

## Base System Design and Layout

- **Access Control System**
  - 1 E-IDC Door Control Modules
  - 1 Reader Controlled Doors
    - Each door to receive 2 ProxPro card readers
    - Each door to receive new electric strike equipment
    - Each door to receive door status switch
    - Each door to receive REX motion device
  
- **CCTV System**
  - 1 16 Channel Digital Recorder
    - 250GB of internal storage
    - Built-in network card
    - Built-in CD/RW
  - 7 Existing Fixed Cameras to be Incorporated
  - 9 Exterior Fixed Color Cameras
    - Each with exterior housing
    - Each with exterior mount
  - 2 Power Supplies

**Total Project Pricing**

**\$ 21,352.00/plus tax**

### Clarifications

- TAC's deliverable will be in compliance with the agreed upon system design. The deliverables for this project will include the design, engineering, programming, instrumentation, documentation, permitting and installation of all associated materials to complete the system.
- Design, installation and testing will be performed and supervised directly by TAC.
- TAC's warranty is limited to those items provided and installed by TAC under this agreement. This warranty does not cover any existing items that will be re-used. Any existing and defective equipment will be brought to the customer's attention prior to final system commissioning.
- Cutting, patching, and painting by others.
- All work to be performed during normal working hours (7am – 5pm M-F). Cleanup of TAC work is included.
- TAC's price is based upon a direct purchase and not a monthly lease.
- TAC will utilize the existing conduit connections from the device locations back into the building.

## 7.0 TAC Project Details

The following information is based upon the current TAC TCPN contract schedule. N TAC's TCPN contract number is R4788.

| Part Number      | Description   | Unit Price | Qty | Total             |
|------------------|---|------------|-----|-------------------|
| 3980-00250       | DVXi XM – 16 Channel, 250 GB  | \$4,637.60 | 1   | \$4,637.6         |
| POC254L2         | Panasonic Outdoor Color Camera Package - POC254L2   | \$703.72   | 9   | \$6,333.4         |
| AX-R2416UL       | 24VQC Rack Mounted Power Supply - 16 Channels   | \$391.68   | 1   | \$391.6           |
| S-EIDC-KIT-0001W | eIDC 1 Wiegand Door Kit   | \$710.60   | 1   | \$710.6           |
| 5365E1P00        | MINIPROX, 5.1-16 VDC, DESIGNER BLACK, 4-5.5" RANGE, INDOOR/OUTDOOR, 18" PIGTAIL             | \$138.54   | 1   | \$138.5           |
| Misc             | Door Sensor Switch  | \$5.00     | 1   | \$5.0             |
| 180ABV           | SDC Electric Strike 180ABV  | \$153.68   | 1   | \$153.6           |
| 4320nu           | Egress REX Device 4320NU  | \$62.21    | 1   | \$62.2            |
| DVT-WS-19MON     | 19" Ultra Sharp Flat Panel with Height Adjustable Stand                                     | \$442.82   | 1   | \$442.8           |
| Install Labor    | Installation and Wiring   | \$4,355.00 | 1   | \$4,355.0         |
| Install Labor    | Project Management  | \$90.00    | 16  | \$1,440.0         |
| Install Labor    | Documentation & Submittals - CAD Engineer   | \$45.00    | 4   | \$180.0           |
| Install Labor    | Senior Software Engineer - Sr. Project Engineer   | \$71.00    | 12  | \$852.0           |
| Install Labor    | System Hardware Engineer  | \$45.00    | 9   | \$405.0           |
| Install Labor    | System Technician   | \$55.00    | 19  | \$1,045.0         |
| Misc             | Travel Expenses   | \$300.00   | 1   | \$300.0           |
|                  | <b>Sub Total</b>  |            |     | <b>\$21,452.6</b> |
|                  | <b>Bonds</b>  |            |     | <b>\$125.0</b>    |
|                  | <b>Total Project</b>  |            |     | <b>\$21,577.6</b> |
|                  | <b>Optional Item</b>  |            |     |                   |
| 3982-00250       | Increased video input capacity. This is the delta between the 3980-00250 and the 3985-00250 | \$748.00   | 1   | \$748.0           |

**TAC's TCPN contract number is R4788. All items listed above are available through this contract.**

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# Technical Proposal & Approach

Project  
Hidalgo County  
Edinburg, Texas

Scope:  
Security Retrofit Project  
Hidalgo Sally Port



Submitted By:  
TAC  
Systems Integration Group

Date:  
August 1, 2007

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## 1.0 Introduction

TAC would like to express our appreciation for the opportunity to present the following proposal to expand the counties security platform to cover the Sally Port facility at the Court House. We at TAC bring comprehensive knowledge and installation expertise of the security industry. Our experience permits TAC to add value in facilitating and coordinating with various aspects of the construction phase to ensure the clients goals and the systems design needs are met.

It is important that the scope of work and its schedule be communicated and implemented; particularly at the time when the design is being completed and the implementation begins to ensure all aspects of the system are started and completed as intended.

## 2.0 Technical Narrative

The installation of the security system will include the needed equipment to monitor and control (1) reader controlled door with dual readers, (8) new fixed color cameras, and (8) existing fixed cameras to be incorporated into the system. The installation process will add proximity card readers with an electric lock and alarm status switch to the identified door. It is the intent of TAC to provide a fully operational system including all related hardware, software, and installation. TAC will also provide full training of Hidalgo County staff on the operation and maintenance of the system. The scope of work for this project is based upon our site review as well as meetings, conversations and demonstrations with Hidalgo County. TAC has made provisions to easily expand into other areas of the building or new areas as you continue to grow. The Access Control portion of the project will be a full turnkey system including with all needed equipment and materials.

It is the intent of TAC to connect the digital recorder to the counties network so the data captured at the site can be transferred to the main TB storage array located at the new Administration facility.

- IP based and software centric
- Fully compatible with the video management system
- Cost effective
- Dependability
- Remote programming capabilities

## 5.0 Exclusions

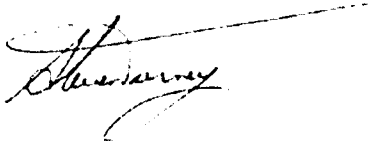
TAC has excluded the following items from our scope of work. These items are being excluded because we believe other construction trades will already be performing these functions and can perform these tasks in a more effective manor than TAC.

1. Primary AC Power
2. PC Workstation
2. Conduit
3. POE network equipment for power to doors
4. Fire alarm interface if needed

## 6.0 Conclusion

TAC would like to thank you for the opportunity to help with the design phase of the buildings security systems and we look forward to the implementation phase of the project. Our ultimate goal is to act as your representative during the installation phase of the project to ensure that the goals of the project are met.

Sincerely,



Steven Turney  
Security Business Leader  
TAC