

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

DEPARTMENT: Engineering

AGENDA DATE: August 24, 2010

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

DISTRICT(S) AFFECTED: 1, 2, 3, 8

SUBJECT:

Award bid 2010-255, CSJ 0924-06-310 for **Traffic Signal Upgrades 9 Locations** to Medlock Commercial Contractors, LLC for a total amount of **\$1,562,223.45**.

BACKGROUND / DISCUSSION:

This work consists of the reconstruction of 9 citywide traffic signal intersections. The improvements will include the removal of existing span-wire signals and installation of new mast arm pole assembly traffic control devices, installation of new underground conduit and cable, signage and striping, enhance pedestrian safety at the intersections include sidewalk and accessibility improvements.

The total contract time is for a period of 335 consecutive calendar days, 315 calendar days for substantial completion and 20 calendar days for remaining work.

This is a low bid, unit-priced contract. **Medlock Commercial Contractors, LLC.** is the lowest responsible, responsive bidder. It is requested that the City Manager be authorized to sign the reference contract.

PRIOR COUNCIL ACTION:

N/A

AMOUNT AND SOURCE OF FUNDING: Tx DOT Surface Transportation Program (STP)

BOARD / COMMISSION ACTION:

N/A

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

DEPARTMENT HEAD:



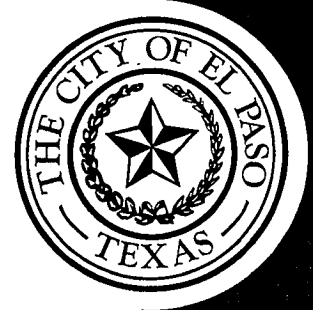
(If Department Head Summary Form is initiated by Purchasing, client department should sign also)

Information copy to appropriate Deputy City Manager

Dedicated to Outstanding Customer Service for a Better Community

SERVICE SOLUTIONS SUCCESS

RECOMMENDATION



Date: August 4, 2010
To: Sandra Jimenez
Contract Compliance, City of El Paso Engineering Dept.
Through: Johanes Makahaube, Engineering Division Manager *JM*
From: Margaret Schroeder *ms*
Project Manager
Subject: Traffic Signal Upgrades 9 Locations,
Solicitation No. 2010-255, CSJ 0925-06-310

We have reviewed the above subject bid and we recommend that **Base Bid Parts A, B, C, D, and E** be awarded to Medlock Commercial Contractors, LLC, as the lowest most responsive and responsible bidder meeting specifications.

Total estimated contract award of \$1,562,223.45.

If you have any question please call me at 541-4934.

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
Rachel Quintana

District 6
Eddie Holguin Jr.

District 7
Steve Ortega

District 8
Beto O'Rourke

City Manager
Joyce A. Wilson

PROJECT ENGINEERING



F9-17 AWARD RECOMMENDATION

Working Together, Building for the Future

2 Civic Center Plaza, 4th floor - El Paso, Texas 79901 - (915) 541-4200

**City of El Paso
Scope of Work**

**Traffic Signal Upgrades 9 Locations
Solicitation No. 2010-255, TX DOT CSJ 0924-06-310**

This work consists of the reconstruction of 9 citywide traffic signal intersections. The improvements will include the removal of existing span-wire signals and installation of new mast arm pole assembly traffic control devices, installation of new underground conduit and cable, signage and striping, enhance pedestrian safety at the intersections include sidewalk and accessibility improvements.

Prior to commencement of any work, the contractor should submit to the City of El Paso Engineering Department and obtain approval of the Sequence of Construction, Schedule of Work and Traffic Control Plan.

Base Bid will consist of the following work locations:

- 1) Hawkins and Viscount
- 2) Delta and Fonseca
- 3) Montana Ave. US 62/180 and Robert E. Lee
- 4) Airport and Sioux
- 5) Delta and Feliz
- 6) Copia and Aurora
- 7) Dyer BUS 54 and Pershing
- 8) Executive and Rio Bravo
- 9) Schuster and Sun Bowl

CITY OF EL PASO BID TABULATION

BID TITLE: TRAFFIC SIGNAL UPGRADES 9 LOCATIONS
BID DATE: August 4, 2010

BID NO: 2010-255, TX DOT CSJ 0924-06-310
DEPARTMENT: ENGINEERING

				MEDLOCK COMMERCIAL EL PASO, TX		TRI-STATE ELECTRIC EL PASO, TX			
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL

BASE BID - UNIT PRICE SCHEDULE PART A - TRAFFIC SIGNAL (40 ITEMS)

1	192	LF	DRILL SHAFT (TRAFFIC SIGNAL POLE) (30")	\$178.00	\$34,176.00	\$225.00	\$43,200.00		
2	84	LF	DRILL SHAFT (TRAFFIC SIGNAL POLE) (36")	\$199.10	\$16,724.40	\$275.00	\$23,100.00		
3	176	LF	DRILL SHAFT (TRAFFIC SIGNAL POLE) (40")	\$213.40	\$37,558.40	\$300.00	\$52,800.00		
4	1	LS	MOBILIZATION	\$36,302.10	\$36,302.10	\$50,000.00	\$50,000.00		
5	12	MO	BARRICADES, SIGNS AND TRAFFIC HANDLING	\$3,208.90	\$38,506.80	\$3,500.00	\$42,000.00		
6	1,006	LF	CONDT (PVC)(SCH 40)(2")	\$9.70	\$9,758.20	\$10.00	\$10,060.00		
7	1,100	LF	CONDT (PVC)(SCH 40)(3")	\$11.55	\$12,705.00	\$12.00	\$13,200.00		
8	3,787	LF	CONDT (PVC) (SCH 40)(3") BORE	\$24.80	\$93,917.60	\$20.00	\$75,740.00		
9	5,143	LF	ELEC CONDR (NO. 6) INSULATED GROUND	\$3.30	\$16,971.90	\$3.00	\$15,429.00		
10	1,346	LF	ELEC CONDR (NO. 6) INSULATED POWER	\$3.30	\$4,441.80	\$3.00	\$4,038.00		
11	61	EA	GROUND BOX TY A (122311) W/APRON	\$770.00	\$46,970.00	\$700.00	\$42,700.00		
12	16	EA	GROUND BOX TY A (162911) W/APRON	\$990.00	\$15,840.00	\$985.00	\$15,760.00		
13	4	EA	ELC SERV.TY D 120/240060(NS) EX(N)EX(O)	\$3,300.20	\$13,200.80	\$4,000.00	\$16,000.00		

Approved By: *MZ*

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 DEPARTMENT: ENGINEERING

ITEM #	EST. QTY	UNITS	DESCRIPTION	MEDLOCK COMMERCIAL EL PASO, TX		TRI-STATE ELECTRIC EL PASO, TX		UNIT PRICE	TOTAL
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		
14	9	EA	REMOTE ELECTRICAL SERVICES	\$550.00	\$4,950.00	\$1,200.00	\$10,800.00		
15	5	EA	ELC SERV.TY D 120/240060(NS)GS(N)GC(O)	\$6,050.30	\$30,251.50	\$4,500.00	\$22,500.00		
16	9	EA	INSTAL OF HWY TRAF SIGNAL (SYSTEM)	\$11,611.20	\$104,500.80	\$10,000.00	\$90,000.00		
17	21	EA	VEH SIG SEC (12IN) LED (GRN ARW)	\$275.00	\$5,775.00	\$245.00	\$5,145.00		
18	83	EA	VEH SIG SEC (12IN) LED (GRN)	\$286.02	\$23,739.66	\$256.00	\$21,248.00		
19	19	EA	VEH SIG SEC (12 IN) LED (YEL ARW)	\$275.00	\$5,225.00	\$240.00	\$4,560.00		
20	84	EA	VEH SIG SEC (12 IN) LED (YEL)	\$308.00	\$25,872.00	\$262.00	\$22,008.00		
21	94	EA	VEH SIG SEC (12 IN) LED (RED)	\$242.00	\$22,748.00	\$227.00	\$21,338.00		
22	6,455	LF	TRAF SIG CBL (TY A) (12 AWG) (5 CONDR)	\$6.40	\$41,312.00	\$2.35	\$15,169.25		
23	4,984	LF	TRAF SIG CBL (TY A) (12 AWG) (7 CONDR)	\$6.90	\$34,389.60	\$3.15	\$15,699.60		
24	5,223	LF	TRAF SIG CBL (TY A) (12 AWG) (12 CONDR)	\$10.00	\$52,230.00	\$3.95	\$20,630.85		
25	3,989	LF	TRAF SIG CBL (TY A) (12 AWG) (19 CONDR)	\$9.90	\$39,491.10	\$4.95	\$19,745.55		
26	7,225	LF	TRAF SIG CBL (TY A) (18 AWG) (2 CONDR)	\$4.40	\$31,790.00	\$1.95	\$14,088.75		

Approved By: *MK*

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 DEPARTMENT: ENGINEERING

				MEDLOCK COMMERCIAL EL PASO, TX		TRI-STATE ELECTRIC EL PASO, TX			
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
27	4	EA	INS TRF SIG PL AM (S) 1 ARM (20')	\$3,437.70	\$13,750.80	\$3,500.00	\$14,000.00		
28	4	EA	INS TRF SIG PL AM (S) 1 ARM (24')	\$3,514.70	\$14,058.80	\$4,000.00	\$16,000.00		
29	8	EA	INS TRF SIG PL AM (S) 1 ARM (32')	\$4,097.70	\$32,781.60	\$4,500.00	\$36,000.00		
30	2	EA	INS TRF SIG PL AM (S) 1 ARM (36')	\$4,455.26	\$8,910.52	\$5,000.00	\$10,000.00		
31	4	EA	INS TRF SIG PL AM (S) 1 ARM (40')	\$4,895.30	\$19,581.20	\$5,800.00	\$23,200.00		
32	7	EA	INS TRF SIG PL AM (S) 1 ARM (44')	\$5,142.80	\$35,999.60	\$6,100.00	\$42,700.00		
33	3	EA	INS TRF SIG PL AM (S) 1 ARM (48')	\$5,252.80	\$15,758.40	\$6,500.00	\$19,500.00		
34	1	EA	INS TRF SIG PL AM (S) 2 ARM (44' -20')	\$6,160.40	\$6,160.40	\$8,200.00	\$8,200.00		
35	9	EA	REMOVE TRAFFIC SIGNALS	\$5,500.30	\$49,502.70	\$2,500.00	\$22,500.00		
36	38	EA	VIVDS PROCESSOR SYSTEM	\$1,985.94	\$75,465.72	\$2,500.00	\$95,000.00		
37	38	EA	VIVDS CAMERA ASSEMBLY	\$1,359.70	\$51,668.60	\$1,500.00	\$57,000.00		
38	9	EA	VIVDS SET-UP SYSTEM	\$2,200.10	\$19,800.90	\$900.00	\$8,100.00		
39	9	EA	VIVDS CENTRAL CONTROL	\$2,640.20	\$23,761.80	\$3,000.00	\$27,000.00		

Approved By: *ML*

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DEPARTMENT: ENGINEERING

				MEDLOCK COMMERCIAL EL PASO, TX		TRI-STATE ELECTRIC EL PASO, TX			
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
40	6,455	LF	VIVDS COMM CABLE (COAXIAL)	\$3.90	\$25,174.50	\$2.05	\$13,232.75		
SUM TOTAL PART A (ITEMS 1-40)				\$1,191,723.20		\$1,079,392.75			
BASE BID - UNIT PRICE SCHEDULE PART B - COMMUNICATION INTERCONNECT (1 ITEM)									
1	2,556	LF	COMMUN CABLE (UNDERGROUND) (12 PAIR) (19AWG)	\$4.00	\$10,224.00	\$3.50	\$8,946.00		
SUM TOTAL PART B (ITEM 1)				\$10,224.00		\$8,946.00			
1	378	SY	REMOVING CONC (SIDEWALKS)	\$27.00	\$10,206.00	\$13.50	\$5,103.00		
2	96	SY	REMOVING CONC (WHEELCHAIR RAMP)	\$27.20	\$2,611.20	\$35.00	\$3,360.00		
3	575	LF	CONC CURB TY II	\$12.40	\$7,130.00	\$16.20	\$9,315.00		
SUM TOTAL PART C (ITEMS 1-3)				\$19,947.20		\$17,778.00			
1	79	EA	INS SM RD SN SUP & AM TY 10 BWG (1) SA (P)	\$557.00	\$44,003.00	\$394.00	\$31,126.00		
2	24	EA	REMOVE SM RD SN SUP & AM	\$198.60	\$4,766.40	\$200.00	\$4,800.00		
3	5,880	LF	REF PAV MRK TY 1 (W) (4") (BRK) (90 MIL)	\$0.90	\$5,292.00	\$1.00	\$5,880.00		

Approved By: *M L*

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 DEPARTMENT: ENGINEERING

				MEDLOCK COMMERCIAL EL PASO, TX		TRI-STATE ELECTRIC EL PASO, TX			
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID - UNIT PRICE SCHEDULE PART D - SIGNING & STRIPING (20 ITEMS)									
4	1,319	LF	REF PAV MRK TY 1 (W) (4") (DOT) (90 MIL)	\$0.86	\$1,134.34	\$1.00	\$1,319.00		
5	4,995	LF	REF PAV MRK TY 1 (W) (4") (SLD) (90 MIL)	\$0.90	\$4,495.50	\$1.00	\$4,995.00		
6	43	EA	REF PAV MRK TY 1 (W) (ARROW) (90 MIL)	\$200.10	\$8,604.30	\$200.00	\$8,600.00		
7	3	EA	REF PAV MRK TY 1 (W) (DBL ARROW) (90 MIL)	\$212.64	\$637.92	\$215.50	\$646.50		
8	6	EA	REF PAV MRK TY 1 (W) (RR XING) (90 MIL)	\$562.90	\$3,377.40	\$562.50	\$3,375.00		
9	21	EA	REF PAV MRK TY 1 (W) (WORD) (90 MIL)	\$212.60	\$4,464.60	\$215.50	\$4,525.50		
10	4,680	LF	REF PAV MRK TY 1 (Y) (4") (SLD) (90 MIL)	\$1.00	\$4,680.00	\$1.12	\$5,241.60		
11	15,195	LF	ELIM EXT PAV MRK & MRKR (4")	\$0.90	\$13,675.50	\$1.06	\$16,106.70		
12	12	EA	ELIM EXT PAV MRK & MRKR (ARROW)	\$56.30	\$675.60	\$60.75	\$729.00		
13	1	EA	ELIM EXT PAV MRK & MRKR (DBL ARROW)	\$62.50	\$62.50	\$67.50	\$67.50		
14	6	EA	ELIM EXT PAV MRK & MRKR (RR XING)	\$81.30	\$487.80	\$87.75	\$526.50		
15	7	EA	ELIM EXT PAV MRK & MRKR (WORD)	\$62.50	\$437.50	\$67.50	\$472.50		
16	16,805	LF	PAV SURF PREP FOR MRK (4")	\$0.30	\$5,041.50	\$0.35	\$5,881.75		

Approved By: *M L*

CITY OF EL PASO BID TABULATION

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DEPARTMENT: ENGINEERING

				MEDLOCK COMMERCIAL EL PASO, TX		TRI-STATE ELECTRIC EL PASO, TX			
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
17	43	EA	PAV SURF PREP FOR MRK (ARROW)	\$12.50	\$537.50	\$15.50	\$666.50		
18	3	EA	PAV SURF PREP FOR MRK (DBL ARROW)	\$18.80	\$56.40	\$20.25	\$60.75		
19	6	EA	PAV SURF PREP FOR MRK (RR XING)	\$22.50	\$135.00	\$24.30	\$145.80		
20	21	EA	PAV SURF PREP FOR MRK (WORD)	\$18.80	\$394.80	\$20.25	\$425.25		
SUM TOTAL PART D (ITEMS 1-20)				\$102,959.56		\$95,590.85			

BASE BID - UNIT PRICE SCHEDULE PART E - ADA SUMMARY (25 ITEMS)

1	6	EA	CURB RAMPS (TY 2)	\$1,116.00	\$6,696.00	\$2,000.00	\$12,000.00		
2	1	EA	CURB RAMPS (TY 3) MOD	\$1,233.40	\$1,233.40	\$1,500.00	\$1,500.00		
3	4	EA	CURB RAMPS (TY 4)	\$998.40	\$3,993.60	\$1,200.00	\$4,800.00		
4	7	EA	CURB RAMPS (TY 7)	\$998.40	\$6,988.80	\$1,400.00	\$9,800.00		
5	3	EA	CURB RAMPS (TY 8)	\$1,057.20	\$3,171.60	\$1,525.00	\$4,575.00		
6	4	EA	CURB RAMPS (TY 9)	\$1,057.20	\$4,228.80	\$1,475.00	\$5,900.00		
7	339	SY	CONC SIDEWALK (4')	\$46.99	\$15,929.61	\$43.00	\$14,577.00		

Approved By: *mk*

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DEPARTMENT: ENGINEERING

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ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL

BASE BID - UNIT PRICE SCHEDULE PART E - ADA SUMMARY (25 ITEMS)

8	3	EA	CURB RAMPS (TY 21)	\$998.40	\$2,995.20	\$1,475.00	\$4,425.00		
9	4	EA	CURB RAMPS (TY 2) MOD	\$1,174.60	\$4,698.40	\$1,500.00	\$6,000.00		
10	4	EA	CURB RAMPS (TY 7) MOD	\$1,115.90	\$4,463.60	\$1,475.00	\$5,900.00		
11	6	EA	CURB RAMPS (TY 4) MOD	\$1,115.90	\$6,695.40	\$1,525.00	\$9,150.00		
12	1	EA	CURB RAMPS (TY 22) MOD	\$1,879.00	\$1,879.00	\$1,800.00	\$1,800.00		
13	325	LF	REF PAV MRK TY 1 (W) (12") (SLD) (90 MIL)	\$3.30	\$1,072.50	\$3.71	\$1,205.75		
14	2,115	LF	REF PAV MRK TY 1 (W) (18") (SLD) (90 MIL)	\$4.90	\$10,363.50	\$5.60	\$11,844.00		
15	1,531	LF	REF PAV MRK TY 1 (W) (24") (SLD) (90 MIL)	\$6.50	\$9,951.50	\$6.88	\$10,533.28		
16	325	LF	ELIM EXT PAV MRK & MRKR (12")	\$2.30	\$747.50	\$2.63	\$854.75		
17	2,115	LF	ELIM EXT PAV MRK & MRKR (18")	\$3.40	\$7,191.00	\$3.95	\$8,354.25		
18	1,531	LF	ELIM EXT PAV MRK & MRKR (24")	\$4.58	\$7,011.98	\$4.48	\$6,858.88		
19	325	LF	PAV SURF PREP FOR MRK (12")	\$0.70	\$227.50	\$0.77	\$250.25		
20	1,531	LF	PAV SURF PREP FOR MRK (24")	\$1.40	\$2,143.40	\$1.95	\$2,985.45		

Approved By: *ML*

CITY OF EL PASO BID TABULATION									
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				MEDLOCK COMMERCIAL EL PASO, TX		TRI-STATE ELECTRIC EL PASO, TX			
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
21	56	EA	PED SIG SEC (12 IN) LED (2 INDICATIONS)	\$646.05	\$36,178.80	\$900.00	\$50,400.00		
22	4	EA	PED POLE ASSEMBLY (6FT)	\$723.60	\$2,894.40	\$1,500.00	\$6,000.00		
23	35	EA	PED POLE ASSEMBLY (10FT)	\$787.00	\$27,545.00	\$1,600.00	\$56,000.00		
24	7	EA	PED POLE ASSEMBLY (15FT)	\$932.70	\$6,528.90	\$1,000.00	\$7,000.00		
25	60	EA	PED DETECT (2 IN) (APS PUSH BUTTON)	\$1,004.31	\$60,258.60	\$6,200.00	\$372,000.00		
26	2,535	LF	PAV SURF PREP FOR MRK (18")	\$0.90	\$2,281.50	\$1.09	\$2,763.15		
SUM TOTAL PART E (ITEMS 1-26)				\$237,369.49		\$617,476.76			
BASE BID SUM TOTAL (PARTS A, B, C, D, AND E)				\$1,562,223.45		\$1,819,184.36			
AMENDMENT NO. 1 ACKNOWLEDGED				YES		YES			
BID BOND				YES		YES			

Approved By: *ML*