

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

DEPARTMENT: Engineering and Construction Management

AGENDA DATE: April 5, 2011

CONTACT PERSON NAME AND PHONE NUMBER: R. Alan Shubert, P.E., City Engineer X4423

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

SUBJECT:

That the City Council approves the expenditure of additional available funding in the amount of one hundred seventy three thousand nine hundred eighty five and 39/100 dollars (\$173,985.39) to Medlock Commercial Contractors, Inc. for additional construction costs for Traffic Signal Upgrades 9 Locations. The change order provides for furnishing and installing 7200 lineal feet of two inch conduit – bore and traffic control, adding 75 days of contract time for Contract Number 2010-255. The new contract sum, including this change order, is one million seven hundred thirty six thousand two hundred eight and 84/100 dollars (\$1,736,208.84).

BACKGROUND / DISCUSSION:

The National Electrical Code (NEC) requires low voltage cables for pedestrian push buttons and communications to be separated from the higher voltage signal cables. The design plans did not include separate conduit for low voltage pedestrian push buttons and communications. This change order will allow the construction to comply with the NEC.

PRIOR COUNCIL ACTION:

City Council approved the construction award of Traffic Signal Upgrades 9 Locations on August 31, 2010.

AMOUNT AND SOURCE OF FUNDING:

\$173,985.39 TxDOT 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

RESOLUTION

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

That the City Council approves the expenditure of additional available funding in the amount of One Hundred Seventy Three Thousand Nine Hundred Eighty Five and 39/100 dollars (\$173,985.39) to Medlock Commercial Contractors, Inc. for additional construction costs for Traffic Signal Upgrades 9 Locations. The change order provides for furnishing and installing 7200 lineal feet of two inch conduit – bore and traffic control, adding 75 days of contract time for Contract Number 2010-255. The new contract sum, including this change order, is One Million Seven Hundred Thirty Six Thousand Two Hundred Eight and 84/100 dollars (\$1,736,208.84).

ADOPTED THIS _____ DAY OF _____, 2011.

THE CITY OF EL PASO:

John F. Cook, Mayor

ATTEST:

Richarda Duffy Momsen, City Clerk

APPROVED AS TO FORM:



Cynthia Osborn
Assistant City Attorney

APPROVED AS TO CONTENT:



R. Alan Shubert, P.E.
City Engineer

CITY OF EL PASO CONSTRUCTION CHANGE ORDER

CONSTRUCTION CHANGE ORDER NO.: 1 DATE: March 15, 2011 SCOPE CHANGE
PROJECT: TRAFFIC SIGNAL UPGRADES 9 LOCATIONS SOLICITATION NO. 2010-255 CONSTRUCTION CHANGE

Original Contract Amount: \$	<u>1,562,223.45</u>	Contract Time to Substantial Completion	<u>315</u>
Net Change by previous Change Orders: \$	<u>-</u>	Total days added due to Change Orders and CQN's	<u>0</u>
Net Change by previous Construction Quantity Notices: \$	<u>-</u>	Total days added for this Change Order	<u>75</u>
Amount of this Construction Change Order: \$	<u>173,985.39</u>	New Contract Time to Substantial Completion:	<u>390</u>
New Amended Contract Amount:	<u>\$1,736,208.84</u>	Current Substantial Completion Due Date	<u></u>
Change Order Percentage:	<u>11.14%</u>		

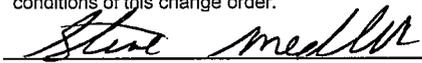
CONTRACTOR NAME: MEDLOCK COMMERCIAL CONTRACTORS

Please provide a detailed scope of work of the change order (see back for reason/justification):
Furnish and install 7200 lf of 2" conduit - bore. Also includes traffic control for 75 additional days needed to install 2" conduit -bore.

CONSECUTIVE CALENDAR DAYS ADDED TO COMPLETION TIME: 75 TOTAL CHANGE ORDER AMOUNT: \$ 173,985.39

CONTRACTOR

I, Steve Medlock, of Medlock Commercial Contractors, Inc. agree and accept the terms and conditions of this change order.

Signature:  Date: 3/16/11

CITY OF EL PASO (OWNER)

I, R. Alan Shubert, P.E., of the City of El Paso hereby authorize and direct the Contractor to proceed with additional work as described in this form.

Signature: _____ Date: _____
R. Alan Shubert, P.E., City Engineer

CITY OF EL PASO CONSTRUCTION CHANGE ORDER- Pg. 2

CONSTRUCTION CHANGE ORDER NO.: 1 DATE: March 15, 2011 SCOPE CHANGE
PROJECT: TRAFFIC SIGNAL UPGRADES 9 LOCATIONS SOLICITATION NO. 2010-255 CONSTRUCTION CHANGE

Project Number	<u>P09TX002</u>	Project Number	<u>0</u>	PURCHASE ORDER #	<u>1100000152</u>
Class	<u>31000</u>	Class	<u>0</u>		
Department	<u>31255002</u>	Department	<u>0</u>		
Fund	<u>05791</u>	Fund	<u>0</u>		
Account	<u>508027</u>	Account	<u>0</u>		

CONTRACTOR NAME: MEDLOCK COMMERCIAL CONTRACTORS

PROVIDE REASON/JUSTIFICATION FOR CHANGE ORDER:

When the original plans were completed, the City did not require separate conduit for pedestrian cable (low voltage) and signal cables. The City now requires pedestrian and communications cables to be placed in separate 2" conduits. This requirement is in compliance with the National Electrical Code.

CONSECUTIVE CALENDAR DAYS ADDED TO COMPLETION TIME: 75 TOTAL CHANGE ORDER AMOUNT: \$ 173,985.39

Project Manager recommends approval: Margaret Johnson

Engineering Division Manager recommends approval: Johannes Mahakumbura 3/15/11

Financing Department approval: _____
(If Required)



MEDLOCK COMMERCIAL CONTRACTORS

March 14, 2011

City of El Paso Texas
2 Civic Center Plaza, 4th Floor
El Paso, Texas 79901

Project: 2010-255 Traffic Signal Upgrade

Attn: Mrs. Margaret Schroeder

Re: **Change Order Request #1**

We propose to furnish and install 7,200 lf. Of 2" underground bore requested by the owner.

Mesa Electric		\$151,291.65
	15% OH&P	<u>\$ 22,693.75</u>
	Total	\$173,985.39
Total additive change order request #1		\$173,985.39
	Total Unit Price	\$24.65/L.F.

This cost proposal does not include any special asphalt patching the City might require to seal all pot holes.

The additional work will require an additional 75 calendar days (45 to 50 working days).

75 additional days requested or required.

Respectfully,
MEDLOCK COMMERCIAL CONTRACTORS, INC.

Steve Medlock
Estimator

7310 REMCON STE. A EL PASO, TEXAS 79912 (915) 584-8600 (915)584-8610 Fax

Mesa Electrical Contractors, Inc.

502 Joe Angel Rd.
Carrizillo, TX 79835
Ph. 915/877-9141 / Fax 915/877-9142
TX License 18197

3-14-11

Medlock Commercial Contractors Inc.
7310 Remcon Ste A
El Paso, Tx 79912

Attn: Steve Medlock
Re: City of El Paso Traffic Signal Upgrades 9- Locations (revision # 1)

Steve,
Mesa Electrical Contractors Inc. Hereby proposes to furnish the additional electrical work as requested by the owner to furnish and install 7,200ft of 2 inch underground bore. Including all labor, tools, trucks, and equipment.

Item #	Description	Unit	Qty	Unit price	Total Amt
1	2" bored cond	LF	7200	20.00	\$144,000.00
2	Barricades	MO	2.5	7,291.65	<u>\$7,291.65</u>
Total Added Cost:					<u>\$151,291.65</u>

Exclusions:
This cost does not include any special asphalt patching the City might require to seal all pot holes.

Should you have any questions do not hesitate to contact our office. This additional work will require an additional 75 calendar day's 45 to 50 working day's. We look forward to being of service to you.

Sincerely


Russell D. Tanzy President

MESA ELECTRICAL CONTRACTORS, INC.

502 Joe Angel Rd.
Carrizillo, TX 79835
Ph. 915/877-9141 / Fax 913/877-9142
License No. E-109

MATERIAL AND LABOR PROPOSAL BREAKDOWN

PROPOSAL DATE: 2-15-11
JOB #: 0
DESCRIPTION: APPROX 7200 FT OF 2 INCH BORE

OWNERS CITY OF EL PASO
NAME: TRAFFIC SIGNAL UP GRADES

A. MATERIAL & EQUIPMENT \$ 75,492.30
Tax @: 8.25% N/A
M & E Subtotal \$ 75,492.30

B. LABOR W/P.T. & L

	RATE	MANHOURS	AMOUNT
Foreman-Electrical	42.00	360	15,120.00
Journeyman-Electrical	38.50	360	13,860.00
Laborer-Electrical 70%	27.24	360	9,806.40
Shop APPRENTICE 60%	23.25	360	8,370.00
Labor Subtotal			<u>\$ 47,156.40</u>

C. FIELD RELATED COSTS

Clean Up	2.00%	\$ 0.00
Material Handling	2.00%	\$ 0.00
As Built	1.00%	\$ 0.00
Permits	0.00%	\$ 0.00
Consumable Material	0.00%	\$ 0.00
Small Tools	2.00%	\$ 0.00
Gas, Oil & Transportation	4.00% 5.00%	\$ 2,370.00
Equipment Repair	0.00%	\$ 0.00
Warranty Exposure	0.00%	\$ 0.00
Equipment Rental	0.00%	\$ 0.00
Labor Subtotal		<u>\$ 2,370.00</u>

SUBTOTAL \$ 125,270.70

E. SUBCONTRACT COST	\$ N/A	N/A
F. SUBCONTRACT MARK-UP	0%	\$ N/A
G. OFFICE OVERHEAD	5%	\$ 6,263.53
H. PROFIT	10%	\$ 12,527.07

OFF & MARK-UP SUBTOTAL \$ 18,790.60

SUBTOTAL \$ 144,061.30

I. BOND N/A

TOTAL AMOUNT \$ 144,000.00

Authorized Signature: Russell D. [Signature] Date: 2-15-11

MESA ELECTRICAL CONTRACTORS

Job Name: CITY OF EL PASO TRAFFIC CONTROLS (9 LOCATIONS)

UP GRADES, TWO INCH BORE

7200 FT. FOUR MEN 9 WEEKS, 800 FT PER WEEK, AVG

Sheet: ONE OF ONE

Date: 2-15-11

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE	PERCENTAGE	MAN HOURS	MAN HOURS
BORE 800 FT PER WEEK / 9 WKS	7200 FT					1440
BORE PIPE 2"	7200 FT	1.950	14160	100%		
BORE GAL	90 BAGS	11	990	87%	1077	
BORE MACHINE JT3321	ONE	3600	3600	32%	900	
VAL TRAILER 500 SPV	ONE	1700	1700	15%	530	
MATERIAL TRAILER	ONE	200	200	18%	306	
MUD & WATER MIXING TRAILER	ONE	600	600	54%	900	
TRUCKS 3500 2000 EA	FOUR	800	3200	28%	720	
WATER 400 GAL PER DAY	18,000 GAL			15%	270	
DISPOSAL MUD 45 LOADS	LOT	75	3375	30%	375	
TOTAL MAT & EQUIPMENT			25592	23%	MAN HOURS	1440