

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

DEPARTMENT: Engineering and Construction Management

AGENDA DATE: August 28, 2012

CONTACT PERSON NAME AND PHONE NUMBER: R. Alan Shubert, P.E., City Engineer, 541-4423

DISTRICT(S) AFFECTED: All

SUBJECT:

Discussion and action to award Solicitation No. 2012-286 for Fiber Optic Interconnect to El Paso A.R.C. Electric, Inc., for a total estimated amount of \$1,046,287.77.

BACKGROUND / DISCUSSION:

The intent of this project is to interconnect several facilities through the installation of fiber optic and computer communications network equipment in several locations citywide. The installation of the infrastructure will allow Information Technology (IT) capabilities for the installation of computer equipment, voice over IP and video surveillance.

The total contract time is 2 years.

This is a low bid, unit-priced contract. El Paso A.R.C. Electric, Inc. is the lowest responsible, responsive bidder. 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.

PRIOR COUNCIL ACTION:

N/A

AMOUNT AND SOURCE OF FUNDING:

Total estimated amount of \$1,046,287.77– Various Funding Sources

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

CONSTRUCTION PROJECT FORM
Unit Price

DATE: August 20, 2012

AGENDA DATE: August 28, 2012

RECOMMENDATION:

Discussion and action to award Solicitation No. 2012-286 for Fiber Optic Interconnect to El Paso A.R.C. Electric, Inc., for a total estimated amount of \$1,046,287.77.

Department:	Engineering and Construction Management
Award to:	El Paso A.R.C. Electric, Inc. El Paso, TX
Base Bid:	\$1,046,287.77
Total Estimated Award:	\$1,046,287.77
Time for Completion:	2 Years
Funding Source:	Various Funding Sources
Districts:	All

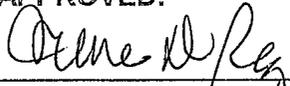
It is requested that the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for execution of this award.

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 and Construction Management Department recommends award as indicated to the lowest responsive and responsible bidder.
[Engineering and Construction Management, R. Alan Shubert, (915) 5414423]

APPROVED:


for R. Alan Shubert, P.E.
City Engineer

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 & CONSTRUCTION
MANAGEMENT DEPARTMENT**



Date: August 20, 2012

To: Claudia A. Garcia
Engineering & Construction Management Dept

Through: Javier Reyes, P.E.
Engineering Division Manager

From: Victor M. Garzon *VG*
Project Manager

Cc: Ed Ozogar
Information Technology

Subject: Fiber Optic Interconnect
Solicitation No. 2012-286

We have reviewed the above subject bid and we recommend that the **Base Bid**, be awarded to **EL PASO A.R.C. ELECTRIC, INC**, as the lowest most responsive and responsible bidder meeting specifications. Total estimated contract award of **\$ 1,046,287.77**.

Base Bid \$ 1,046,287.77

If you have any question please call me at 541-4133.

Mayor
John F. Cook

City Council

District 1
Ann Morgan Lilly

District 2
Susie Byrd

District 3
Emma 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

Contractor Experience Reference Form

Contractor **EL PASO A.R.C. ELECTRIC, INC**

Project 1 **BIO GAS CO-GENERATION PROJECT, FRED HENREY WATER RECLAMATION PLANT**

Project 1 Scope Installation of fiber optic cable (indoor/outdoor plant), replacement of fiber optic patch panels, and installation of conduit system

Project 1 Comments The contractor completed the work on schedule and provided a good quality work. In addition, the contractor was cooperative with changes on the project.

Project 2 **UTEP CHEMISTRY & COMPUTER SCIENCE BUILDING**

Project 2 Scope Installation of fiber optic (indoor/outdoor plant), termination of fiber optic cables, and installation of conduit system

Project 2 Comments Contractor completed the work on time, was cooperative and provided good quality work.

Project 3

Project 3 Scope

Project 3 Comments

Fiber Optic Interconnect

SOLICITATION No. 2012-286

SCOPE OF WORK

LOCATION: Citywide

GENERAL DESCRIPTION:

The intent of this project is to interconnect several facilities through the installation of fiber optic and computer communications network equipment in several locations citywide.

This installation will include:

- Replace part of copper with fiber optic.
- Install communication in areas where no communication currently exists (bore or trench new conduit and fiber and install fiber inside buildings).
- Install or replace ground boxes.
- Splice fiber optics.
- Restore pavement, concrete, sidewalks and landscape.
- Identify utilities (line spotting)

The installation of the infrastructure will allow Information Technology (IT) capabilities for the installation of computer equipment, voice over IP and video surveillance.

The project consists of two main parts:

Interconnection of Systems: The systems will be interconnected to various facilities throughout the City. The City of El Paso IT Department shall determine where individual sites shall be connected and will issue one task order per site.

Interconnection of Facilities: The facilities will be interconnected to the systems in the following manner:

This contract shall also include the testing and integration of the fiber optic connectivity to the Transtelco main trunk. The connectivity point to point must be completed, tested and verified.

Other construction elements include demolition of sidewalk, curb and gutter, pavement (concrete and/or sidewalk), concrete slabs, landscaping, irrigation, trees, and shrubs. The demolition of the above listed items shall be replaced with items of similar size and type.

The contract includes all labor, materials, traffic control in accordance with the latest Manual of Uniform Traffic Control Devices (MUTCD), tools necessary for installation of the fiber optic network, utility line spotting, utility coordination, storm water pollution prevention plan. All labor, material, traffic control and mobilization costs shall be built in on ALL unit price items.

Notes:

The contractor shall respond to a request for a cost proposal within two (2) working days of such request. A separate notice to proceed will be issued for each job locality and shall indicate a completion date for work. The Owner has the option to issue concurrent notices to proceed on different work requests. Liquidated damages apply to each job locality and associated notice to proceed.

- A. This is a unit price requirements contract.
Contractor shall provide Performance and Payment bonds for 100% value of the total estimated amount of award contract amount.

The estimated quantities indicated in the proposal are only estimated quantities. The estimated quantities do not guarantee the quantity of work for the Contractor; rather, the actual quantity of work shall be dependent on the total of all purchase orders issued to the Contractor at the sole discretion of the City. The actual quantity of work may vary from the estimated quantities herein.

This is a unit price requirements contract

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

BID TITLE: Fiber Optic Interconnect				BID NO: 2012-286					
BID DATE: July 25, 2012				DEPARTMENT: ENGINEERING & CONSTRUCTION MANAGEMENT					
				El Paso A.R.C. Electric, Inc		Tri-State Electric LTD		Trans-American Communications, Inc	
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID – UNIT PRICE:									
1	12	MO	506-2001 BARRICADES, SIGN AND TRAFFIC CONTROL	\$ 4,139.08	\$ 49,668.96	\$ 5,000.00	\$ 60,000.00	\$ 49.00	\$ 588.00
					Contractors's Total = \$49,669.00				Contractors's Total = \$2,520.00
2	1,000	LF	618-2057 CONDT (RM)(3")(BORE)	\$ 40.47	\$ 40,470.00	\$ 45.00	\$ 45,000.00	\$ 2,411.00	\$ 2,411,000.00
					Contractors's Total = \$40,469.00				Contractors's Total = \$24,929.00
3	20	EA	ELPITO-2015 EXTERNAL PATCH PANEL (12 POSITION) (COEP)	\$ 623.45	\$ 12,469.00	\$ 1,200.00	\$ 24,000.00	\$ 618.00	\$ 12,360.00
4	400	LF	NEW CONDUIT INSTALLATION TRENCH (2" PVC) (SCHD 40) ITEM 618 – 2018	\$ 10.17	\$ 4,068.00	\$ 10.50	\$ 4,200.00	\$ 2,396.25	\$ 958,500.00
					Contractors's Total = \$4,069.00				Contractors's Total = \$5,289.00
5	12,351	LF	NEW CONDUIT INSTALLATION BORE (3" PVC) (SCHD 40) ITEM 618 – 2023	\$ 19.04	\$ 235,163.04	\$ 25.00	\$ 308,775.00	\$ 2,406.00	\$29,716,506.00
					Contractors's Total = \$235,138.00				Contractors's Total = \$21,356.00
6	25,756	LF	NEW CONDUIT INSTALLATION TRENCH (3" PVC) (SCHD 40) ITEM 618 – 2022	\$ 7.27	\$ 187,246.12	\$ 11.50	\$ 296,194.00	\$ 2,394.25	\$61,666,303.00
					Contractors's Total = \$187,200.00				Contractors's Total = \$137,608.00
7	10	EA	GROUND BOX (TY D W/APRON) ITEM 624 – 2014 .	\$ 731.00	\$ 7,310.00	\$ 985.00	\$ 9,850.00	\$ 1,650.00	\$ 16,500.00
					Contractors's Total = \$7,319.00				
8	60	EA	GROUND BOX (TY 1 W/APRON) ITEM 624 – 2002	\$ 877.82	\$ 52,669.20	\$ 1,200.00	\$ 72,000.00	\$ 1,850.00	\$ 111,000.00
					Contractors's Total = \$52,669.00				
9	15	EA	GROUND BOX (TY 2 W/APRON) ITEM 624 - 2004	\$ 1,257.27	\$ 18,859.05	\$ 1,500.00	\$ 22,500.00	\$ 2,250.00	\$ 33,750.00
					Contractors's Total = \$18,859.00				

Approved by: *Edward Nung* 7-26-2012

				El Paso A.R.C. Electric, Inc		Tri-State Electric LTD		Trans-American Communications, Inc	
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
10	45,299	LF	FIBER OPTIC CABLE SINGLE MODE (144 FIBER) ITEM ELPIT01 - 2005	\$ 4.49	\$ 203,392.51	\$ 2.95	\$ 133,632.05	\$ 1,850.56	\$ 83,828,517.44
					Contractors's Total = \$203,408.52				Contractors's Total = \$151,715.44
11	20	EA	FIBER OPTIC SPLICE ENCLOSURE, ITEM ELPIT01 - 2012	\$ 638.45	\$ 12,769.00	\$ 1,200.00	\$ 24,000.00	\$ 1,140.00	\$ 22,800.00
12	75	EA	FIBER OPTIC CABLE ROAD MARKER, ITEM ELPIT01 - 2013 I	\$ 456.25	\$ 34,218.75	\$ 95.00	\$ 7,125.00	\$ 283.00	\$ 21,225.00
					Contractors's Total = \$34,219.00				
13	10	EA	NEMA 4 SINGLE DOOR ENCOSURE, ITEM ELPIT01 - 2014	\$ 846.90	\$ 8,469.00	\$ 1,500.00	\$ 15,000.00	\$ 440.00	\$ 4,400.00
14	150	CY	EXCAVATION (SPECIAL) ITEM 110-2003	\$ 22.13	\$ 3,319.50	\$ 300.00	\$ 45,000.00	\$ 1,600.00	\$ 240,000.00
					Contractors's Total = \$3,319.00				
15	25	LF	CONDT (RM) (1") ITEM 618-2046	\$ 27.76	\$ 694.00	\$ 18.00	\$ 450.00	\$ 209.00	\$ 5,225.00
16	40	LF	CONDT (RM) (1 1/4") ITEM 618-2048	\$ 21.63	\$ 865.20	\$ 19.00	\$ 760.00	\$ 210.00	\$ 8,400.00
					Contractors's Total = \$865.00				
17	1,100	LF	CONDT (RM) (2") ITEM 618-2052	\$ 10.55	\$ 11,605.00	\$ 25.00	\$ 27,500.00	\$ 212.00	\$ 233,200.00
					Contractors's Total = \$11,601.00				
18	36,299	LF	ELEC CONDR (NO. 14) INSULATED ITEM 620-2018	\$ 0.61	\$ 22,142.39	\$ 1.00	\$ 36,299.00	\$ 200.10	\$ 7,263,429.90
					Contractors's Total = \$22,248.97				Contractors's Total = \$75,629.00

BID TITLE: Fiber Optic Interconnect				BID NO: 2012-286					
BID DATE: July 25, 2012				DEPARTMENT: ENGINEERING & CONSTRUCTION MANAGEMENT					
				El Paso A.R.C. Electric, Inc		Tri-State Electric LTD		Trans-American Communications, Inc	
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
19	5	EA	GROUND BOX (TY A W/APRON) ITEM 624 - 2008	\$ 952.03	\$ 4,760.15	\$ 900.00	\$ 4,500.00	\$ 1,500.00	\$ 7,500.00
20	5	EA	GROUND BOX (TY C W/APRON) ITEM 624 - 2012	\$ 1,050.78	\$ 5,253.90	\$ 950.00	\$ 4,750.00	\$ 1,700.00	\$ 8,500.00
21	10	EA	REMOVAL OF EXISTING BOXES ITEM 624-2034	\$ 396.80	\$ 3,968.00	\$ 600.00	\$ 6,000.00	\$ 1,200.00	\$ 12,000.00
22	500	LF	FIBER OPTIC CABLE SINGLE MODE (12 FIBER) ITEM ELPIT01 - 2001	\$ 2.67	\$ 1,335.00	\$ 2.25	\$ 1,125.00	\$ 946.80	\$ 473,400.00
					Contractors's Total = \$1,333.00				Contractors's Total = \$1,845.00
23	3,000	LF	FIBER OPTIC CABLE SINGLE MODE (24 FIBER) ITEM ELPIT01 - 2002	\$ 2.12	\$ 6,360.00	\$ 2.45	\$ 7,350.00	\$ 1,010.00	\$ 3,030,000.00
					Contractors's Total = \$6,348.00				Contractors's Total = \$10,080.00
24	1,500	LF	FIBER OPTIC CABLE SINGLE MODE (48 FIBER) ITEM ELPIT01 - 2003	\$ 4.46	\$ 6,690.00	\$ 2.55	\$ 3,825.00	\$ 1,080.00	\$ 1,620,000.00
					Contractors's Total = \$6,693.00				Contractors's Total = \$5,565.00
25	100	LF	FIBER OPTIC CABLE SINGLE MODE (72 FIBER) ITEM ELPIT01 - 2004	\$ 9.28	\$ 928.00	\$ 2.75	\$ 275.00	\$ 1,150.00	\$ 115,000.00
									Contractors's Total = \$1,650.00
26	100	EA	FIBER OPTIC PIGTAIL (12 FIBER) ITEM ELPIT01- 2006	\$ 235.68	\$ 23,568.00	\$ 12.00	\$ 1,200.00	\$ 475.00	\$ 47,500.00
									Contractors's Total = \$12,300.00
27	300	LF	TEMPORARY SEDIMENT CONTROL FENCE ITEM 506 - 2034 I	\$ 3.66	\$ 1,098.00	\$ 5.35	\$ 1,605.00	\$ 683.00	\$ 204,900.00
									Contractors's Total = \$1,580.00

Approved by: *Edward Nung 7-26-2012*

BID TITLE: Fiber Optic Interconnect				BID NO: 2012-286					
BID DATE: July 25, 2012				DEPARTMENT: ENGINEERING & CONSTRUCTION MANAGEMENT					
				El Paso A.R.C. Electric, Inc		Tri-State Electric LTD		Trans-American Communications, Inc	
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
28	75	CY	REMOVAL AND REPLACEMENT OF REINFORCED CONCRETE PAVEMENT.	\$ 158.44	\$ 11,883.00	\$ 486.00	\$ 36,450.00	\$ 1,428.00	\$ 107,100.00
									Contractors's Total = \$28,160.00
29	200	LF	REMOVAL AND REPLACEMENT OF 6" CONCRETE CURB.	\$ 10.79	\$ 2,158.00	\$ 20.13	\$ 4,026.00	\$ 1,558.00	\$ 311,600.00
									Contractors's Total = \$11,570.00
30	50	SY	REMOVAL AND REPLACEMENT OF 2" ASPHALT PAVEMENT, 8" CRUSTED STONE BASE, 8"	\$ 31.76	\$ 1,588.00	\$ 162.00	\$ 8,100.00	\$ 1,800.00	\$ 90,000.00
									Contractors's Total = \$12,700.00
31	200	SF	REMOVAL AND REPLACEMENT 4" THICK CONCRETE SIDEWALK.	\$ 14.03	\$ 2,806.00	\$ 14.58	\$ 2,916.00	\$ 1,252.00	\$ 250,400.00
									Contractors's Total = \$8,250.00
32	300	SF	REMOVAL AND REPLACEMENT OF LANDSCAPE.	\$ 23.31	\$ 6,993.00	\$ 9.00	\$ 2,700.00	\$ 1,220.00	\$ 366,000.00
									Contractors's Total = \$3,660.00
33	10,000	LF	FIBER OPTIC CABLE SINGLE MODE (288 FIBER) ITEM ELPIT01 - 2006	\$ 6.15	\$ 61,500.00	\$ 3.95	\$ 39,500.00	\$ 1,853.65	\$ 18,536,500.00
									Contractors's Total = \$61,468.00
SUM TOTAL BASE BID				\$	1,046,287.77	\$	1,256,607.05	\$	211,734,104.34
				Contractor's Total = \$1,046,300.54				Contractor's Total = \$1,592,315.00	
OPTION TO EXTEND				Yes		Yes		Blank	
AMENDMENT NO. 1 ACKNOWLEDGED				Yes		Yes		Yes	
BID BOND				Yes		Yes		No	

Approved by: *Edward Nunez* 7-26-2012

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

Fiber Optic Interconnect
Solicitation No. 2012-286

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

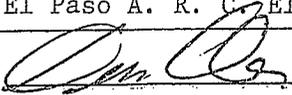
Note: For this solicitation, the lowest responsible bid will be determined based on the Base Bid

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: El Paso A. R. C. Electric, Inc.

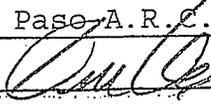
BIDDER'S SIGNATURE: 

PRINT NAME: Eulogio Ortiz

BASE BID - UNIT PRICE:

Item No.	Estimated Quantity	Brief Description of Item	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
1.	12 MO	506-2001 BARRICADES, SIGN AND TRAFFIC CONTROL	\$ 4,139.08	\$ 49,669.00
2.	1,000 LF	618-2057 CONDT (RM)(3")(BORE) INCLUDES: LINE SPOTTING, MOBILIZATION, TRAFFIC CONTROL, EXCAVATION (SPECIAL) TO IDENTIFY UTILITIES. ADDITIONAL ITEMS TO CONSIDER: 110-2003, 500-2001, 502-2001, 506-2034. SEE GENERAL NOTES AND SPECS FOR DETAILS	\$ 40.47	\$ 40,469.00
3.	20 EA.	ELPITO-2015 EXTERNAL PATCH PANEL (12 POSITION) (COEP) INCLUDES: MOBILIZATION, FIBER PIGTAIL TERMINATION, FIBER TRAY, SEALS, CONNECTORS, AND ALL NECESSARY MATERIALS	\$ 623.45	\$ 12,469.00
4.	400 LF	NEW CONDUIT INSTALLATION TRENCH (2"PVC) (SCHD 40) ITEM 618 - 2018 INCLUDES: LINE SPOTTING, MOBILIZATION, TRAFFIC CONTROL, EXCAVATION (SPECIAL) TO IDENTIFY UTILITIES. ADDITIONAL ITEMS TO CONSIDER: 110-2003, 500-2001, 502-2001, 506-2034. SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 10.17	\$ 4,069.00
5.	12,351 LF	NEW CONDUIT INSTALLATION BORE (3" PVC) (SCHD 40) ITEM 618 + 2023 INCLUDES: LINE SPOTTING, MOBILIZATION, TRAFFIC CONTROL, EXCAVATION (SPECIAL) TO IDENTIFY UTILITIES. ADDITIONAL ITEMS TO CONSIDER: 110-2003, 500-2001, 502-2001, 506-2034. SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 19.04	\$ 235,138.00

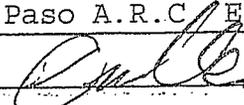
COMPANY NAME: El Paso A.R.C. Electric, Inc.

BIDDER'S SIGNATURE: 

PRINT NAME: Eulogio Ortiz

Item No.	Estimated Quantity	Brief Description of Item	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
6.	25,756 LF	NEW CONDUIT INSTALLATION TRENCH (3" PVC) (SCHD 40) ITEM 618 - 2022 INCLUDES: LINE SPOTTING, MOBILIZATION, TRAFFIC CONTROL, EXCAVATION (SPECIAL) TO IDENTIFY UTILITIES. ADDITIONAL ITEMS TO CONSIDER: 110-2003, 500-2001, 502-2001, 506-2034. <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 7.27	\$ 187,200.00
7.	10 EA	GROUND BOX (TY D W/APRON) ITEM 624 - 2014 INCLUDES: MOBILIZATION, FOOTING AND CONCRETE CAP, CLEAN UP <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 731.90	\$ 7,319.00
8.	60 EA	GROUND BOX (TY 1 W/APRON) ITEM 624 - 2002 INCLUDES: MOBILIZATION, INSTALLATION. <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 877.82	\$ 52,669.00
9.	15 EA	GROUND BOX (TY 2 W/APRON) ITEM 624 - 2004 INCLUDES: MOBILIZATION, INSTALLATIONS, ENGINEERING WOOD FIBER AND INSTALLATION OF SWINGS AND ENGINEERED WOOD FIBER. <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 1,257.27	\$ 18,859.00
10.	45,299 LF	FIBER OPTIC CABLE SINGLE MODE (144 FIBER) ITEM ELPIT01 - 2005 INCLUDES: MOBILIZATION, INSTALLATION OF FIBER ON NEW OR EXISTING CONDUIT, TRAFFIC CONTROL. ADDITIONAL ITEMS TO CONSIDER: 620 - 2018, 6086-2001. <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 4.49	\$ 203,408.52
11.	20 EA	FIBER OPTIC SPLICE ENCLOSURE, ITEM ELPIT01 - 2012 INCLUDES: MOBILIZATION, INSTALLATION AND SPLICING. <u>SEE GENERAL NOTES AND SPECS FOR DETAILS</u>	\$ 638.45	\$ 12,769.00

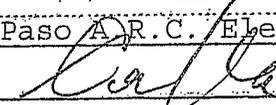
COMPANY NAME: El Paso A.R.C Electric, Inc.

BIDDER'S SIGNATURE: 

PRINT NAME: Eulogio Ortiz

Item No.	Estimated Quantity	Brief Description of Item	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
12.	75 EA	FIBER OPTIC CABLE ROAD MARKER, ITEM ELPIT01 - 2013 INCLUDES: MOBILIZATION, INSTALLATION. SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 456.25	\$ 34,219.00
13.	10 EA	NEMA 4 SINGLE DOOR ENCLOSURE, ITEM ELPIT01 - 2014 INCLUDES: MOBILIZATION, INSTALLATION. SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 846.90	\$ 8,469.00
14.	150 CY	EXCAVATION (SPECIAL) ITEM 110-2003. INCLUDES: MOBILIZATION SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 22.13	\$ 3,319.00
15	25 LF	CONDT (RM) (1") ITEM 618-2046. INCLUDES: MOBILIZATION SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 27.76	\$ 694.00
16	40 LF	CONDT (RM) (1 1/4") ITEM 618-2048 INCLUDES: MOBILIZATION SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 21.63	\$ 865.00
17.	1,100 LF	CONDT (RM) (2") ITEM 618-2052. INCLUDES: MOBILIZATION SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 10.55	\$ 11,601.00
18.	36,299LF	ELEC CONDR (NO. 14) INSULATED ITEM 620-2018 INCLUDES: MOBILIZATION SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 0.61	\$ 22,248.97
19.	5 EA	GROUND BOX (TY A W/APRON) ITEM 624 - 2008 12 23 11 INCLUDES: MOBILIZATION, FOOTING AND CONCRETE CAP, CLEAN UP. SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 952.03	\$ 4,760.15
20.	5 EA	GROUND BOX (TY C W/APRON) ITEM 624 - 2012 16 29 11 INCLUDES: MOBILIZATION, FOOTING AND CONCRETE CAP, CLEAN UP. SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 1,050.78	\$ 5,253.90

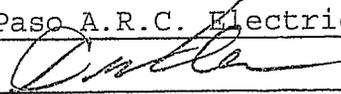
COMPANY NAME: El Paso A.R.C. Electric, Inc.

BIDDER'S SIGNATURE: 

PRINT NAME: Eulogio Ortiz

Item No.	Estimated Quantity	Brief Description of Item	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
21.	10 EA	REMOVAL OF EXISTING BOXES ITEM 624-2034 INCLUDES: MOBILIZATION <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 396.80	\$ 3,968.00
22.	500 LF	FIBER OPTIC CABLE SINGLE MODE (12 FIBER) ITEM ELPIT01 - 2001 INCLUDES: MOBILIZATION, INSTALLATION OF FIBER ON NEW OR EXISTING CONDUIT, TRAFFIC CONTROL. ADDITIONAL ITEMS TO CONSIDER: 620 - 2018, 6086-2001. <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 2.67	\$ 1,333.00
23.	3,000 LF	FIBER OPTIC CABLE SINGLE MODE (24 FIBER) ITEM ELPIT01 - 2002 INCLUDES: MOBILIZATION, INSTALLATION OF FIBER ON NEW OR EXISTING CONDUIT, TRAFFIC CONTROL. ADDITIONAL ITEMS TO CONSIDER: 620 - 2018, 6086-2001. <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 2.12	\$ 6,348.00
24.	1,500 LF	FIBER OPTIC CABLE SINGLE MODE (48 FIBER) ITEM ELPIT01 - 2003 INCLUDES: MOBILIZATION, INSTALLATION OF FIBER ON NEW OR EXISTING CONDUIT, TRAFFIC CONTROL. ADDITIONAL ITEMS TO CONSIDER: 620 - 2018, 6086-2001. <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 4.46	\$ 6,693.00
25.	100 LF	FIBER OPTIC CABLE SINGLE MODE (72 FIBER) ITEM ELPIT01 - 2004 INCLUDES: MOBILIZATION, INSTALLATION OF FIBER ON NEW OR EXISTING CONDUIT, TRAFFIC CONTROL. ADDITIONAL ITEMS TO CONSIDER: 620 - 2018, 6086-2001. <u>SEE GENERAL NOTES AND SPECS FOR DETAILS.</u>	\$ 9.28	\$ 928.00

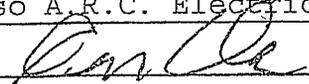
COMPANY NAME: El Paso A.R.C. Electric, Inc.

BIDDER'S SIGNATURE: 

PRINT NAME: Eulogio Ortiz

Item No.	Estimated Quantity	Brief Description of Item	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
26.	100 EA	FIBER OPTIC PIGTAIL (12 FIBER) ITEM ELPIT01- 2006 INCLUDES: MOBILIZATION, INSTALLATION AND PATCHING. <u>SEE</u> <u>GENERAL NOTES AND SPECS FOR</u> <u>DETAILS.</u>	\$ 235.68	\$ 23,568.00
27.	300 LF	TEMPORARY SEDIMENT CONTROL FENCE ITEM 506 - 2034 INCLUDES: MOBILIZATION <u>SEE GENERAL NOTES AND SPECS</u> <u>FOR DETAILS.</u>	\$ 3.66	\$ 1,098.00
28.	75 CY	REMOVAL AND REPLACEMENT OF REINFORCED CONCRETE PAVEMENT. INCLUDES: MOBILIZATION <u>SEE GENERAL NOTES AND SPECS</u> <u>FOR DETAILS.</u>	\$ 158.44	\$ 11,883.00
29.	200 LF	REMOVAL AND REPLACEMENT OF 6" CONCRETE CURB. INCLUDES: MOBILIZATION <u>SEE GENERAL NOTES AND SPECS</u> <u>FOR DETAILS.</u>	\$ 10.79	\$ 2,158.00
30.	50 SY	REMOVAL AND REPLACEMENT OF 2" ASPHALT PAVEMENT, 8" CRUSTED STONE BASE, 8" COMPACT AT SUBGRADE. INCLUDES: MOBILIZATION <u>SEE GENERAL NOTES AND SPECS</u> <u>FOR DETAILS.</u>	\$ 31.76	\$ 1,588.00
31.	200 SF	REMOVAL AND REPLACEMENT 4" THICK CONCRETE SIDEWALK. INCLUDES: MOBILIZATION <u>SEE GENERAL NOTES AND SPECS</u> <u>FOR DETAILS.</u>	\$ 14.03	\$ 2,806.00
32.	300 SF	REMOVAL AND REPLACEMENT OF LANDSCAPE. INCLUDES: MOBILIZATION <u>SEE GENERAL NOTES AND SPECS</u> <u>FOR DETAILS.</u>	\$ 23.31	\$ 6,993.00

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Item No.	Estimated Quantity	Brief Description of Item	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
33.	10,000 LF	FIBER OPTIC CABLE SINGLE MODE (288 FIBER) ITEM ELPIT01 - 2006 INCLUDES: MOBILIZATION, INSTALLATION OF FIBER ON NEW OR EXISTING CONDUIT, TRAFFIC CONTROL. ADDITIONAL ITEMS TO CONSIDER: 620 - 2018, 6086-2001. SEE GENERAL NOTES AND SPECS FOR DETAILS.	\$ 6.15	\$ 61,468.00

NOTE: ALL FIBER SHALL BE SINGLE MODE (SM) AND SHALL MEET OR EXCEED SINGLE MODE FIBER (SMF) 28E SPECIFICATIONS

SUM TOTAL BASE BID (items 1 to 33) \$ 1,046,300.54

OPTION TO EXTEND THE TERM OF THE AGREEMENT
(PLEASE CHECK APPROPRIATE BOX)

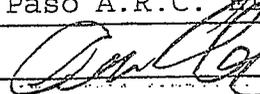
The City at its sole discretion, may exercise the option to purchase an additional quantity of items by giving the contractor written notice no later than thirty (30) days prior to the expiration of the contract.

Bidder offers the City the option of purchasing up to one hundred percent (100%) of the original contract quantities, at the same unit price, for an additional one (1) year term, if the option is exercised within 30 days prior to expiration of the contract.

YES

NO

COMPANY NAME: El Paso A.R.C. Electric, Inc.

BIDDER'S SIGNATURE:  PRINT NAME: Eulogio Ortiz

