

Agenda Type: Regular
User Department: Choose an item.

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

DEPARTMENT: Engineering and Construction Management

AGENDA DATE: 04/08/14

CONTACT PERSON/PHONE: Irene D. Ramirez, P.E., Interim City Engineer, 212-1831

DISTRICT(S) AFFECTED: 7

SUBJECT:

Discussion and action to award Solicitation No. 2014-125 for Traffic Management Center Relocation Re-Bid to Tri-State Electric, LTD, for an estimated total amount of \$1,318,438.68.

Department:	Engineering & Construction Management
Award to:	Tri-State Electric, LTD
Base Bid:	\$1,224,881.79
Option 1:	\$43,253.65
Option 2:	\$50,303.24
Total Estimated Award:	\$1,318,438.68
Time for Completion:	180 Consecutive Calendar Days
Accounts:	190-99998-580270-4730-PCP13CTYHALL2
Funding Source:	Various Reprogram Certificates of Obligation

District: 7

It is requested that the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for execution of this award.

As a part of this award, upon the review of the City Attorney, the City Engineer may without further authorization from City Council approve contract changes which are necessary for proper execution of the work and carrying out the intent of the project, which are in accordance with applicable law, do not make changes to the prices and are within the appropriate budget.

This is a Competitive Sealed Proposal, lump sum contract. The Engineering & Construction Management Department recommends award as indicated to the lowest responsive and responsible bidder.

BACKGROUND / DISCUSSION:

This project consists of the complete construction and upgrade of the Traffic Management Center (TMC) located at the Municipal Service Center (MSC). The Center will involve the vertical re-construction of an existing building that will house an upgraded intelligent transportation system and telecommunication service connections. The upgrade will include installation and training of intelligent transportation electronic equipment, software, video wall, computers, an open area with 4 cubicle workstations and a fire suppression system.

The contractor was selected through the CSP process. The process starts with the evaluation of the proposals received to determine if offeror's are responsive and responsible. Only offeror's found to be both responsive and responsible were ranked according to the selection criteria, which includes: (1) Purchase Price (2) Offeror's past performance with the Owners and/or other agencies (3) Health Insurance. The highest ranked proposal was received from Tri-State Electric, LTD. Upon review of the references, they have a history of meeting the contract requirements.

SELECTION SUMMARY:

Solicitation Advertised Dates:	01/14/14			01/21/14
Number of Interested Bidders:	57			
Bid Opened Date:	02/05/14			
Number of Bids Received:	Total	1	Local	0 Non-Local 1
Number of Bids:	Responsive	1	Non-Responsive	0

PRIOR COUNCIL ACTION:

N/A

AMOUNT AND SOURCE OF FUNDING:

Total estimated amount: \$1,318,438.68 – Funding Source Various Reprogram Certificates of Obligation

BOARD / COMMISSION ACTION:

N/A

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD: 

(If Department Head Summary Form is initiated by Purchasing, client department should sign also)
Information copy to appropriate Deputy City Manager

TRAFFIC MANAGEMENT CENTER RELOCATION RE-BID

PROPOSAL No. 2014-125

SCOPE OF WORK

This project consists of the complete construction and full integration of a new Traffic Management Center (TMC). The Traffic Management Center will be built inside an existing City building located at the Municipal Service Center (MSC). This new center will include an operation room, server room, electrical closet, and an open area with 4 cubicle workstations.

The TMC will include the following items:

Base Bid

Intelligent Traffic System (ITS):

The ITS work includes the upgrade of existing SONET system. This upgrade consists of the installation of high speed SONET nodes and reconfiguration of the existing City of El Paso SONET ring. The ITS work also includes, but not limited to, installation and integration of Ethernet Switches, Port Servers, Serial Port Expanders, Video Encoders, Video Decoders, Network Servers, Desktop Computers, Operator Console, Cubicles, Video Wall, Rack Cabinets, Atomic Clock, Video Multiplexers, Video Demultiplexers, Sound System, KVM Switch, software installation, system integration, training and fiber optics. The new equipment will be connected into the new facility with fiber optics using the existing conduit. Please refer to the plan sheets for proposed fiber route. All work will be done inside the Municipal Services Center (MSC) campus and at TxDOT's Trans-Vista server room.

Existing field elements must be integrated into new TMC. This system integration includes but not limited to: Traffic Signals Controllers, Dynamic Message Signs, Video Imaging Vehicle Detectors Systems and CCTV Camera video feed and control.

Please refer to the plan sheets and specifications for the proposed setup, system configuration and requirements.

Vertical Construction:

The vertical construction of the TMC includes but is not limited to the recondition of the existing locker room at Building 1 in the MSC campus. This reconditioning includes items such as: raised access computer floor, interior partitions, suspended ceilings installation, interior and wall finishes, specialties and equipment, electrical, telecommunications inside the building, exterior electrical service connections required for the building, UPS, back up diesel generator, HVAC, and INERGEN fire suppression system.

- Fire suppression system; The City of El Paso will provide Inergen gas tanks for the proposed fire suppression system. The fire suppression system must be compatible with the existing tanks.

Option 1: Includes but is not limited to the System support of Add/Drop (OC-12). Labor and equipment shall be included in this option.

Option 2:

Option 2 includes but is not limited to the virtualization software to support servers such as; OVS, OMS, Cameleon, and Quicknet.

This project is a lump sum project

Prior to commencement of any work, the Contractor shall submit and obtain approval from City of El Paso, Engineering & Construction Management Department, for the Sequence of Construction, Schedule of Work, and Haul/Waste Route to an approved disposal site. Traffic Control Plan must be submitted and approved, if applicable. Contractor shall provide written approved documentation from the owner or operator of the waste site.

The description of this scope of work as shown above is only a general overview of this project. Contractor shall refer to the project plans and specifications for further information.

END SCOPE OF WORK

PLEASE REFER TO DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION

THE FIGURES BELOW ARE FOR REFERENCE ONLY.





Contractor Experience Reference Form

Contractor **Tri-State Electric, Ltd.**

Project 1 **ITS Expansion (TxDOT CSJ 0924-06-304, 2010-112)**

Project 1 Scope This work consists of expanding the Intelligent Transportation Systems (ITS) and Traffic Management System (TMS) for the City of El Paso. The amount of the contract was \$2,067,905.34 and was completed on 6/28/2012.

Project 1 Comments The project was completed in accordance with the contract documents.

Project 2 **Fiber Optic Network System 5 extension and system 6 (2011-193)**

Project 2 Scope The work consists of furnishing, installing, testing and integrate 3" conduit fiber optic cable for system 5 extension and system 6. The amount of the contract was \$327,383.25 and was completed on 6/14/2012.

Project 2 Comments The project was completed in accordance with the contract documents.

Project 3 **Spur 601 CSJ # 1046-03-001**

Project 3 Scope Construction of 4 & 6 lane divided facility from loop 375 to US 54. Furnish install and intergrate traffic management and OTN equipment. Contract ammount \$30.7 millions, project was complited on July 2011.

Project 3 Comments The project was completed in accordance with the contract documents.


COMPETITIVE SEALED PROPOSAL (CSP) EVALUATION SHEET

Traffic Management Center Relocation Re-Bid

Proposal No. 2014-125

CRITERIA	Tri-State Electric, LTD				
Part A: Offeror's Price	\$ 1,318,438.68				
Maximum 75 Points	75.00				
<i>Low Offer / Offer * 75</i>					
Health Insurance					
Maximum 5 Points	5.00				
<i>Provides Insurance and pays 100% = 5 points</i>					
<i>Provides Insurance and pays 60% or higher = 4 points</i>					
<i>Provides Insurance and pays > 40% but < 60% = 3 points</i>					
<i>Offers insurance but pays less than 40% = 2 points</i>					
<i>Offers insurance but does not pay any portion of it. = 1 point</i>					
<i>Does not offer insurance. = 0 points</i>					
Part B: Offeror's Past Performance with Owner	16.93				
Maximum 20 points					
TOTAL POINTS EARNED	96.93	0.00	0.00	0.00	0.00
RANKING	1	2	3	4	5

APPROVED:  3/4/14
City Engineer Date

APPROVED:  3/10/14
City Manager Date

**COMPETITIVE SEALED PROPOSAL
OFFEROR CERTIFICATION**

Traffic Management Center Relocation Re-Bid - Proposal No. 2014-125

The evaluation of offers for this Proposal has been completed.

The Offeror, Tri-State, Electric, LTD, has received the
(Contractor's Name)

highest score, 96.93, and is, therefore, certified as offering the City of El Paso the Best Value for this project.

The amount of the award will be \$1,318,438.68.

This amount includes the following proposal components and alternates with their corresponding amounts:

PROPOSAL COMPONENT	\$ AMOUNT
Base Bid	\$1,224,881.79
Option 1	\$43,253.65
Option 2	\$50,303.24

I, Javier Reyes, of Engineering & Construction Management
(Name) (Department or Firm)

Concur with this Certification on this the 27th day of February 2014

I, George Pinal, of ENGINEERING & CONSTRUCTION MANAGEMENT
(Name) (Department or Firm)

Concur with this Certification on this the 27th day of FEBRUARY 2014

I, _____, of _____,
(Name) (Department or Firm)

Concur with this Certification on this the _____ day of _____ 2014

I, Robert S., of Engineering & Construction Mgmt.
(Name) (Department or Firm)

Concur with this Certification on this the 27th day of Feb. 2014

COMPETITIVE SEALED PROPOSAL

TO THE HONORABLE MAYOR AND CITY COUNCIL
CITY OF EL PASO
EL PASO, TEXAS

The undersigned having familiarized themselves with the local conditions affecting the cost of work and with the Contract documents consisting of Invitation to Bid, Instructions to Bidders, General Conditions, the Contractor's Proposal, Special Bid Conditions, Applicable Wage Rates, the Contract Form, plans, specifications, drawings, and addenda on file in the Engineering & Construction Management Department of the City of El Paso, hereby propose to perform everything required to be performed and to provide, furnish and install all the labor, materials, necessary tools, expendable equipment, and all utility and transportation services, and to complete in a workmanlike manner all the work required for the

TRAFFIC MANAGEMENT CENTER RELOCATION RE-BID

Proposal No. 2014-125

within the specified limits and in accordance with the plans, including Addenda numbers
none, AT THE FOLLOWING LUMP SUM:

ONLY ONE BIDDER MAY BE AWARDED THIS CONTRACT PURSUANT TO THIS BID.

Note: The offeror who provides the best value for the owner based on the selection criteria and on its ranking evaluation will be awarded the contract. If funding is available, the options will be awarded in the following priority: Option 1 and then Option 2.

BASE BID:

The undersigned agrees to perform all of the work required for the total amount of:

\$ 1,224,881.79

OPTION 1: ADD/DROP MULTIPLEXER (OC-12)

The undersigned agrees to perform all of the work required for the total amount of:

\$ 43,253.65

OPTION 2: VIRTUALIZATION SOFTWARE/ RACKMOUNT SERVER SYSTEM

The undersigned agrees to perform all of the work required for the total amount of:

\$ 50,303.24

CONTRACT TIME AND LIQUIDATED DAMAGES

Bidder agrees to commence work on a date to be specified in a written "Notice to Proceed" issued by the Owner. The Contract Time shall begin on the date to commence work specified in the "Notice to Proceed" and shall run for **ONE HUNDRED EIGHTY (180) additional CONSECUTIVE CALENDAR DAYS** thereafter. Bidder shall Substantially Complete the project within **ONE HUNDRED SIXTY (160) CONSECUTIVE CALENDAR DAYS** after the date to commence work in the "Notice to Proceed." Bidder agrees to pay, as liquidated damages, the sum of **five hundred dollars and zero cents (\$500.00)** for each consecutive calendar day after the date of Substantial Completion, as hereinafter provided in the General Conditions. Bidder further agrees to pay as liquidated damages the sum of **one hundred eighty dollars and zero cents (\$180.00)** for each consecutive calendar day after the expiration of the Contract Time for Remaining Work, as provided in Paragraph 6.8.3.1 of the General Conditions. The unit price quantities of this contract are estimated.

PROPOSAL

Enclosed with this proposal is a bid bond for five percent (5%) of the TOTAL bid price including base bid(s), alternate(s) and option(s) which is agreed shall be collected and retained by the owner(s) as liquidated damages in the event this proposal is accepted by the Owner within sixty (60) consecutive calendar days after the date advised for the reception of bids and the undersigned fails to execute the contract and the required performance and payment bonds with the Owner within fourteen (14) consecutive calendar days after the date said proposal is accepted; otherwise, the said bid security shall be returned to the undersigned upon demand.

THE UNDERSIGNED BIDDER REPRESENTS TO THE CITY AND TO THE OTHER BIDDERS THAT HIS/HER BID, AND THE ESTIMATES ON WHICH IT IS BASED, HAS BEEN CAREFULLY CHECKED AND CONTAINS NO ERRORS, AND NOTHING HAS BEEN OMITTED OR OVERLOOKED IN DETERMINING THE AMOUNTS BID.

BIDDER'S NAME: Tri-State Electric, Ltd.

(AS IT APPEARS ON ORGANIZATION CERTIFICATE ISSUED BY STATE IN WHICH COMPANY WAS ORGANIZED)

BY: 1 [Signature]

Signature

2/4/2014

Date

Dave Fuller, Managing Partner

(915) 755-8803

(915) 755-7276

Print Signer's name & title

Telephone

Fax

530 Valley Chile Road

Address

Vinton, Texas 79821

City, State, Zip Code

dfullertse@sbcglobal.net

eMail address

same

Physical Address of Business
(if different from above)

same

City, State, Zip Code

IF THE BIDDER BE A CORPORATION, THE FOLLOWING CERTIFICATE SHOULD BE EXECUTED:

I, _____, certify that I am the _____ Secretary of the corporation named as Bidder hereinabove; that _____, who signed the foregoing contract on behalf of the Bidder, was then _____ of said corporation; that said proposal was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

CORPORATE SECRETARY SIGNATURE AND CORPORATE SEAL

MINIMUM EXPERIENCE REQUIREMENTS

Contractor must provide at least 1 project similar in scope and cost that is in progress or one that has been completed within the last 12 months; and

Contractor must provide at least 3 projects similar in scope and cost that were completed within the past 5 years.

Please provide list of team members for this project: Owners, officers, managers, construction supervisors, or any other employee that will work in this project including their experience, certifications, licenses or any other official document that demonstrate capability to perform the work.

The intent of this section is to establish that Contractor has the minimum experience requirements for this project. Bidders must have prior construction experience installing Intelligent Transportation Systems (ITS). Bidders lacking the required minimum experience may meet minimum requirements through subcontractor that meets minimum experience requirements. This section will determine if ITS contractor or subcontractor meets the minimum experience requirements for this project. In addition to ITS construction experience requirements, bidder must be able to meet all other requirements in the specifications and drawings of the Contract Documents. If minimum experience requirements are not met, bid will be deemed non-responsive and will not be evaluated. Only those bidders that meet the minimum experience requirements will be evaluated and ranked.

INSERT LIST OF KEY PERSONNEL HERE

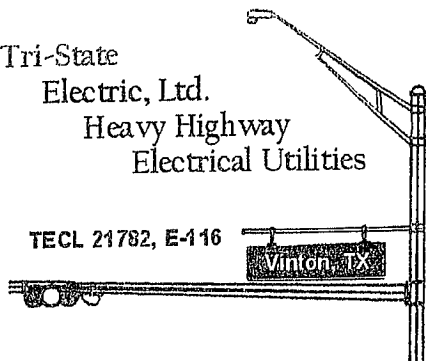
Manuel Carreon, Jr. - Operations Director

Robert A. Perez - Project Manager

Eric Serrano - ITS Manager

See attached Qualifications

Tri-State
Electric, Ltd.
Heavy Highway
Electrical Utilities



530 Valley Chile Road • Vinton, Texas 79821
Phone (915) 755-8803 • Fax (915) 755-7276

February 3, 2014

Reference: Traffic Management Center Relocation Re-Bid
Solicitation No.: 2014-125

To Whom It May Concern:

Below is a list of key personnel to be directly supervising the project in question. We have listed their experience in the ITS portion of past project with the City of El Paso and the Texas Department of Transportation (TxDOT).

KEY PERSONNEL QUALIFICATIONS

1. Manuel Carreon Jr. / Operations Director / Telecommunications Director (23 Years Experience).
 - a. Certified: Copper Cable Splicer, Fiber Optic Cable Splicer, T-Carrier Maintenance, T-Carrier Engineering Fundamentals, SONNET Nodes (OC-3, OC-12, OC-48), Aerial and Underground OSP Cable Installer, ADSL/HDSL/SDSL Installer, Pair Gain Installer, CAT V & VI Installer, Cable Maintenance/Troubleshooting Certified, Pressurized Cable Maintenance, Network Installer.
 - b. Mr. Carreon will administer, inspect, and support all staff as needed in the telecommunication activities on this project.

- c. Mr. Carreon has been employed with Tri State Electric for 13 years and is a full time employee.
- d. In Mr. Carreon's career he has been involved in multiple Telecommunication projects, of the same or greater magnitude as this solicitation, at Ft. Bliss (Texas), Carswell Air Force Base (Ft. Worth), Ft Hood (Texas), White Sands Missile Range, McGregor Range, Holloman Air Force Base (Alamogordo NM), Kirtland Air Force Base (Albuquerque NM), Luke Air Force Base (Phoenix AZ), and Nellis Air Force Base (Las Vegas Nevada).
- e. In addition, Mr. Carreon has been involved in projects with the major telephone carriers such as Time Warner Telecom, GTE, Verizon, Southwestern Bell, AT&T, Lucent Technologies, Sprint, US West, Ganado Telephone, Valley Telephone, Transtelco, and Quest.
- f. Mr. Carreon has also been involved in various long haul telecommunications projects with the City of El Paso and TXDOT for their Intelligent Transportation Systems in El Paso, San Antonio, South Padre Island and Lubbock Texas.

2. Robert A. Perez / Telecommunications Supervisor (14 Years Experience).

- a. Certified: Copper Cable Splicer, Fiber Optic Cable Splicer, SONET Nodes (OC-3, OC-12, OC-48), Aerial and Underground OSP Cable Installer, Cable Maintenance/Troubleshooting Certified, CAT V & VI Installer.
- b. Mr. Perez will be the Project Superintendent and will direct and supervise the fiber optic cable installation, testing and splicing.
- c. Mr. Perez has been employed with Tri State Electric for 13 years and is a full time employee.
- d. Mr. Perez has been involved in various projects at Ft. Bliss (Texas).
- e. Mr. Perez has been involved in major projects with AT&T, Time Warner Telecom, Valley Telephone, Transtelco, and Qwest.
- f. Mr. Perez has also been involved in various long haul telecommunications projects with the City of El Paso and TXDOT for their Intelligent Transportation Systems in El Paso and South Padre Island.

3. Eric Serrano / Network Services Supervisor (12 Years Experience).

- a. Certified: SONET Nodes (OC-3, OC-12, OC-48), Aerial and Underground OSP Cable Installer, Cable Maintenance/Troubleshooting Certified, CAT V & VI Installer.
- b. Mr. Serrano will supervise the OTN Node testing and troubleshooting.
- c. Mr. Serrano has been employed with Tri State Electric for 6 years and is a full time employee.
- d. Mr. Serrano has been involved in ITS projects with the City of El Paso and TxDOT and has supervised all OTN node installations as well as troubleshot the City of El Paso's OTN ring both in the field and at the Transvista Traffic Management Center in El Paso.

References:

1. Texas Department of Transportation - Edgar Fino, P.E. - (915) 790-4306
2. City of El Paso - Israel C. Toro - (915) 240-3220
3. Retired DOIM - Juan Garcia - (915) 549-9300
4. Retired AT&T Now ISEC - Tony Marquez - (915) 222-1172

Should you have any questions or require additional information. I may be reached at our office number (915) 755-8803 or on my cell at (915) 726-0889.

Thank you,

Manuel Carreon Jr.



Director of Operations

INTELLIGENT TRANSPORTATION SYSTEMS AND TRAFFIC MANAGEMENT CENTERS

PROJECT EXPERIENCE

IN PROGRESS INTELLIGENT TRANSPORTATION SYSTEMS (ITS) AND/OR TRAFFIC
MANAGEMENT CENTERS (TMC)

Contractor must provide at least 1 project similar in scope and cost that is in progress or one that has been completed within the last 12 months.

Provide a list of all ITS/TMC construction projects that are in progress by your organization. The projects listed must have a construction agreement.

PROJECT INFORMATION REQUIRED - Please provide all information requested and utilize additional sheets as necessary.

Name and Location of Project: Zaragoza Road Fiber Optic Interconnect (FM 259) 2013-227

Owner's Name: City of El Paso Address: 222 S. Campbell El Paso, TX 79901

Phone Number: (915) 541-4871 E-mail: _____

Construction Value: \$799,989.80 / % Completed: 50% / Completion Date: 5/15/2014

Designer & Architect: Walter P. Moore Consultants 211 N. Kansas El Paso, TX 79901

Project Description & Scope of Work: Interconnect traffic signal controllers, traffic signal Video Imaging Vehicle Detection System, school zone flashers and construction, installation, testing and integration of CCTV cameras, hardware, software, conduit and fiber optic cable and connection with City Traffic Management Center and TxDOT TransVista.

Name and Location of Project: CoastCom Ring A

Owner's Name: Texas Department of Trans Address: 125 E. 11th St., Austin, TX 78701

Phone Number: _____ E-mail: _____

Construction Value: \$406,328.75 / % Completed: 75% / Completion Date: May 2014

Designer & Architect: Texas Department of Transportation

Project Description & Scope of Work: Replace obsolete T1 Multiplexer CoastCom Equipment in existing TxDOT Cabinets above and below ground, in HUB Buildings and TxDOT Traffic Management Center Including ethernet switches, terminal servers, video encoders and video decoders

Name and Location of Project: Transmountain West

Owner's Name: Texas Department of Trans Address: 125 E. 11th St., Austin, TX 78701

Phone Number: _____ E-mail: _____

Construction Value: \$6,613,682.30 / % Completed: 85% / Completion Date: April 2014

Designer & Architect: Texas Department of Transportation

Project Description & Scope of Work: Furnish and install Traffic Management System, Electrical conduit, illumination, Traffic Signals, Traffic Signal Inner-connect, VIVDS, Cameras.

COMPLETED INTELLIGENT TRANSPORTATION SYSTEMS (ITS) AND/OR TRAFFIC MANAGEMENT CENTERS (TMC)

Contractor must provide at least 3 additional projects similar in scope and cost that were completed within the past 5 years.

Completed projects must have been in good operational conditions for at least the first year of implementation. Only those projects where the bidder had complete responsibility of the construction and implementation can be included.

Please provide detailed project information and verifiable references for each of these projects. **NO EXCEPTIONS WILL BE MADE TO THESE REQUIREMENTS.**

PROJECT INFORMATION -- Please provide all information requested and utilize additional sheets as necessary.

Name and Location of Project: City of El Paso ITS Expansion

Owner's Name: City of El Paso Address: 2 Civic Center Plaza

Phone Number: (915) 861-3306 E-mail: HimesJF@elpaostexas.gov

Construction Value: \$2,067,908.34 / % Completed: 100% / Completion Date: Dec 2012

Designer & Architect: Huit-Zollars 5822 Cromo Drive El Paso, Texas 79912

Project Description & Scope of Work: Furnish, install, test and integrate an Optical Transport Network with all equipment - including CCTV Cameras, VIVDS integration, McCain Series 170 Traffic Signal Controller integration and inner-connections to City of El Paso Traffic Management Center's fiber and copper equipment

Name and Location of Project: Fiber Optic System 5 Extension and System 6

Owner's Name: City of El Paso Address: 2 Civic Center Plaza El Paso, TX 79901

Phone Number: (915) 861-3306 E-mail: HimesJF@elpasotexas.gov

Construction Value: \$327,383.25 / % Completed: 100% / Completion Date: Feb 2012

Designer & Architect: City of El Paso - Engineering Department

Project Description & Scope of Work: Furnish, install and integrate conduit and fiber optic cable, traffic signal controllers (McCain Series 170), inner-connect City of El Paso, El Paso Zoo and Health Department for System 5 extension and System 6.

Name and Location of Project: Fiber Optic Build Out - Phase II

Owner's Name: City of El Paso Address: 2 Civic Center Plaza

Phone Number: (915) 861-3306 E-mail: Himes JF@elpaostexas.gov

Construction Value: \$3,223,445.06 / % Completed: 100% / Completion Date: Nov 2011

Designer & Architect: City of El Paso - Engineering Department

ITS CONTRACTOR INFORMATION

Company Name (Full Legal Name): Tri-State Electric, Ltd.

Street Address: 530 Valley Chile Road Vinton, Texas 79821

Mailing Address (if different than above): Same

City: _____ State: _____ Zip: _____ Phone # _____

Contact Person: Dave Fuller E-mail: dfullertse@sbcglobal.net Fax # (915) 755-7276

Application Submitted by: Dave Fuller

Title: Managing Partner

ADDITIONAL QUESTIONNAIRE & REQUIREMENTS

Please accurately answer & provide for all the information requested utilizing a separate sheet as necessary.

Please Check

YES NO

- ☒ ☐ A. Has your firm integrated Intelligent Transportation Systems before?
- ☒ ☐ B. Has your firm built a Traffic Management Center before?
- ☒ ☐ C. Does your firm possess all the necessary experience, equipment, labor forces, and material suppliers to complete this project per plans and specifications within the given schedule?
- ☒ ☐ D. Has your firm installed and configured Server Virtualization Software?
- ☒ ☐ E. Has your firm installed or worked on Open Transport Networks (OTN)?
- ☒ ☐ F. Has your firm installed Video Image Vehicle Detection Systems (VIVDS) or Close Circuit TV (CCTV) Cameras?
- ☐ ☒ G. Has your firm performed any ITS construction work with workmanship issues, defects, or warranty problems, including having to repair or replace portions of work?
- ☒ ☐ H. Can your firm provide shop drawings and submittals for all of the required and specified materials on this project?

This document must be notarized. This minimum experience required statement will not be considered responsive or valid unless it is completed in its entirety and signed, dated, and notarized. The City reserve the right to disqualify any firm for any reason deemed necessary for the successful completion of this project.

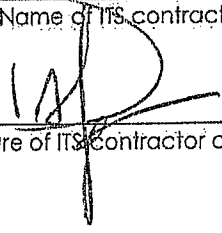
The Intelligent Transportation Systems (ITS) Contractor (undersigned) hereby certifies and that all of the information contained in this document is true and correct to the best of their knowledge. I declare under penalty of perjury under the laws of the State of Texas, that the foregoing is correct.

Tri-State Electric, Ltd.

Legal Business Name of Submitting Individual, Partnership, Limited Liability Company,
or Corporation & Contractor License Number

Tri-State Electric, Ltd.

Printed Name of ITS contractor or Authorized Agent


Signature of ITS contractor or Authorized Agent

ALL SIGNATURES MUST BE
WITNESSED BY NOTARY
(ATTACH JURAT)

Traffic Management Center

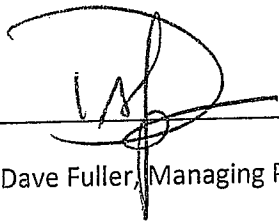
November 22, 2013

Traffic Management Center Relocation Re-Bid

Proposal No. 2014-125

The Contractor, Tri-State Electric, Ltd. certified that all of the information contained in this document is true and correct to the best of my knowledge. I declare under penalty of perjury under the laws of the State of Texas that the foregoing is correct.

Tri-State Electric, Ltd.



Dave Fuller, Managing Partner

Dated: 3 February 2014

Identifying signature scribed and sworn before me by Dave Fuller, Managing Partner of Tri-State Electric, Ltd. on this 3rd Day of February 2014.

Notary: Belinda Brown

Date: 2/3/14

My Commission Expires: 6-20-16






CITY OF EL PASO
CITY OF EL PASO SUMMARY OF COST PROPOSALS (1)



BID TITLE: TRAFFIC MANAGEMENT CENTER RELOCATION RE-BID		BID NO: 2014-125	
BID DATE: February 5, 2014		DEPARTMENT: ENGINEERING & CONSTRUCTION MANAGEMENT	
	TRI-STATE ELECTRIC, LTD. EL PASO, TX BIDDER (1 OF 1)		
BASE BID	\$1,224,881.79		
OPTION 1: ADD/DROP MULTIPLEXER (OC-12)	\$43,253.65		
OPTION 2: VIRTUALIZATION SOFTWARE/RACKMOUNT SERVER SYSTEM	\$50,303.24		
BID BOND SUBMITTED	YES		

(1) THIS PORTION IS PART "A" OF THE COMPETITIVE SEALED PROPOSAL OFFEROR CRITERIA EVALUATION

NOTE: The information contained in this bid tabulation is for information only and does not constitute actual award/execution of contract.

Approved by: 
Date: 2/5/2014



Traffic Management Center Relocation

Solicitation 2014-125

April 8, 2014



Background

- Due to City Hall relocation efforts the Traffic Management Center was temporarily placed at an area on the Municipal Service Center.
- Also the existing software and hardware needs updating.
- This project will permanently house the Traffic Management Center at the Municipal Service Center.
- The project will also update and enhance the expanded needs and operations of El Paso Department of Transportation Intelligent Transportation Systems.
- The Traffic Management Center is being funded by City Hall Relocation funds.
- District No. 7



Traffic Management Center Functions

- **Incident and Special Events Management**
 - The TMC provides for incident management response by changing traffic signal parameters in real time during incidents that detour traffic onto the access roads.
 - The incident response actions provide motorists with a faster and safer trip on alternate routes in addition to reducing fuel consumption, and improving air quality.
- **Operations and Maintenance**
 - The ability to monitor traffic signals from a central location allows for the instant notification of faults or equipment malfunction and dispatching of service personnel.
 - Other basic operations include handling trouble calls, troubleshooting identified problems, and monitoring traffic conditions in the field.
- **Timing and Coordination of Traffic signals**
 - As changes are made to the timing and coordination of traffic signals, TMC personnel are tasked with testing and evaluating timing plans in the test traffic controller before it is implemented in the field.



Scope of Work

- Consists of the complete renovation and upgrade of the Traffic Management Center (TMC) located at the Municipal Service Center (MSC).
- Involves the reconstruction of an existing building and upgrading the intelligent transportation system and telecommunication service connections.
- Includes the installation and training of intelligent transportation electronic equipment, software, video wall, computers, an open area with four (4) workstations and a fire suppression system.

Traffic Management Center





Traffic Management Center





Procurement Summary

The project was bid out as a competitive sealed bid proposal

- Solicitation was advertised for twenty-two (22) days
- One (1) company submitted a bid
- The bidder is local
- The subcontractor is local

Recommendation

- Deem Tri State as the bidder who will provide the best offer and award Base Bid, Option No. 1 and 2 in the amount of \$1,318,438.68.

Schedule

- Start May 2014 and complete work in November 2014



Questions/Comments