

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

DEPARTMENT: **Engineering and Construction Management**

AGENDA DATE: **September 27, 2011**

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

DISTRICT(S) AFFECTED: **6**

SUBJECT:

That the City Council approves the expenditure of additional available funding in the amount of Seventeen Thousand Two Hundred Fifty Six and 00/100 dollars (\$17,256.00) to CPME, LLC for additional construction costs for Pueblo Viejo Park Improvements. The change order provides for removal of soil that does not meet compaction requirements and replacement with imported engineering fill, adding three (3) days of contract time for Contract Number 2011-046. The new contract sum, including this change order, is Two Hundred Fifty Three Thousand Two Hundred Eighty Four and 11/100 dollars (\$253,284.11).

BACKGROUND / DISCUSSION:

During the excavation and compaction process the contractor encountered expansive soil. After several attempts to meet compaction requirements Engineering and Construction Management Department determined that the clay needed to be removed and replaced with engineering fill. City staff prepared an independent cost estimate and determined that the contractor's quote to remove the unsuitable soil and replace it with engineering fill was reasonable and within what the industry charges for this type of work.

PRIOR COUNCIL ACTION:

City Council approved the construction award of Solicitation No. 2011-046 for Pueblo Viejo Park Improvements November 30, 2010 with the amendment that all change orders are required to be brought forward to City Council.

AMOUNT AND SOURCE OF FUNDING:

\$17,256.00 – Community Development Block Grant 36th Year

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 Seventeen Thousand Two Hundred Fifty Six and 00/100 dollars (\$17,256.00) to CPME, LLC for additional construction costs for Pueblo Viejo Park Improvements. The change order provides for removal of soil that does not meet compaction requirements and replacement with imported engineering fill, adding three (3) days of contract time for Contract Number 2011-046. The new contract sum, including this change order, is Two Hundred Fifty Three Thousand Two Hundred Eighty Four and 11/100 dollars (\$253,284.11).

ADOPTED THIS _____ DAY OF _____, 2011.

THE CITY OF EL PASO:

John F. Cook, Mayor

ATTEST:

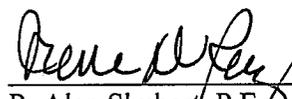
Richarda Duffy Momsen, City Clerk

APPROVED AS TO FORM:



Cynthia Osborn
Assistant City Attorney

APPROVED AS TO CONTENT:



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

PL # 84032
Change Order
Pueblo Viejo Park Improvements
CPME, LLC
COSB

CITY OF EL PASO CONSTRUCTION CHANGE ORDER

CONSTRUCTION CHANGE ORDER NO.: 1 DATE: August 22, 2011

PROJECT: PUEBLO VIEJO PARK IMPROVEMENTS SOLICITATION NO. 2011-046

Original Contract Amount: \$ <u>233,373.09</u>	Contract Time to Substantial Completion <u>90</u>
Net Change by previous Change Orders: \$ <u>17,256.00</u>	Total days added due to Change Orders and CQN's <u>39</u>
Net Change by previous Construction Quantity Notices: \$ <u>2,655.02</u>	Total days added for this Change Order <u>3</u>
Amount of this Construction Change Order: \$ <u>-</u>	New Contract Time to Substantial Completion: <u>132</u>
New Amended Contract Amount: <u>\$253,284.11</u>	Current Substantial Completion Due Date <u>6/12/2011</u>
Change Order Percentage: <u>7%</u>	

SCOPE CHANGE
 CONSTRUCTION CHANGE

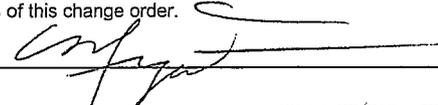
CONTRACTOR NAME: CPME, LLC

Please provide a detailed scope of work of the change order (see back for reason/justification):
Contractor shall remove and dispose of 10" (640 CY) of subgrade at basketball courts.

CONSECUTIVE CALENDAR DAYS ADDED TO COMPLETION TIME: 3 TOTAL CHANGE ORDER AMOUNT: \$ 17,256.00

CONTRACTOR

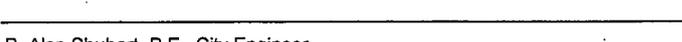
I, MIGUEL TERAN, of CPME LLC agree and accept the terms and conditions of this change order.

Signature: 

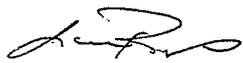
Date: 8-29-2011

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

Date: _____



CITY OF EL PASO CONSTRUCTION CHANGE ORDER- Pg. 2

CONSTRUCTION CHANGE ORDER NO.: 1 DATE: August 22, 2011

PROJECT: PUEBLO VIEJO PARK IMPROVEMENTS SOLICITATION NO. 2011-046

<input type="checkbox"/>	SCOPE CHANGE
<input checked="" type="checkbox"/>	CONSTRUCTION CHANGE

Project Number <u>G7136CD0014</u>	Project Number <u>0</u>	PURCHASE ORDER # <u>1100000259</u>
Class <u>71000</u>	Class <u>0</u>	
Department <u>71150069</u>	Department <u>0</u>	
Fund <u>8929</u>	Fund <u>0</u>	
Account <u>508027</u>	Account <u>0</u>	

CONTRACTOR NAME: CPME, LLC

PROVIDE REASON/JUSTIFICATION FOR CHANGE ORDER:

During grading process we encountered unsatisfactory and unsuitable soils. The subgrade consisted of fatty clays. Because of the fatty clays the Contractor could not meet compaction requirements. Fatty clays need to be removed and replaced with imported engineering fill.

CONSECUTIVE CALENDAR DAYS ADDED TO COMPLETION TIME: 3 TOTAL CHANGE ORDER AMOUNT: \$ 17,256.00

Project Manager recommends approval: *Oliver M. Castillo 8-29-11*

Engineering Division Manager recommends approval: *[Signature]*

Financing Department approval: _____
(If Required)

CONSTRUCTION CO#1 -COST ANALYSIS

PUEBLO VIEJO PARK IMPROVEMENTS
REMOVE 640 CY OF EXITING SOIL

PUEBLO VIEJO PARK IMPROVEMENTS- PROJECT MANAGER 'S INDEPENDENT COST					
MATERIALS					
ITEM:	QUANTITY:	PRICE PER UNIT:	PROJECT TIME HOURS	COST:	COMMENT
REMOVE SOIL	640 CY	\$15.00		\$ 9,600.00	
DUMP TRUCK	1	\$250.00/DAY	8	\$ 250.00	
BACKHOE	1	\$250.00/DAY	16.0	\$ 500.00	
DISPOSAL	172.8 TONS	\$26.00/TON		\$ 4,492.80	
TOTAL MATERIALS				\$14,842.80	
LABOR					
LABOR TYPE	RATE	LABOR BURDEN (44%)	PROJECT TIME HOURS	COST	COMMENT
OPERATOR	\$11.00	\$15.84	16.0	\$253.44	FROM 2008 PAVING AND STREET CONSTRUCTION, HIGHWAY WAGE RATE
TRUCK DRIVER	\$9.50	\$13.68	8.0	\$109.44	FROM 2008 PAVING AND STREET CONSTRUCTION, HIGHWAY WAGE RATE
TOTAL LABOR				\$362.88	
TOTAL LABOR & MATERIALS				\$15,205.68	
MARK-UP (15%)				\$ 2,280.85	
TOTAL				\$ 17,486.53	

PROJECT MANAGER 'S INDEPENDENT COST ESTIMATE	CONTRACTOR'S PRICE	COMMENT
\$ 17,486.53	\$17,256.00	OKAY



March 3, 2011

Ana M. Castillo
COEP-ECM
City of El Paso Engineering and CM Department
2 Civic Center Plaza
El Paso, TX 79901

Ref.: Pueblo Viejo Park
No. 2011-046
Change Order Request (COR) # 3
Excavate and Export for Barrow fill

Dear Ms. Ana M. Castillo:

We hereby submit our Change Order Request # 3 in the amount of \$ 17,256.00 to excavate and remove existing material to reach sub-grade for import of barrow-new fill.

This work includes the following:

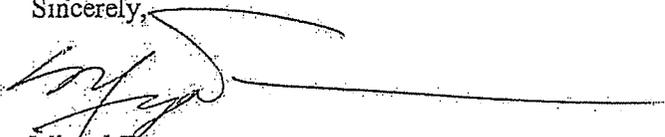
Description: Additional work required to excavate to proposed sub-grade and export (Truck) unsuitable material off site at basketball courts.

Reason: Line item to remove existing material was not included in unit price schedule on base bid. Reference RFI # 5.

We have attached a copy of a breakdown with backup for your review.

If you have any questions or need further information please call me at (915) 781-2763.

Sincerely,



Miguel Teran
Project Manager

File - COR #3

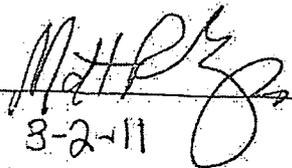
6044 Gateway East Blvd, Suite 810
El Paso, TX 79905

Phone: (915) 778-2889
Fax: (915) 778-2889

To: CPME (City Of El Paso, Texas) Address: 1116 Montana Ave El Paso, TX 79902	Contact: Phone: 915-781-2763 Fax: 915-351-0064
Project Name: Pueblo Viejo Park Excavation To Sub Grade (Extra Work) Project Location:	Bid Number: Bid Date:

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
1	Excavate Basketball Courts To Proposed Sub Grade.	690.00	CY	\$9.70	\$6,693.00
2	Export Of Unsuitable Excavated Material	58.00	LOAD	\$130.00	\$7,540.00

Total Bid Price: \$14,233.00

ACCEPTED: The above prices, specifications and conditions are satisfactory and are hereby accepted. Buyer: _____ Signature: _____ Date of Acceptance: _____	CONFIRMED: Pika Piedras Authorized Signature:  Estimator: MRG 3-2-11
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3/2/2011 3:15:16 PM

Page 1 of 1

cc: File
MT

Cost Detail

Project Name: Pueblo Viejo Park Excavation To Sub Grade (Extra Work)	Customer: CPME (City Of El Paso, Texas)
Job Number:	Billing Address: 1116 Montana Ave El Paso, TX 79902
Bid As:	Phone: 915-781-2763
Estimator:	Contact:
Project Address:	
Completion Date:	

Pay Items

Description	Quantity UM	Unit Direct Cost	Total Direct Cost
1 - 1 - Excavate Basketball Courts To Proposed Sub Grade	690.00 CY	\$8.48	\$5,850.40
Medium Grading Crew (172.50 CY/DY, 4.00 DY)	690.00 CY	\$8.48	\$5,850.40
Noram 65E Blade	32.00 HR	\$25.00	\$800.00
Operator 1	32.00 HR	\$18.50	\$592.00
Cat 950 Loader	32.00 HR	\$28.00	\$896.00
Operator 2	32.00 HR	\$16.00	\$512.00
Mustang 2026	32.00 HR	\$15.00	\$480.00
Operator 2	32.00 HR	\$16.00	\$512.00
Water Truck 2500 Gal [0.5]	32.00 HR	\$18.00	\$288.00
Operator 3 [0.5]	32.00 HR	\$13.65	\$218.40
Pick-up Truck	32.00 HR	\$8.00	\$256.00
Supt	32.00 HR	\$28.00	\$896.00
Laborer 2	32.00 HR	\$12.50	\$400.00
2 - 2 - Export Of Unsuitable Excavated Material	58.00 LOAD	\$114.00	\$6,612.00
10 Wheel Dump Truck	80.00 HR	\$40.00	\$3,200.00
Operator 3	80.00 HR	\$13.65	\$1,092.00
Dirt Waste Disposal Fee	58.00 LOAD	\$40.00	\$2,320.00

	Amount	Percent of Direct Cost
Labor:	\$4,222.40	33.88%
Equipment Owned:	\$256.00	2.05%
Equipment Rented:	\$5,664.00	45.45%
Materials Owned:	\$0.00	0.00%
Materials Purchased:	\$0.00	0.00%
Subcontracted:	\$0.00	0.00%
Trucking Owned:	\$0.00	0.00%
Trucking Hired:	\$0.00	0.00%
Miscellaneous:	\$2,320.00	18.62%
Plug:	\$0.00	0.00%
Direct Cost:	\$12,462.40	

Pay Item Summary

	Amount	Percent of Bid Price
Total Direct Cost:	\$12,462.40	87.56%
Total DC Adds/Cuts:	\$0.00	0.00%
Total Indirect Cost:	\$0.00	0.00%
Total Bond:	\$0.00	0.00%
Total Overall Cost:	\$12,462.40	87.56%
Total Overhead:	\$0.00	0.00%
Total Profit:	\$1,770.60	12.44%
Total Margin:	\$1,770.60	12.44%
Total Bid Price:	\$14,233.00	