Dell WS CPU 2	Work Station CPU-DUAL MON CRD	2,011.05	8,044.20
1	OMSGY-32520-RT	Indusoft RT Only SG 32K tag	4,263.52	4,263.52
3	DPCCVE	Indusoft RT 1.5 Tag	1,501.76	4,505.28
4	OM-USB-HK-RT	Indusoft USB Hardkey DEV/RT	124.06	496.24
PLC Equipment III				
1	PLC MAIN	PLC Equip MAIN CNTRL RM	14,887.01	14,887.01
4	Surge PLC	Surge Protection PLC	19.59	78.36
1	DPIM	UNIT A CNTRL RM	10,349.09	10,349.09
1	DPFA	UNIT B CONTROL RM	10,349.09	10,349.09
1	DPBA	UNIT C CNTRL RM	8,063.80	8,063.80
4	DPAC	Hoffman Box	479.26	1,917.04
4	DPCCVE	Hoffamn BOx Plate	84.88	339.52
4	Lot 1	Misc Enclosure Material PLC	32.65	130.60
4	SMT2200	APC Smart-UPS 2200VA LCD 120V	893.22	3,572.88
1	2891152	5 Port Managed Switch	108.60	108.60
1	2832632	8 Port Managed Switch	657.07	657.07
1	DPDE	SYSTEM INTEGRATION	23,505.80	23,505.80

THIS QUOTATION AND ANY RESULTING CONTRACT SHALL BE SUBJECT TO THE GENERAL TERMS AND CONDITIONS ATTACHED HERETO.

Fire, Security, Communications, Sales & Service
Offices & Representatives in Principal Cities throughout North America



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 Page 2 of 8

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QTY	MODEL NUMBER	DESCRIPTION	UNIT PRICE	EXT. PRICE
Intercom Equipment III				
1	Harding Int	Harding Intercom Equip	19,321.59	19,321.59
6	EL-PLP42S	DATALINEPROTECTION33VPK	75.04	450.24
1	Harding Ship	Harding shipping Charge	124.06	124.06
1	INT Plate	Intercom Equip Plate	45.71	45.71
CJOC Services III				
120	DSGN LAB	CJOC DESIGN LABOR	111.00	13,320.00
200	TECH LAB	CJOC TECHNICAL LABOR	111.00	22,200.00
56	COMM LAB	CJOC COMMISSIONING LABOR	111.00	6,216.00
1	DPDE	CJOC TRAVEL	7,867.91	7,867.91
District Labor				
360	TECH LAB	TECHNICAL LABOR	111.00	39,960.00
80	PM LAB	PROJECT/CONSTRUCTION MGMT	117.53	9,402.40

Net selling price for Detention, \$219,500.00

Total net selling price, \$219,500.00

Pricing Schedule: National Joint Powers Alliance

Comments

Contact Information:

Kevin James

Sales Rep

Cell: 281-793-3757

Kevin.james@jci.com

Customer Name: Fort Bend Juvenile

Site Address: Golf View

Bid Date: Feb 2018

The equipment that is currently installed is non-working, non-integrated or obsolete. From inspecting the current systems installed and discussions with Fort Bend County Juvenile Detention Center (FBCJDC) personnel, it is clear to SimplexGrinnell that the FBCJDC requires the following systems to be replaced and integrated:

- Four (4) Graphic Control Panels to - Touch Screen Work Stations
- Hardwired Door Control to - Non-Proprietary PLC Controller System
- Analogue Intercom System to - Non-Proprietary Digital Intercom System

FOR
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SimplexGrinnell Quotation
Comments (continued)

- Integration programming to current Exaqa Camera System (Main Control Room Only)
SimplexGrinnell will provide **non-proprietary** Head-End Equipment for the systems named above and utilize the existing peripherals (*see NOTE #1*) and field wiring that is located throughout the facility.

NOTE #1: a peripheral device is described as the following, but not limited to:

- Door Lock / Door Position Switch / Door Power Supplies
 - Intercom Stations
1. Touch Screen Work Stations (TSWS's) to replace current Graphic Control Panels:
 - a. Will provide a TSWS in the Control Room where current graphic control panel is located
 - b. Touch Monitor provided will be of the desktop style with a flexible mount to achieve an angle suitable for the operator(s). The mouse or touch option can be used simultaneously
 2. Programmable Logic Controller to replace current hardwired door system
 - a. Will install new equipment in a new metal cabinet under countertop
 - b. Will re-use existing devices and field wiring
 - c. Will provide PLC equipment (input-output modules) / programming for all existing points currently controlled and or monitored
 3. Analogue Intercom System to replace current system
 - a. Will install new equipment in existing metal cabinet
 - b. Will provide a Gooseneck Microphone next to each TSWS
 - c. Existing field devices will be re-used
 4. Provide a one (1) year warranty for all new equipment
 5. Provide training for FBCJDC personnel
 6. Provide onsite operator and additional maintenance training for FBCJDC personnel once all equipment has been installed and commissioned
 7. Provide timely response in the event the system is down (within 3-5 hours) for any service requirements from our local District
 8. SimplexGrinnell technicians and a FBCJDC facilities representative will certify all working/non-working peripherals prior to any commencement of work. If peripheral device(s) are found non-working, SimplexGrinnell will provide a price for parts / labor to replace. If a device's wiring is found broken, SimplexGrinnell will also provide pricing to replace. A detailed list of defective peripherals/wiring will be provided to facility management so the facility can make decisions if they'll require SimplexGrinnell to provide pricing for labor and parts.

2. Equipment being Provided / Systems Riser

FOR
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SimplexGrinnell Quotation
Comments (continued)

1. TOUCH SCREEN SYSTEM

- a. One (1) - **ELO** Twenty-Four (24) inch Touch Monitor in **Main Control**
- b. One (1) - **Dell** Thirty Two (32) Inch Monitor for camera call-up in **Main Control**
 - 1. **Please note riser says 24 inch but this will be a 32 inch monitor**
 - 2. **See Addendum A for Main Control Room Riser**
- c. Three (3) - **ELO** Nineteen (19) inch Touch Monitor in each **Unit Control** Room
- d. Four (4) - **Dell** OptiPlex Computer (Main Control will have a dual monitor card)
- e. Four (4) - **Indusoft** GUI Software Licenses

2. PROGRAMMABLE LOGIC CONTROLLER

- a. Four (4) - **Omron CS1** PLC controller with Omron supporting equipment (Power Supply / Input-Output / Network Modules)
- b. Four (4) - **Hoffman** security enclosures
- c. Four (4) - **Phoenix** Network Switches to connect all systems

3. ELECTRONIC RELAY SYSTEM

- a. Lot - **Phoenix** Relays and fuses as needed

4. INTERCOMMUNICATIONS SYSTEM

- a. One (1) - **Harding DXL** Digital Intercom System
- b. Four (4) - **Harding** VoIP Gooseneck Microphone / Speaker Combination Masters

5. UNINTERRUPTABLE POWER SUPPLIES

- a. Four (4) - **APC** Uninterruptable Power Supplies (approx.. 15 minute runtime)

SimplexGrinnell will conduct the following steps to install the new systems:

- 1. Conduct a 100% existing device test as detailed in section # 1
- 2. Install new network wiring to link all control rooms and intercom room
- 3. Conduct TSWS Review Meeting for approval of Screen(s) / Icon(s) Functionalities
- 4. After approvals of the TSWS Screen/Icon Screens, SimplexGrinnell will order the equipment
 - a. Due to potential changes in screen/icon operations, downstream equipment may change slightly therefore it is imperative that this step is coordinated as soon as possible to order equipment and to meet schedule.
- 5. Receive equipment in to our Criminal justice Operations Center
- 6. Build / Fabricate & Program integrated systems
- 7. In-House PRE-TEST of integrated systems

FOR
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Comments (continued)

8. Pack equipment up and deliver to facility for installation

Time Line

1. It is anticipated that SimplexGrinnell can complete this upgrade from the Notice to Proceed (signing of contract) to the 100% new system(s) test within a 3-5 month time period.
2. SimplexGrinnell anticipates that when we arrive on-site with all new equipment and the existing device test has been completed we can convert all systems, commission and train within a **FOUR (4)** weeks' time frame.
3. Once SimplexGrinnell arrives on-site, Jail operations for the area we are converting will need to operate the facility under keys / radios

Expectations

1. SimplexGrinnell requests the following from FBCJDC to complete this project:
 - a. A class room setting to review all policy & procedure course highlighting all security measures, which will include but not limited to:
 - i. Entry / Exit protocol
 - ii. Complete FBCJDC rules to adhere to
 - iii. Tool Inventory Protocol
 - iv. Pre-Screening paperwork prior to workers being on-site
 - b. A FBCJDC facilities staff member who will shut down all live electrical systems, and/or show SimplexGrinnell's personnel where the power boxes for these systems are located so that they may be shut down, locked out and tagged out prior to installation.
 - c. Possible locked area / room to keep tools in overnight

Proposal Cost

SimplexGrinnell is pleased to provide this Security Upgrade Proposal to the Fort Bend County Juvenile Detention Center, if you require additional information please do not hesitate to contact SimplexGrinnell.

The total cost for this Security Upgrade is:

\$219,500.00

Two hundred nineteen thousand and five hundred dollars