

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

DEPARTMENT: Engineering and Construction Management

AGENDA DATE: October 22, 2013

CONTACT PERSON/PHONE: Irene D. Ramirez, P.E., Interim City Engineer, 541-4428

DISTRICT(S) AFFECTED: 5

SUBJECT:

Discussion and action to award Solicitation No. 2013-227 for Zaragoza Road Fiber Optic Interconnect (FM 659) to Tri-State Electric, Ltd., for an estimated total amount of \$799,989.80

Department:	Engineering and Construction Management
Award to:	Tri-State Electric, Ltd. Vinton, TX
Base Bid I:	\$799,989.80
Total Estimated Award:	\$799,989.80
Time for Completion:	180 Consecutive Calendar Days
Accounts:	190-38170-580270-4950- PCP10TRAN120 190-28320-580270-4510- PCP10TRAN120
Funding Source:	Texas Department of Transportation and 2010 Certificates of Obligation
District:	5

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.

Work under this unit price contract is only an estimated value and will be ordered, performed, invoiced, and paid by measured quantity. The actual cost of this contract may be higher or lower than the total estimated value and will be the sum total of unit prices at the end of the contract term.

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 low bid, unit-price contract. The Engineering & Construction Management Department recommends award as indicated to the lowest responsive and responsible bidder.

BACKGROUND / DISCUSSION:

This project consists of interconnecting traffic signals and related infrastructure along Zaragoza Road from Edgemere Blvd to Montwood Dr. The proposed system will transmit to the existing City of El Paso Traffic Management Center and Texas Department of Transportation Trans-Vista Center. As a result, the City will control the traffic signals from the Traffic Management Center.

SELECTION SUMMARY:

The solicitation was advertised on 7/9/13, 7/16/13 and 7/23/13. A total of 14 interested bidders picked up a bid package. The bid was opened on 7/31/13 and 2 bids were received.

PRIOR COUNCIL ACTION:

N/A

AMOUNT AND SOURCE OF FUNDING:

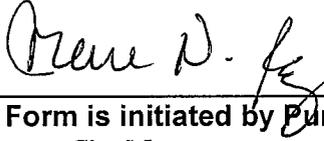
Total estimated amount \$799,989.80 – Texas Department of Transportation and 2010 Certificates of Obligation

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

Zaragoza Road Fiber Optic Interconnect (FM 659)

CSJ 1046-01-024

SOLICITATION No. 2013-227

SCOPE OF WORK

This contract is for the interconnect of 9 traffic signal controllers, interconnect of 9 traffic signal Video Imaging Vehicle Detection System, 2 school zone flashers and construction, installation, testing, and integration of 4 CCTV cameras, hardware, software, conduit, and fiber optic cable, as well as the communication systems into the existing City of El Paso Traffic Management Center and TransVista as shown on the plans, specifications, and as directed by the Engineer.

The description of this scope of work, as shown above, is only a general overview of this project. Contractor shall refer to the Construction Drawings and Contract Specifications for further information.

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

Dedicated to Outstanding Customer Service for a Better Community

S E R V I C E S O L U T I O N S S U C C E S S



**ENGINEERING AND CONSTRUCTION
MANAGEMENT DEPARTMENT**

August 6, 2013

Blanca Serrano-Rivera
Programming & Scheduling
Texas Department of Transportation
13301 Gateway Blvd. West
El Paso, Texas 79928-5410

Re: Zaragoza Fiber InterConnect FM 656,
Solicitation No: 2013-227, CSJ 1046-01-024

Dear Blanca:

We have reviewed the above subject bid and we recommend that Base Bid I be awarded to **Tri-State Electric, Ltd.**, as the lowest most responsive and responsible bidder meeting specifications.

Base Bid I: \$799,989.80

Total estimated contract award: **\$799,989.80.**

If you have any questions, please call me at 915-541-4133.

Sincerely,

Victor Garzon, CNU-A.
Project Manager

Cc: Claudia A. Garcia, Procurement Analyst

Mayor
John F. Cook

City Council

District 1
Ann Morgan Lilly

District 2
Susie Byrd

District 3
Emilia Acosta

District 4
Carl L. Robinson

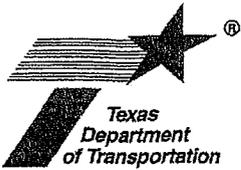
District 5
Dr. Michiel R. Noe

District 6
Eddie Holguin Jr.

District 7
Steve Ortega

District 8
Cortney Carlisle Niland

City Manager
Joyce A. Wilson



RECEIVED
OCT 01 2013
DED

RECEIVED
OCT 07 2013
CONSTRUCTION
DIVISION

MEMO

September 30, 2013

To: John A. Barton, P.E.
Deputy Executive Director

From: John F. Obr, P.E. ← for
Construction Division Director

Subject: Award of Local Let Project

for
[Signature]
Darren G. Hazlett P.E.

Control: 1046-01-024
Project: STP 2013 (865) MM
Highway: FM 659
El Paso County

RECEIVED
OCT 09 2013

Construction Division

The above referenced project has been reviewed. The City of El Paso and the El Paso District recommend awarding the contract to Tri-State Electric, LTD. The total amount of the low bid was \$799,989.80, which is 13.6 percent under the engineer's estimate of \$925,528.09. Funds for this project are allocated in accordance with the Federal Project Authorization and Agreement (FPAA). The City is responsible for any costs above the maximum authorized federal amount.

Attached are the State Letter of Authority for locally let projects and the FPAA, indicating clearances for the following:

- Right of way
- Encroachments
- Relocation assistance
- Utilities
- Environmental

We request your concurrence in the award of this project. If you have any questions, please call Brian Hohle at 512/416-2491.

I CONCUR

John A. Barton, P.E.
4 Oct 2013

Dedicated to Outstanding Customer Service for a Better Community

SERVICE SOLUTIONS SUCCESS



October 09, 2013
Mr. Garzon, CNU-A
222 S. Campbell 2nd Floor,
El Paso, Texas 79901

Dear Mr. Garzon,

The Department of Transportation (EPDoT) has received your email requesting user department concurrence with the recommendation that Base Bid 1 be awarded to Tri-State Electric for Solicitation No 2013-227, CSJ 1046-01-024. Your recommendation letter stated that Tri-State Electric is the lowest most responsive bidder meeting specifications.

Given that Tri-State Electric is the lowest most responsive bidder meeting specifications, we concur with your recommendation.

Please let us know if you require additional information.

Sincerely,

Tony Do
Electrical Engineer Associate
City of El Paso
Department of Transportation
915-621-6871

Mayor
Oscar Leeser

City Council

District 1
Ann Morgan Lilly

District 2
Larry Romero

District 3
Emma Acosta

District 4
Carl L. Robinson

District 5
Dr. Michiel R. Nos

District 6
Eddie Holguin Jr.

District 7
Lily Limon

District 8
Corney C. Niland

City Manager
Joyce A. Wilson



Department of Transportation (EPDoT)
Ted Marquez, Director

7968 San Paulo Drive, El Paso, TX 79907 • (915) 621-6480 • Fax (915) 621-6772

www.elpasotexas.gov

EL PASO. IT'S ALL GOOD.

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.

INTELLIGENT TRANSPORTATION SYSTEMS (ITS)
PROJECT EXPERIENCE

Please provide a list of all ITS construction projects that are in progress by your organization or which have been completed. 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 Coastcom Ring A

Owner's Name Texas Department of Transportation Address 13301 Gateway West El Paso, TX 79928

Phone Number (915) 790-4341 Email _____

Construction Value \$ 40,328,000 / % Complete 20 / Completion Date In Progress - TBD

Designer and Architect Texas Department of Transportation

Project Description and Scope of Work Replacing obsolete T1 Multiplexing equipment with OTN nodes within existing TxDOT cabinets and Environmentally Controlled Vaults.

Name and Location of Project LP 375 (Transmountain Rd/Woodrow Bean) Improvements (CSJ # 2552-01-036)

Owner's Name Texas Department of Transportation Address 13301 Gateway West El Paso, TX 79928

Phone Number (915) 790-4341 Email _____

Construction Value \$ 5 m / % Complete 50 / Completion Date In Progress - Estimated in August 2014

Designer and Architect Texas Department of Transportation Construction Value \$5,075,620.76

Project Description and Scope of Work Construction of main lanes & reconstruction of frontage roads. Install & integrate Traffic Management as well as OTN equipment into existing OTN ring.

Name and Location of Project LP 375 (César Chávez/Border Highway)(CSJ # 2552-04-029)

Owner's Name Texas Department of Transportation Address 13301 Gateway West El Paso, TX 79928

Phone Number (915) 790-4341 Email _____

Construction Value \$ 12 m / % Complete 75 / Completion Date In Progress - Estimated in End of August 2013

Designer and Architect Villa Verde Incorporated Construction Value \$8,700,197.50

Project Description and Scope of Work Construction of main lanes, upgrade & integrate Traffic Management System, installing OTN equipment.

Name and Location of Project LP 375 (Transmountain Rd West)(CSJ # 2552-01-033)

Owner's Name Texas Department of Transportation Address 13301 Gateway West El Paso, TX 79928

Phone Number (915) 790-4341 Email _____

Construction Value \$ 6.6 m / % Complete 50 / Completion Date In Progress - Estimated in 2014

Designer and Architect HDR Engineering, Inc. / TxDOT Construction Value \$6,214,124.00

Project Description and Scope of Work Construction of main lanes. Furnish, install, test & integrate Traffic Management System and OTN equipment into existing system.

Name and Location of Project Montwood Direct Connector (CSJ # 2552-03-034)

Owner's Name Texas Department of Transportation Address 13301 Gateway West El Paso, TX 79928

Phone Number (915) 790-4341 Email _____

Construction Value \$ 2.3 m / % Complete 45 / Completion Date In Progress - TBD Construction Value \$2,330,990.92

Designer and Architect Texas Department of Transportation

Project Description and Scope of Work Construction of bridge structures. Furnish, install, test & integrate new Traffic Management components and OTN equipment.

**PAST COMPLETED INTELLIGENT TRANSPORTATION SYSTEM (ITS)
PROJECT EXPERIENCE**

The prime submitting firm or its specialty contractor, in order to be pre-qualified for this project must have completed (3) ITS projects, in the last (3) years. In addition, (1) ITS project in the past (3) years must be in good operating condition for at least one year. Only those projects where the complete construction of the system has been the sole responsibility of your firm can be included. Please provide detailed project information and verifiable references for each of these qualifying ITS projects. No exceptions will be made to these requirements.

PROJECT INFORMATION / PHOTO REQUIRED – Please provide all information requested and utilize additional sheets as necessary. Also provide at least one (1) photo of each completed construction.

Name and Location of Project ITS Expansion Project - Solicitation No. 2010-112
 Owner's Name City of El Paso Address Tillman Center 222 S. Campbell St. El Paso, TX 79901
 Phone Number (915) 541-4200 Email ecmhelp@elpasotexas.gov
 Construction Value \$ 2.1m / % Complete 100 / Completion Date May 2012 Construction Value \$1,972,963.33
 Designer and Architect City of El Paso

Project Description and Scope of Work Expansion of Traffic Management System by installing fiber optic interconnect & OTN equipment along various city streets.
 Name and Location of Project City of El Paso Fiber Optic Network - Solicitation No. 2009-242
 Owner's Name City of El Paso Address Tillman Center 222 S. Campbell St. El Paso, TX 79901
 Phone Number (915) 541-4200 Email ecmhelp@elpasotexas.gov
 Construction Value \$ 3.2m / % Complete 100 / Completion Date February 2011 Construction Value \$2,578,756.05
 Designer and Architect City of El Paso Engineering Department

Project Description and Scope of Work Furnish & install communications infrastructure & OTN equipment into the City's existing Information Technology Department
 Name and Location of Project US 54 Widening to Six Lane Divided Facility (CSJ # 0167-01-081)
 Owner's Name Texas Department of Transportation Address 13301 Gateway West El Paso, TX 79928
 Phone Number (915) 790-4341 Email _____
 Construction Value \$ 7.2m / % Complete 100 / Completion Date December 2011 Construction Value \$6,957,642.16
 Designer and Architect KBR Technical Services

Project Description and Scope of Work Furnish, install, test & integrate Traffic Management hardware & OTN equipment into existing TxDOT Transvista Traffic Management Center (TMC).
 Name and Location of Project Spur 601 (Liberty Expressway)(CSJ # 1046-03-001)
 Owner's Name Texas Department of Transportation Address 13301 Gateway West El Paso, TX 79928
 Phone Number (915) 790-4341 Email _____
 Construction Value \$ 30.7m / % Complete 100 / Completion Date June 2011 Construction Value \$ _____
 Designer and Architect URS

Project Description and Scope of Work Construction of 4 & 6 lane divided facility from LP 375 to US 54. Furnish, install & integrate traffic management & OTN equipment.
 Name and Location of Project Border Station Inspection Facility (BSIF)(CSJ #0924-06-280)
 Owner's Name Texas Department of Transportation Address 13301 Gateway West El Paso, TX 79928
 Phone Number (915) 790-4341 Email _____
 Construction Value \$ 4.3m / % Complete 100 / Completion Date September 2011 Construction Value \$4,340,402.00
 Designer and Architect Wilbur Smith Associates & PGAL

Project Description and Scope of Work Install & integrate components of a Traffic Management System (TMS) at two Zaragoza Fiber Interconnect (2) separate inspection facilities at Land Port of Entries. June 27, 2013

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

Zaragoza Road Fiber Optic Interconnect (FM 659)

TxDOT CSJ 1046-01-024

SOLICITATION No. 2013-227

within the specified limits and in accordance with the plans, including **Addenda numbers** _____, AT THE FOLLOWING UNIT PRICES:

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

For this solicitation, the lowest responsible bid will be determined based on the sum total of BASE BID I.

Disadvantaged Business Enterprise (DBE) Program Requirements are governing this Contract. The following goal has been established: 3%

NOTE: The quantities shown in the unit price schedule are ESTIMATES ONLY. They are shown here only for the purpose of comparing bids as an expected total expenditure. The City, at its sole discretion, will direct exactly how many actual units will be placed, and will pay for only those units that are ordered and accepted. No payments will be made regarding the estimated quantities, they are estimates only.

Estimates are minimums, but not guaranteed minimums, and the contract cost can increase so long as the unit costs remain the same and the increased funds are appropriated in the budget.
Line item entries shall prevail over sum total entries. When discrepancies exist between unit prices and corresponding extended prices, unit prices shall prevail.

EACH PROPOSAL MUST BE SUBMITTED ON THE PRESCRIBED FORM AND all blank spaces on the proposal form for proposal prices must be filled in, in ink or typewritten. FAILURE TO FILL IN ALL BLANK SPACES SHALL CAUSE THE BID PROPOSAL TO BE DEEMED NOT RESPONSIVE AND BID PROPOSAL WILL NOT BE CONSIDERED IN DETERMINING THE LOWEST RESPONSIBLE BIDDER.

COMPANY NAME: Tri-State Electric, Ltd.

BIDDER'S SIGNATURE: _____

Proposal Zaragoza Road Fiber Optic Interconnect (FM 659)
Solicitation No. 2013-227

PRINT NAME: Dave Fuller

I-C-1

Rev-May 2012

BASE BID I - UNIT PRICE SCHEDULE:

Item No.	Estimated Quantity	Unit	Brief Description of Item	Unit Bid Price (in Figures)	Total Amount (Quantity x Unit Price) (in Figures)
1	62.5	CY	ITEM 110-2003 EXCAVATION (SPECIAL)	\$ <u>162.50</u>	\$ <u>10,156.25</u>
2	1	LS	ITEM 500-2001 MOBILIZATION	\$ <u>15000.00</u>	\$ <u>15,000.00</u>
3	6	MO	ITEM 502-2001 BARRICADES, SIGNS AND TRAFFIC HANDLING	\$ <u>1,200.00</u>	\$ <u>7,200.00</u>
4	160	LF	ITEM 618-2018 CONDT (PVC) (SCHD 40) (2")	\$ <u>8.50</u>	\$ <u>1,360.00</u>
5	155	LF	ITEM 618-2019 CONDT (PVC) (SCHD 40) (2") (BORE)	\$ <u>13.50</u>	\$ <u>2,092.50</u>
6	13,170	LF	ITEM 618-2022 CONDT (PVC) (SCHD 40) (3")	\$ <u>11.00</u>	\$ <u>144,870.00</u>
7	1,378	LF	ITEM 618-2023 CONDT (PVC) (SCHD 40) (3") (BORE)	\$ <u>15.00</u>	\$ <u>20,670.00</u>
8	14,808	LF	ITEM 620-2018 ELEC CONDR (NO. 14) INSULATED	\$ <u>1.95</u>	\$ <u>28,875.60</u>
9	11	EA	ITEM 624-2002 GROUND BOX TY 1 (122422) W/APRON	\$ <u>1,850.00</u>	\$ <u>20,350.00</u>
10	8	EA	ITEM 624-2004 GROUND BOX TY 2 (243636) W/APRON	\$ <u>2,500.00</u>	\$ <u>20,000.00</u>
11	1	LS	ITEM 6009-2001 ITS SYSTEM SUPPORT EQUIPMENT	\$ <u>60,650.00</u>	\$ <u>60,650.00</u>
12	4,823	LF	ITEM 8368-2003 CONDUIT (PREPARE)	\$ <u>2.00</u>	\$ <u>9,646.00</u>
13	1,333	LF	ITEM ELP02-2001 FIBER OPTIC PIGTAIL (12 FIBER)	\$ <u>3.05</u>	\$ <u>4,065.65</u>
14	19,678	LF	ITEM ELP02-2002 FIBER OPTIC CABLE SINGLE MODE (144 FIBER)	\$ <u>3.85</u>	\$ <u>75,760.30</u>
15	10	EA	ITEM ELP02-2004 FIBER OPTIC SPLICE ENCLOSURE	\$ <u>1,200.00</u>	\$ <u>12,000.00</u>
16	11	EA	ITEM ELP02-2005 EXTERNAL FIBER OPTIC PATCH PANEL (12 POSITION)	\$ <u>980.00</u>	\$ <u>10,780.00</u>
17	1	EA	ITEM ELP02-2007 FIBER OPTIC PATCH PANEL (144 POSITION)	\$ <u>1,500.00</u>	\$ <u>1,500.00</u>
18	19	EA	ITEM ELP02-2008 FIBER OPTIC CABLE ROAD MARKER	\$ <u>195.00</u>	\$ <u>3,705.00</u>

COMPANY NAME: Tri-State Electric Ltd.

BIDDER'S SIGNATURE: 

PRINT NAME: Dave Fuller

Proposal Zaragoza Road Fiber Optic Interconnect (FM 659)
Solicitation No. 2013-227

I-C-2

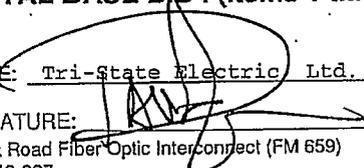
Rev-May 2012

Item No.	Estimated Quantity	Unit	Brief Description of Item	Unit Bid Price (in Figures)	Total Amount (Quantity x Unit Price) (in Figures)
19	1	EA	ITEM ELP03-2004 ETHERNET INTERFACE CARD	\$ 5,350.00	\$ <u>5,350.00</u>
20	2	EA	ITEM ELP18-2001 ETHERNET SERIAL PORT SERVER	\$ <u>3,500.00</u>	\$ <u>7,000.00</u>
21	2	EA	ITEM ELP19-2001 SCHOOL ZONE CLOCK	\$ <u>6,500.00</u>	\$ <u>13,000.00</u>
22	12	EA	ITEM ELP04-2001 FIELD HARDENED ETHERNET SWITCH	\$ <u>2,500.00</u>	\$ <u>30,000.00</u>
23	1	EA	ITEM ELP05-2001 VIDEO ENCODER RACK MOUNTABLE (8 PORTS)	\$ <u>8,000.00</u>	\$ <u>8,000.00</u>
24	9	EA	ITEM ELP06-2001 170 CTRL PORT SERVER	\$ <u>3,200.00</u>	\$ <u>28,800.00</u>
25	1	EA	ITEM ELP07-2001 4:1 VIDEO MUX (CARD)	\$ <u>4,300.00</u>	\$ <u>4,300.00</u>
26	10	EA	ITEM ELP07-2002 4:1 VIDEO DE-MUX (CARD)	\$ <u>4,300.00</u>	\$ <u>43,000.00</u>
27	9	EA	ITEM ELP07-2003 4:1 VIDEO MUX (STAND ALONE)	\$ <u>3,500.00</u>	\$ <u>31,500.00</u>
28	2	EA	ITEM ELP07-2004 VIDEO (DE)MUX CARD RACK	\$ <u>2,500.00</u>	\$ <u>5,000.00</u>
29	2	EA	ITEM ELP08-2001 RS-232 PORT EXPANDER	\$ <u>1,500.00</u>	\$ <u>3,000.00</u>
30	1	LS	ITEM ELP10-2001 SYSTEM INTEGRATION	\$ <u>18,000.00</u>	\$ <u>18,000.00</u>
31	4	EA	ITEM ELP17-2001 CCTV DOME CAMERA	\$ <u>6,500.00</u>	\$ <u>26,000.00</u>
32	4	EA	ITEM ELP13-2001 VOTR W/ DATA (STAND ALONE)	\$ <u>3,500.00</u>	\$ <u>14,000.00</u>
33	4	EA	ITEM ELP13-2002 VOTR W/ DATA (CARD)	\$ <u>3,500.00</u>	\$ <u>14,000.00</u>
34	1	EA	ITEM ELP13-2003 VOTR W/ DATA CARD RACK	\$ <u>3,200.00</u>	\$ <u>3,200.00</u>
35	910	LF	ITEM ELP14-2001 VIVDS COMM CABLE (COAXIAL)	\$ <u>4.00</u>	\$ <u>3,640.00</u>
36	17,538	LF	ITEM ELP15-2001 FLEXIBLE FABRIC INNERDUCT (3")	\$ <u>4.25</u>	\$ <u>74,536.50</u>
37	588	EA	ITEM ELP15-2002 FLEXIBLE FABRIC INNERDUCT (2")	\$ <u>6.50</u>	\$ <u>3,822.00</u>
38	2	EA	ITEM ELP16-2001 CCTV CAMERA CABINET	\$ <u>7,580.00</u>	\$ <u>15,160.00</u>

SUM TOTAL BASE BID I (Items 1 thru 38)

\$ 789,833.55

COMPANY NAME: Tri-State Electric Ltd.

BIDDER'S SIGNATURE: 

PRINT NAME: Dave Fuller

Proposal Zaragoza Road Fiber Optic Interconnect (FM 659)
Solicitation No. 2013-227

I-C-3

Rev-May 2012

ENGINEERING & CONSTRUCTION MANAGEMENT BID TAB SUMMARY

BID NO: 2013-227
BID TITLE: ZARAGOZA ROAD FIBER OPTIC INTERCONNECT (FM 659)
 TXDOT CSJ 1046-01-024
BID DATE: July 31, 2013

BIDDER	SUM TOTAL BASE BID (ITEMS 1 - 38)	
TRI-STATE ELECTRIC, LTD El Paso, TX	\$799,989.80	
	CONTRACTOR'S TOTAL = \$789,833.55	
EL PASO A.R.C. El Paso, TX	\$819,240.52	
	CONTRACTOR'S TOTAL = \$815,740.52	



CITY OF EL PASO BID TABULATION FORM



BID TITLE: ZARAGOZA ROAD FIBER OPTIC INTERCONNECT (FM 659) TXDOT CSJ 1046-01-024				BID NO: 2013-227			
BID DATE: July 31, 2013				DEPARTMENT: ENGINEERING & CONSTRUCTION MANAGEMENT			
				TRI-STATE ELECTRIC, LTD. EL PASO, TX		EL PASO A.R.C. EL PASO, TX	
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID 1 - UNIT PRICE SCHEDULE:							
1	62.5	CY	ITEM 110-2003 EXCAVATION (SPECIAL)	\$162.50	\$10,156.25	\$300.00	\$18,750.00
2	1	LS	ITEM 500-2001 MOBILIZATION	\$15,000.00	\$15,000.00		\$0.00
3	6	MO	ITEM 502-2001 BARRICADES, SIGNS AND TRAFFIC HANDLING	\$1,200.00	\$7,200.00	\$3,650.00	\$21,900.00
4	160	LF	ITEM 618-2018 CONDT (PVC) (SCHD 40) (2")	\$8.50	\$1,360.00	\$10.25	\$1,640.00
5	155	LF	ITEM 618-219 CONDT (PVC) (SCHD 40) (2") (BORE)	\$13.50	\$2,092.50	\$18.00	\$2,790.00
6	13,170	LF	ITEM 618-2022 CONDT (PVC) (SCHD 40) (3")	\$11.00	\$144,870.00	\$11.00	\$144,870.00
7	1,378	LF	ITEM 618-2023 CONDT (PVC) (SCHD 40) (3") (BORE)	\$15.00	\$20,670.00	\$25.00	\$34,450.00
8	14,808	LF	ITEM 620-2018 ELEC CONDR (NO. 14) INSULATED	\$1.95	\$28,875.60	\$0.95	\$14,067.60
9	11	EA	ITEM 624-2002 GROUND BOX TY 1 (122422) W/APRON	\$1,850.00	\$20,350.00	\$1,200.00	\$13,200.00
10	8	EA	ITEM 624-2004 GROUND BOX TY 2 (243636) W/APRON	\$2,500.00	\$20,000.00	\$1,450.00	\$11,600.00
11	1	LS	ITEM 6009-2001 ITS SYSTEM SUPPORT EQUIPMENT	\$60,650.00	\$60,650.00	\$46,000.00	\$46,000.00
12	4,823	LF	ITEM 8368-2003 CONDUIT (PREPARE)	\$2.00	\$9,646.00	\$2.30	\$11,092.90
13	1,333	LF	ITEM ELP02-2001 FIBER OPTIC PIGTAIL (12 FIBER)	\$3.05	\$4,065.65	\$15.00	\$19,995.00

Approved By: *CBertalli*
DATE: 8/8/2013



CITY OF EL PASO BID TABULATION FORM



BID TITLE: ZARAGOZA ROAD FIBER OPTIC INTERCONNECT (FM 659) TXDOT CSJ 1046-01-024				BID NO: 2013-227			
BID DATE: July 31, 2013				DEPARTMENT: ENGINEERING & CONSTRUCTION MANAGEMENT			
				TRI-STATE ELECTRIC, LTD. EL PASO, TX		EL PASO A.R.C. EL PASO, TX	
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
14	19,678	LF	ITEM ELP02-2002 FIBER OPTIC CABLE SINGLE MODE (144 FIBER)	\$3.85	\$75,760.30	\$2.87	\$56,475.86
15	10	EA	ITEM ELP02-2004 FIBER OPTIC SPLICE ENCLOSURE	\$1,200.00	\$12,000.00	\$1,165.00	\$11,650.00
16	11	EA	ITEM ELP02-2005 EXTERNAL FIBER OPTIC PATCH PANEL (12 POSITION)	\$980.00	\$10,780.00	\$1,100.00	\$12,100.00
17	1	EA	ITEM ELP02-2007 FIBER OPTIC PATCH PANEL (144 POSITION)	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
18	19	EA	ITEM ELP02-2008 FIBER OPTIC CABLE ROAD MARKER	\$195.00	\$3,705.00	\$175.00	\$3,325.00
19	1	EA	ITEM ELP03-2004 ETHERNET INTERFACE CARD	\$5,350.00	\$5,350.00	\$4,000.00	\$4,000.00
20	2	EA	ITEM ELP18-2001 ETHERNET SERIAL PORT SERVER	\$3,500.00	\$7,000.00	\$3,500.00	\$7,000.00 CONTRACTOR'S TOTAL = \$3,500.00
21	2	EA	ITEM ELP19-2001 SCHOOL ZONE CLOCK	\$6,500.00	\$13,000.00	\$2,800.00	\$5,600.00
22	12	EA	ITEM ELP04-2001 FIELD HARDENED ETHERNET SWITCH	\$2,500.00	\$30,000.00	\$5,565.00	\$66,780.00
23	1	EA	ITEM ELP05-2001 VIDEO ENCODER RACK MOUNTABLE (8 PORTS)	\$8,000.00	\$8,000.00	\$5,500.00	\$5,500.00
24	9	EA	ITEM ELP06-2001 170 CTRL PORT SERVER	\$3,200.00	\$28,800.00	\$1,850.00	\$16,650.00
25	1	EA	ITEM ELP07-2001 4:1 VIDEO MUX (CARD)	\$4,300.00	\$4,300.00	\$4,200.00	\$4,200.00
26	10	EA	ITEM ELP07-2002 4:1 VIDEO DE-MUX (CARD)	\$4,300.00	\$43,000.00	\$4,200.00	\$42,000.00

Approved By: *C Bertolli*
DATE: 8/8/2013



CITY OF EL PASO BID TABULATION FORM



BID TITLE: ZARAGOZA ROAD FIBER OPTIC INTERCONNECT (FM 659) TXDOT CSJ 1046-01-024					BID NO: 2013-227					
BID DATE: July 31, 2013					DEPARTMENT: ENGINEERING & CONSTRUCTION MANAGEMENT					
					TRI-STATE ELECTRIC, LTD. EL PASO, TX		EL PASO A.R.C. EL PASO, TX			
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL			
27	9	EA	ITEM ELP07-2003 4:1 VIDEO MUX (STAND ALONE)	\$3,500.00	\$31,500.00	\$5,600.00	\$50,400.00			
28	2	EA	ITEM ELP07-2004 VIDEO (DE)MUX CARD RACK	\$2,500.00	\$5,000.00	\$2,600.00	\$5,200.00			
29	2	EA	ITEM ELP08-2001 RS-232 PORT EXPANDER	\$1,500.00	\$3,000.00	\$3,500.00	\$7,000.00			
30	1	LS	ITEM ELP10-2001 SYSTEM INTEGRATION	\$18,000.00	\$18,000.00	\$30,000.00	\$30,000.00			
31	4	EA	ITEM ELP17-2001 CCTV DOME CAMERA	\$6,500.00	\$26,000.00	\$2,700.00	\$10,800.00			
32	4	EA	ITEM ELP13-2001 VOTR W/DATA (STAND ALONE)	\$3,500.00	\$14,000.00	\$4,800.00	\$19,200.00			
33	4	EA	ITEM ELP13-2002 VOTR W/DATA (CARD)	\$3,500.00	\$14,000.00	\$4,500.00	\$18,000.00			
34	1	EA	ITEM ELP13-2003 VOTR W/DATA CARD RACK	\$3,200.00	\$3,200.00	\$2,975.00	\$2,975.00			
35	910	LF	ITEM ELP14-2001 VIVDS COMM CABLE (COAXIAL)	\$4.00	\$3,640.00	\$3.50	\$3,185.00			
36	17,538	LF	ITEM ELP15-2001 FLEXIBLE FABRIC INNERDUCT (3")	\$4.25	\$74,536.50	\$4.82	\$84,533.16			
37	588	EA	ITEM ELP15-2002 FLEXIBLE FABRIC INNERDUCT (2")	\$6.50	\$3,822.00	\$3.25	\$1,911.00			
38	2	EA	ITEM ELP16-2001 CCTV CAMERA CABINET	\$7,580.00	\$15,160.00	\$4,300.00	\$8,600.00			
SUM TOTAL BASE BID (ITEMS 1 - 38)				\$799,989.80		\$819,240.52				
				CONTRACTOR'S TOTAL = \$789,833.55		CONTRACTOR'S TOTAL = \$815,740.52				
BID BOND SUBMITTED				YES		YES				

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

Approved By: *C Bertalli*
DATE: 8/8/2013



Zaragoza Road Fiber Optic Interconnect Solicitation No. 2013-227



Project Information

- **Purpose:**
 - This purpose of this project is to interconnect traffic signals and related infrastructure along Zaragoza Road from Edgemere Blvd to Montwood Dr. The proposed system will transmit to the existing City of El Paso Traffic Management Center and TxDOT Trans-Vista system.



Project Information

- **Scope:**
 - This project consists of the following infrastructure:
 - Interconnection of nine (9) traffic signal controllers and nine (9) traffic signal Video Imaging Vehicle Detection System (VIVIDS) and two (2) school flashers
 - Installation of four (4) CCTV cameras
 - Provide and install the required hardware, software, conduit, and fiber optic cable.



Funding Source: Texas Department of Transportation and 2010 Certificates of Obligation

- This is a Low bid, unit price contract
 - **Two (2)** bids were received
- Recommendation:
 - **Deem Tri-State Electric, Ltd** as the lowest responsible and responsive bidder
 - Award Base Bid to **Tri-State Electric, Ltd in the amount of \$ 799,989.80**

Construction Time Frame: **180** Consecutive Calendar Days
Construction Start: December 2013
Final Completion: June 2014



Questions/Comments