

**CITY OF EL PASO, TEXAS  
AGENDA ITEM  
DEPARTMENT HEAD'S SUMMARY FORM**

**DEPARTMENT:** Engineering and Construction Management

**AGENDA DATE:** December 18, 2012

**CONTACT PERSON NAME AND PHONE NUMBER:** Irene D. Ramirez, P.E., Interim City Engineer (X4428)

**DISTRICT(S) AFFECTED:** All

**SUBJECT:**

That the City Manager be authorized to sign the Second Amendment to the Agreement for Professional Services by and between the CITY OF EL PASO and FEDERAL ENGINEERING, INC., a Maryland Corporation, for a project known as "EL PASO METROPOLITAN STATISTICAL AREA COMMUNICATIONS SYSTEM" to add additional services for consulting and technical support during procurement and implementation of a new VHF P-25 radio system for the Sheriff's Office, in the amount of One Hundred Fifty-One Thousand 00/00 Dollars (\$151,000.00), (which additional amount will be fully reimbursed by the County of El Paso, Texas), thereby extending the contract amount from Four Hundred Fifty Eight Thousand Eight Hundred Dollars and 55/00 (\$458,800.55) to Six Hundred Nine Thousand Eight Hundred 55/00 Dollars (\$609,800.55).

**BACKGROUND / DISCUSSION:**

To be in compliance with a federal initiative, as adopted by the State of Texas, the City of El Paso and the El Paso County Sheriff's Office have conducted an evaluation and assessment of the existing public safety communications systems for the installation of Project 25 (P25) public interoperable public safety communication system. P25 is an industry standard for digital mobile public safety radio systems. The City has previously extended its contract with Federal Engineering for project management and procurement services. This amendment extends the contract with Federal Engineering to provide the same services for the El Paso County Sheriff's Office. The County will reimburse all costs for the second amendment to Federal Engineering's contract.

Since the City's and County's public safety radio system will share many of the same facilities and some of the same equipment, it is important to have continuity in the implementation schedule and the professional service team providing project management and procurement support.

The City's procurement of the professional engineering services has been reviewed by the County Attorney's Office to assure that it was conducted in a manner to support this piggy-backing of the County on the City's contract with Federal Engineering.

**PRIOR COUNCIL ACTION:**

The original agreement for professional engineering services was entered into on August 9, 2011. The first amendment was entered into on May 22, 2012. The first amendment extended the evaluation of the Fire Department's communication system and the Sheriff's Office and added procurement and project management for the City Police Department's installation of the new system. This second amendment adds procurement and project management for the Sheriff's installation of the new system.

**AMOUNT AND SOURCE OF FUNDING:**

The City and County will simultaneously enter into an Interlocal Agreement wherein the County will fully reimburse the City for the costs associated with consulting services for the Sheriff added by the second amendment.

**BOARD / COMMISSION ACTION:** N/A

**DEPARTMENT HEAD:** \_\_\_\_\_

*Irene D. Ramirez*

## RESOLUTION

### BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

That the City Manager be authorized to sign the Second Amendment to the Agreement for Professional Services by and between the City of El Paso and Federal Engineering, Inc., a Maryland Corporation, for a project known as "El Paso Statistical Area Communications System", to add additional services for consulting and technical support during procurement and implementation of a new VHF P-25 radio system for the Sheriff's Office, in the amount of One Hundred Fifty One Thousand and 00/00 Dollars (\$151,000.00), (which additional amount shall be fully reimbursed by the County of El Paso, Texas), thereby extending the contract amount from Four Hundred Fifty Eight Thousand Eight Hundred and 55/00 Dollars (\$458,800.55) to Six Hundred Nine Thousand Eight Hundred and 55/00 Dollars (\$609,800.55).

ADOPTED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 201\_\_.

CITY OF EL PASO:

\_\_\_\_\_  
John F. Cook,  
Mayor

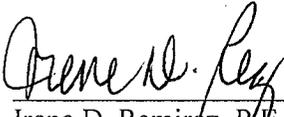
ATTEST:

\_\_\_\_\_  
Richarda Duffy Momsen,  
City Clerk

APPROVED AS TO FORM:

  
\_\_\_\_\_  
Cynthia Osborn  
Assistant City Attorney

APPROVED AS TO CONTENT:

  
\_\_\_\_\_  
Irene D. Ramirez, P.E.  
Interim City Engineer

THE STATE OF TEXAS )  
 )  
COUNTY OF EL PASO )

SECOND AMENDMENT  
AGREEMENT  
FOR PROFESSIONAL SERVICES

This Second Amendment to that certain Agreement for Professional Services is made this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_\_\_, by and between the City of El Paso, a Texas municipal corporation (the "*Owner*"), and Federal Engineering, Inc., a Maryland Corporation (the "*Consultant*").

**WHEREAS**, on August 9, 2011, the Owner entered into an Agreement for Professional Services (the "*Agreement*") with the Consultant for a Project known as "**EL PASO STATISTICAL AREA COMMUNICATIONS SYSTEM**" (the "*Project*") for the evaluation of the City's existing and proposed Motorola systems and provision of recommendations for future phases of the El Paso Metropolitan Statistical Area Communications System ("**EPMSACS**"); and

**WHEREAS**, the Agreement was for an amount not to exceed \$200,000.00 plus travel and other expenses to be reimbursed at costs; and

**WHEREAS**, the Agreement may be amended under the provisions of Section 3.2 and Attachment "C"; and

**WHEREAS**, on May 22, 2012, the parties entered into a First Amendment to the Agreement to limit the Consultant's travel and other expenses to \$11,540.55, and to add additional services for radio system consulting support during the procurement and implementation phases of the radio system, on-call technical support, evaluation of an automated dispatch and fire station alerting system and evaluation of the Sheriff Department's existing system, thereby extending the contract amount from \$200,000.00 to \$458,800.55; and

**WHEREAS**, the parties hereto desire to further amend the Agreement to add additional professional services for radio system consulting support during the procurement and implementation phases of the radio system, on-call technical support, development of the County Sheriff's portion of the El Paso Metropolitan Area Communications System (EPMSACS) of the interoperable radio system, in an amount of \$134,500.00 plus an increase for reimbursable expenses in an amount not to exceed \$16,500.00, for a total additional cost of \$151,000.00, thereby extending the total contract amount from \$458,800.55 to \$609,800.55; and

**WHEREAS**, by separate Interlocal Agreement signed concurrently herewith, El Paso County will reimburse the Owner for the additional \$151,000.00 for which the City is contracting herein, to the extent that said amount is actually expended by the City.

**NOW THEREFORE**, in consideration of the mutual promises set forth in this Amendment and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. **Scope of Services.** The Owner hereby authorizes the Consultant to continue to perform the Services as described in Attachment "A" of the Agreement and the First Amendment to the Agreement as well as perform the additional services as further described in Attachment "A" to this Second Amendment.
2. **Payments to Consultant.** Payment to the Consultant shall be made pursuant to the schedule enumerated within Attachment "C" of the Agreement. Payment to the Consultant for the expenses and additional services the subject of this Second Amendment shall not exceed One Fifty One Thousand and 00/00 Dollars (\$151,000.00).
3. **Time of Completion.** The additional services the subject of this Second Amendment shall be completed within the project schedule set forth in the Scope of Services described in Attachment "A" to this Second Amendment, following the County's written Notice to Proceed to the Consultant.
4. **Terms and Conditions.** All terms and conditions of the Agreement and all subsequent Amendments thereto, except as herein revised, shall remain in full force and effect.

**WITNESS THE FOLOWING SIGANTURES AND SEALS:**

**THE CITY OF EL PASO**

\_\_\_\_\_  
 Joyce A. Wilson  
 City Manager

**CONSULTANT  
 FEDERAL ENGINEERING, INC.**

\_\_\_\_\_  
 By: Ronald F. Bosco,  
 Title: President

APPROVED AS TO FORM:

  
 \_\_\_\_\_  
 Cynthia Osborn  
 Assistant City Attorney

APPROVED AS TO CONTENT:

  
 \_\_\_\_\_  
 Irene D. Ramirez, P.E.  
 Interim City Engineer

**(Acknowledgements on following page)**

**ACKNOWLEDGEMENT**

**THE STATE OF TEXAS** §  
§  
**COUNTY OF EL PASO** §

This instrument was acknowledged before me on this \_\_\_ day of \_\_\_\_\_, 201\_\_,  
by **Joyce A. Wilson**, as **City Manager of the City of El Paso, Texas**.

\_\_\_\_\_  
**Notary Public, State of Texas**

**My commission expires:**

\_\_\_\_\_

**ACKNOWLEDGEMENT**

**COMMONWEALTH OF VIRGINIA** §  
§  
**COUNTY OF FAIRFAX** §

This instrument was acknowledged before me on this \_\_\_ day of \_\_\_\_\_, 201\_\_,  
by **Ronald F. Bosco**, as **President of Federal Engineering, Inc.**.

\_\_\_\_\_  
**Notary Public, State of Virginia**

**My commission expires:**

\_\_\_\_\_



"Unleashing the Power of Technology"

Federal  
Engineering®

**Federal Engineering, Inc.**

10600 Arrowhead Drive  
Fairfax, VA 22030  
703-359-8200

**STATEMENT OF WORK (SOW)**

Issued: October 15, 2012

Revised: December 9, 2012

**PROJECT EL-PSMR-VIMPL  
CITY OF EL PASO, TEXAS  
RADIO SYSTEM PROCUREMENT AND IMPLEMENTATION SUPPORT  
FOR EL PASO COUNTY SHERIFF'S OFFICE**

**1.0 INTRODUCTION AND ISSUES**

Federal Engineering, Inc. (*FE*) recently completed an evaluation of the County of El Paso's (County) existing wideband conventional VHF radio system and provided recommendations for future development of the County's portion of the El Paso Metropolitan Area Communications System (EPMSACS). *FE* performed an assessment of stakeholder needs, analyzed the County's FCC licenses, reviewed existing system documentation, and performed radio coverage studies to determine the optimal voice and data communications approach.

*FE* developed a high-level conceptual design consisting of a seven-site simulcast subsystem, a standalone repeater site, and primary and backup dispatch sites. To the extent possible, the conceptual design leverages the County's fiber and microwave backhaul network and the UASI/PSIC funded P25 core for the City of El Paso's (City) 800 MHz radio system. The radio system supports six narrowband VHF channels for the simulcast subsystem and six narrowband VHF channels for the repeater site. The conceptual design also provides cross band operation so that VHF radio users such as the El Paso County Sheriff's Office (SO) can communicate with 800 MHz P25 radio users on the system.

Highlights of the conceptual design for the County to achieve their communications system objectives include:

1. In coordination with the County's IT Department, upgrade the existing microwave network to an all Internet Protocol (IP) backbone that provides connectivity for Ethernet traffic to the following sites: 51 I-10W (Fabens Rest Stop), Anthony ELP, Far East, KFOX (MRE), Northeast and Railroad, Scott

Simpson (DPS), Three Hills, and Wells Fargo or the El Paso County Downtown Detention Facility.

2. Leverage the existing UASI/PSIC funded ASTRO 25 core for the City's 800 MHz radio system so that it may be shared by the County and serve as the master site for the County's VHF P25 system.
3. Add a VHF P25 simulcast prime site consisting of simulcast controllers, networking equipment, and a six-channel voter system to collocate with the City's 800 MHz master and prime site.
4. Add a seven-site simulcast subsystem consisting of six trunked simulcast repeaters, P25 system networking equipment, and a six-channel VHF antenna system at 51 I-10W (Fabens Rest Stop), Anthony ELP, Far East, Northeast and Railroad, Scott Simpson (DPS), Three Hills, and Wells Fargo or the El Paso County Downtown Detention Facility.
5. Add a standalone repeater site consisting of six trunked multicast repeaters, P25 system networking equipment, and a six-channel VHF antenna system at the KFOX (MRE) tower location.
6. Assist the County in the writing of specifications for the procurement of VHF P25 mobile radios and portable radios needed by the Sheriff's and Constable's offices.
7. Replace the existing VHF radio consoles with five P25 dispatch consoles and add five backup control stations, P25 networking equipment, a network management terminal, and a five-channel VHF antenna system at the SO backup dispatch center.

This Statement of Work (SOW) outlines the tasks for *FE* to provide radio system consulting support during the procurement and implementation phases.

## **2.0 TASKS TO BE PERFORMED**

### **2.1 Task 1: System Procurement Support**

*FE* will coordinate and conduct a conference call to discuss procurement goals, objectives, tasks, schedule, and deliverables with the County.

#### **2.1.1 Technical Specification Development**

*FE* will use the *El Paso SO Public Safety Radio Communications Assessment and Conceptual Design Report* as a basis to develop technical specifications for the vendor. These specifications will be based upon the high level design and recommendations in

the *Assessment and Conceptual Design Report*. Throughout design review evaluation, implementation supervision, and testing activities, **FE** continually checks the vendor's work against these approved specifications.

**FE** is a strong proponent of using a "functional requirements specification" approach to system planning and procurement. We have found that this approach minimizes costs during the planning phase of the program, reduces the resultant overall system cost, and keeps the burden of system detailed design and performance risk on the equipment vendor where it belongs.

**FE** will perform the following activities to support the procurement of the County's radio system:

1. Participate in site walks with the County over a 2-day time period to evaluate existing site conditions and determine the necessary site improvements
2. Generate a *County of El Paso Public Safety Mobile Radio System Technical Specification* based on the final and approved *Assessment and Conceptual Design Report*. The Technical Specification will define requirements for:
  - Functionality of the system
  - Performance (coverage, capacity, etc.)
  - Spectrum
  - Preferred site locations
  - Infrastructure/site equipment
  - Site shelters and towers
  - Backhaul interfaces
  - Dispatch
  - Network management
  - Subscribers (portable and mobile radios)
  - Training
  - Warranty
  - Maintenance/service
  - System implementation, test, and acceptance
  - Reviews and documentation
  - Redundancy and survivability
3. **FE** will define specifications for the backhaul network to assure that it meets the backhaul requirements for the County's VHF P25 network
4. Update the Technical Specification based on County review and comment; submit a final version to be used by the radio system vendor.

### **2.1.2 Procurement Process Support**

*FE* will provide the following procurement process support:

1. Conduct teleconference meetings as required with the County to develop a set of evaluation criteria and an evaluation process.
2. Attend one pre-proposal submission conference with the County and vendor; participate during the conference as a technical advisor to the County and answer questions as needed.
3. Participate in site walks with vendor over a 2-day time period to answer questions and act as technical advisor to the County.
4. Assist the County with their response to vendor questions and provide clarifications to the County throughout the proposal solicitation process.
5. Review vendor proposal(s), participate in up to two teleconferenced evaluation meetings and one on-site vendor presentation, and assist the County with proposal evaluation.
6. Assist the County with up to 40 hours of contract negotiations and support for technical issues that may arise during contract negotiations.

### **2.2 Task 2: Implementation Project Management**

*FE* implementation support services will take the project from the initiation, planning, and design review phases through installation, testing, and final cutover. *FE* participation will assure that proper planning takes place before major commitments are made and will provide County management with the visibility necessary to eliminate surprises and create a proactive project management environment. We will verify that the radio vendor is compliant with the contract with regard to County-approved technical specifications, schedule, and cost milestones.

Upon vendor contract award, *FE* will provide an implementation oversight schedule that aligns with the vendor's implementation schedule.

**General Implementation Project Management Tasks**—The following activities are typical of this type of project. *FE* will coordinate with the County to determine which of these tasks will be necessary based upon the radio system vendor's implementation tasks and schedule, and the County's requirements.

1. Coordinate and conduct an Implementation Kickoff Meeting to discuss project goals, objectives, tasks, schedule, and deliverables with the County and the selected vendor.

2. Coordinate and conduct bi-weekly project status teleconferences.
3. Coordinate and conduct monthly on-site project status meetings.
4. Participate in other project meetings as required.
5. Assist in the development of project execution processes as they relate to milestone processing, effective communications across teams, roles and responsibilities, and documentation formats.
6. Review frequency plans and license applications as required.
7. Review and verify system fleet mapping.
8. Maintain an independent punch list of items during implementation activities including issue, responsible party, target date for completion, actual date of completion, and resolution.
9. Assist the County in resolving vendor implementation issues, oversee the vendor's punch list development and resolution process, identify any vendor performance issues, and make appropriate recommendations to the County.
10. Verify that the County receives copies of the as-built plans and all documentation to go with the equipment and any warranty documentation. If warranties require registration of the equipment, assist the County in completing and turning in the required information.

**Detailed System Design and Test Plan (ATP) Reviews**—*FE* recommends that the County require the system vendor to conduct a contract/preliminary design review (PDR) and a final design review (FDR).

1. *FE* will review vendor PDR documents and attend the PDR presentation by the vendor. The review typically includes:
  - Project schedule
  - Individual site designs
  - Frequency plan
  - Detailed system design
  - Updated equipment list (by site)
  - Updated system drawings
  - Factory acceptance test plans and procedures (FATP)
  - Site testing plans and procedures
  - Radio coverage methodologies and coverage acceptance test plan (CATP)

- Cutover plans
  - System acceptance test plans
  - Training plans
  - List of manuals and documentation
  - Final CDR package
  - Decommissioning process for old equipment
  - County responsibilities as defined by vendor
2. During the PDR, *FE* will identify areas of design and test plan deficiency, document in the punch list, and provide recommendations to correct the deficiencies. *FE* will be available to assist the County with change order negotiations, if any, resulting from the PDR.
  3. *FE* will review Final Design Review (FDR) documents and attend the FDR presentation to ensure PDR punch list items are adequately addressed.
  4. *FE* will make a recommendation to the County for the vendor to move on to the next phase.

***Factory Testing and Equipment Delivery***—*FE* will act as the County's representative for factory testing and equipment delivery inventory tasks.

1. *FE* will attend factory staging of the system at the vendor's facility acting as the County's technical advisor.
2. *FE* will conduct an independent inventory of equipment upon delivery to each site to verify the County receives the contract compliant equipment.

***Installation Inspections***—*FE* will inspect each site and the dispatch center to verify if the equipment installations are in accordance with the specifications, meet good workmanship practices, and comply with the equipment installation standards. For the following inspection-related activities as identified in the vendor's schedule, *FE* will typically:

1. Review shelter preparation activities to verify they have been performed correctly and in time for installations.
2. Verify that the required facility improvements have been made including internal and external grounding.
3. Inspect civil installations.

4. Observe and inspect site equipment installation including antenna, transmission line, radio system infrastructure equipment, and microwave equipment.
5. Witness and verify the results of the vendor's final site tests.
6. Review each site's punch list to ensure it includes deficiencies noted during the site preparation and test verification. Verify that corrective actions are taken before any punch list items are removed.

**Coverage and Field Testing**—*FE* will participate in the following testing activities as identified in the vendor's schedule:

1. Witness coverage tests as the County's representative. *FE* will accompany the system vendor for the coverage testing to verify methodology and data collection. *FE* and the County will mutually define the coverage testing area for which *FE* will accompany the vendor.
2. Audit coverage test results.
3. Attend final system testing, audit and verify test results.
4. Provide a memo to the County that identifies coverage and system verification results and any recommendations for the vendor to correct deficiencies in the test documentation. *FE* will review the punch lists and participate in retesting to confirm that the deficiencies have been corrected.

**System Acceptance and Cutover**—*FE* typically performs the following system acceptance and cutover oversight services:

1. Prior to the system acceptance process, *FE* will revisit the final system acceptance plan and vendor cutover plan and identify any deficiencies or areas for improvement to the County based on modifications during implementation.
2. *FE* will assist the County with negotiating final changes to the system acceptance and/or cutover plans with the vendor.
3. Final system acceptance will take place after the coverage and system field tests have been successfully completed by the vendor and the fully functional system has been delivered. *FE* will witness system acceptance testing activities, verify the test results, and make any necessary recommendations for the vendor to correct deficiencies noted during the testing.

4. Upon completion of system acceptance testing and correction of any deficiencies, including punch list and documentation items, *FE* will make recommendations to the County regarding acceptance of the system and system cutover.
5. *FE* will witness the cutover and assist the County where needed.

***Documentation and Training***—The system vendor will be required to deliver system documentation and manuals to the County.

1. *FE* will verify the delivery of manuals identified in the contract and during the FDR.
2. *FE* will verify that corrections have been made to the final manuals by the vendor, if required by the contract, after final system acceptance testing and discrepancies are corrected.
3. *FE* will verify as-built drawings represent the system and the vendor has incorporated all changes that may have been made during implementation.
4. *FE* will review training plans and curriculum and make recommendations for modifications as necessary to the County.

### **2.3 Task 3: On-Call Technical Support Services Tasking**

*FE* will respond to ad-hoc, short-term engineering assignments related to and necessary for the County's radio system project but which are unforeseen in *Sections 2.1 and 2.2*. An assignment within this task may be initiated by email or written correspondence between *FE* and the County project manager.

Upon receiving an assignment, *FE* will respond to the County project manager via email with an estimated cost to perform the assignment. Upon receipt and written acceptance of the estimated cost and a Notice to Proceed, *FE* will commence the assignment. During the assignment, if situations arise that cause a change in the estimated cost, *FE* will notify the County project manager of the revised estimate and the reason for the change.

*FE* professionals will be directed by the County project manager or designee according to the assignments to be performed. The scheduling of *FE* resources will be mutually agreed upon based upon the needs of the County and the availability of the specific *FE* consultants.

### 3.0 DELIVERABLES/MILESTONES

*FE* and the County will discuss a mutually acceptable date for project initiation. *FE* will create a schedule for system procurement support once *FE* and the County finalize procurement mechanisms. *FE* will create a schedule for implementation support after the system vendor has provided a final schedule for system implementation.

The results of *FE* activities, reviews, and verifications will be documented in monthly status reports or in separate reports as directed by the County.

### 4.0 STAFFING/ORGANIZATION

*FE* proposes Mr. Rajit Jhaver as the Project Manager. He will draw upon the knowledge from managing the City's El Paso's EPMSACS assessment and the El Paso SO Public Safety Radio Communications Assessment and Conceptual Design Report.. He will also draw upon the project expertise and skills of other *FE* public safety radio consulting professionals during the course of the project as needed.

### 5.0 COST

Services defined in *Section 2.1 - System Procurement Support* will be performed on a fixed price basis in accordance with the labor pricing called out in the following table:

<b>County of El Paso Procurement Support Fixed Prices (Labor)</b>	
<b>Task</b>	<b>Price</b>
2.1.1 Technical Specification Development	\$ 14,710
2.1.2 Procurement Process Support	\$ 34,790
<b>Total</b>	<b>\$ 49,500</b>

Services defined in *Section 2.2 – Implementation Project Management* will be billed on a time and materials basis not to exceed **\$75,000**. On-call technical support services requested by the County in accordance with *Section 2.3* can be provided on a time and materials basis not to exceed **\$10,000**. Any charges beyond these amounts will require the County Commissioners Court approval of additional funds. The labor rates for these services are documented in the fee schedule attached hereto as Schedule A, which is incorporated herein by reference as though fully setout herein.

Reimbursable expenses shall not exceed **\$16,500** including travel for *FE* personnel will be reimbursed by the County at cost. Per Diem charges will be in accordance with the effective U.S. General Services Administration rate schedule.

Invoices will be submitted monthly with a breakdown of labor, travel, and per diem charges.

## **6.0 ASSUMPTIONS AND CONSTRAINTS**

1. Federal Engineering, Inc. will perform tasks as called out in Section 2 (excluding optional tasks or services). The deletion of a task or significant change in scope of one or more tasks may affect the overall price. Any optional or additional tasking will be authorized by mutual agreement of the County and **FE** and this SOW will be amended accordingly.
2. This SOW assumes that the County's project manager will schedule meetings, provide meeting facilities, notify attendees, and arrange for on-site visits.
3. **FE's** ability to fulfill this project depends, in part, on the willingness and ability of the County and/or other participating jurisdictions and agencies, equipment vendors, service providers, third parties, and others to provide information in a timely manner, and upon the accuracy of the information as supplied. The accuracy of input data, whether provided in electronic or hard copy form, and the recommendations, actions, system designs, procurements, and bidder actions resulting therefrom cannot, therefore, be warranted by **FE** nor can the performance, suitability, or reliability of said systems be warranted by **FE**.
4. Delays to the program schedule due to actions or lack of actions on the part of the County and/or other participating jurisdictions and agencies, equipment vendors, service providers, third parties, and others, as well as vendor protests and other procurement related actions, may result in additional costs and will be brought to the attention of the County project manager in a timely manner.

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Submitted by *FE*:

*Ronald F. Bosco*

Ronald F. Bosco, President  
December 10, 2012

Authorization to begin work by:  
**County of El Paso**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed name and title)

\_\_\_\_\_  
(Date)

## Schedule A

# FEDERAL ENGINEERING LONG-TERM CONSULTING RATES

Effective January 1, 2013 through December 31, 2013

<u>Project Labor Categories</u>	<u>Project Rate</u>
Chief Consultant & P25 Expert / Director / Program Manager	\$135.00
Project Manager / Technical Lead / Land Mobile Radio Specialist & P25 Technical Support / Senior Consultant	\$130.00
RF Coverage Specialist / Consultant	\$110.00
Technical Writer / Analyst	\$ 75.00

### TERMS AND CONDITIONS

1. Terms and conditions are in accordance with Agreement for Professional Services between the City of El Paso and Federal Engineering, Inc. dated August 9, 2011.



# El Paso Metropolitan Statistical Area Communications System (EPMSACS)

December 18, 2012





# ***Project Information***

## **Background:**

- Under the original agreement Federal Engineering provided an evaluation of the existing City's public safety communication system
- The first amendment allowed for the design, procurement and support services for the City in the following areas:
  - 1) Radio system procurement and implementation consulting support
  - 2) Sheriff's Office public safety VHF radio system evaluation
  - 3) Evaluation of the automated dispatch and fire station alerting system
  - 4) General public safety radio system on-call consulting support



# ***Project Information***

## **Scope:**

- The second amendment will add additional services for consulting and technical support during procurement and implementation of a new VHF P-25 radio system for the Sheriff's Office. The major tasks under this amendment are:
  - System Procurement Support
  - Implementation Project Management
  - On-Call Technical Support Services Tasking



# ***Project Information***

## **Justification:**

- Since the City's and County's public safety radio system will share many of the same facilities and some of the same equipment, it is important to have continuity in the implementation schedule and the professional service team providing project management and procurement support.



# *Project Information*

## **Contract Value:**

Project	Fixed Cost	T&M	On-Call	Reimbursable
EL-PSMR-VIMPL	\$ 49,500.00	\$75,000.00	\$10,000.00	\$16,500.00

**Total Value:** \$151,000.00

**Funding Information:** The County of El Paso, Texas will fully reimburse the City of El Paso for all costs for the second amendment to Federal Engineering’s contract.



# ***Questions/Comments***