

**CITY OF EL PASO, TEXAS
REQUEST FOR COUNCIL ACTION (RCA)**

DEPARTMENT: Sun Metro/Engineering
AGENDA DATE: October 13, 2009
CONTACT PERSON/PHONE: R. Alan Shubert, P.E., City Engineer, Phone 541-4423
PROJECT NAME/SOLICITATION NO: 2009-200

DISTRICT(S) AFFECTED: 1

SUBJECT:

That the City approves the expenditure of additional available funding in the amount of seventy four thousand one hundred eighty eight and 73/100 dollars (\$74,188.73) to Arrow Building Corporation for additional construction costs of the Glory Road Transit Terminal. Change Order 3 provides for revision of the structural mat foundation approximately one foot and revises the foundation section along the east side of the building. The revision to the foundation section avoided the need for additional excavation across the project site. As a result of the foundation's lower elevation, the quantities of the building assemblies bearing on the foundation increased in order to maintain the building's first-to-second floor height relationship, adding no days of contract time [change order number 3] for Contract Number 2009-145. The new contract sum, including change order 3, is nine million ninety six thousand five hundred sixty nine and 49/100 dollars (\$9,096,569.49).

BACKGROUND / DISCUSSION:

Change Order 3 provides for revision of the structural mat foundation approximately one foot and revises the foundation section along the east side of the building. The revision to the foundation section avoided the need for additional excavation across the project site. As a result of the foundation's lower elevation, the quantities of the building assemblies bearing on the foundation increased in order to maintain the building's first-to-second floor height relationship.

PRIOR MASS TRANSIT BOARD/COUNCIL ACTION:

The Mass Transit Board and City Council approved the construction award of Glory Road Transit Terminal June 2, 2009.

AMOUNT AND SOURCE OF FUNDING:

60600011/508027/11711/PCP09MT003 American Recovery & Reinvestment Act (ARRA)

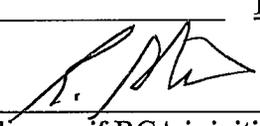
BOARD / COMMISSION ACTION:

N/A

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

LEGAL: (if required) _____ **FINANCE:** (if required) _____

DEPARTMENT HEAD: _____

(Example:  if RCA is initiated by Purchasing, client department should sign also)
Information copy to appropriate Deputy City Manager

APPROVED FOR AGENDA: _____

CITY MANAGER: _____

DATE: _____

RESOLUTION

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

That the City approves the expenditure of additional available funding in the amount of seventy four thousand one hundred eighty eight and 73/100 dollars (\$74,188.73) to Arrow Building Corporation for additional construction costs of the Glory Road Transit Terminal. Change Order 3 provides for revision of the structural mat foundation approximately one foot and revises the foundation section along the east side of the building. The revision to the foundation section avoided the need for additional excavation across the project site. As a result of the foundation's lower elevation, the quantities of the building assemblies bearing on the foundation increased in order to maintain the building's first-to-second floor height relationship, adding no days of contract time [change order number 3] for Contract Number 2009-145. The new contract sum, including change order 3, is nine million ninety six thousand five hundred sixty nine and 49/100 dollars (\$9,096,569.49).

ADOPTED THIS _____ DAY OF _____, 2009.

THE CITY OF EL PASO:

John F. Cook, Mayor

ATTEST:

Richarda Duffy Momsen, City Clerk

APPROVED AS TO FORM:



Mark Shoosmith
Assistant City Attorney

APPROVED AS TO CONTENT:



R. Alan Shubert, P.E.
City Engineer

**CITY OF EL PASO ENGINEERING DEPARTMENT
CONTRACT CHANGE ORDER**

DATE: 9/23/2009
 PROJECT: GLORY ROAD TRANSIT TERMINAL
 TO (Contractor): ARROW BUILDING CORPORATION

CHANGE ORDER NO.: 3
 SCOPE CHANGE CONSTRUCTION CHANGE
 BID NO.: 2009-145
 DEPT. ID#: 60600011
 PROJ/GRANT/USER: PCP09MT003
 FUND: 11711
 ACCOUNT: 508027
 PO NO.: 2009003367

You are directed to make the following changes to this Contract:

Revise the mat foundation elevations in order to avoid the need for additional excavation across the project site.

CHANGE ORDER AMOUNT : 74,188.73

Original Contract Sum	8,994,000.00
Net Change by previous Change Orders	28,380.76
Net Change by previous Construction Quantity Notices	0.00
Contract Sum prior to this Change Order	9,022,380.76
Contract Sum will be (increased) (decreased) (unchanged) By this Change Order	74,188.73
New Contract Sum, including this Change Order	9,096,569.49
Total Net Value of Change Orders To Date	102,569.49
Total Net Value of Construction Quantity Notices to Date	0.00

Contract Time will be (increased) (decreased) (unchanged) BY () DAYS*	Original Contract Days:	475
	Days by Previous and Current Change Order:	0
	Total Days:	475

* Subject to the terms of the Contract, GENERAL CONDITIONS, SECTION 2.5

Net Change Order and Construction Quantity Notice Percentage (Not to exceed 25%) 1.14%

CONTRACTOR	CITY OF EL PASO
ARROW BUILDING CORPORATION	CITY COUNCIL ACTION REQUIRED: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes _____ Date Approved
By:  _____ DAVID DIAZ V-P <small>Type or Print Name</small> 9/30/2009 <small>Date</small>	By:  _____ R. Alan Shubert, P.E. <small>City Engineer</small> 9/30/09 <small>Date</small>

GG 9/30/09

**CITY OF EL PASO
REQUEST FOR CHANGE ORDER**

TO: Financial Services, Construction Bidding

FROM: Gilbert Guerrero

FIRM: City of El Paso Engineering

Phone No. 541-4107

DATE: September 19, 2009

RE: Project: Glory Road Transit Terminal

Bid No: 2009-145

Change Order No: 3

Please Indicate Type: Construction X Scope

Change in Contract Time: 0 Days

Change Order Amount: \$ 74,188.73

Please Indicate Action to PO: Increase X Decrease

Justification: Revise the mat foundation elevations in order to avoid the need for additional excavation across the project site

Attachments: Problem/Solution Rationalization
Contractor's Cost Proposals

Project Manager Recommends Approval:

Gilbert Guerrero Date: 9/18/09

RECEIVED

SEP 18 2009

ENGINEERING DEPARTMENT
CONTRACT COMPLIANCE

CONSTRUCTION CHANGE ORDER JUSTIFICATION

Date: September 18, 2009

RE: Glory Road Transit Terminal
Solicitation No.: 2009-145

Problem:

- (1) The project plans contained elevation differences between the entrance apron, driveway slab and structural mat foundation; this in turn would create problems for both cars and buses entering the facility. In addition would require utilities to be run through the mat foundation, which is not an acceptable practice. (Design Oversight)

Solution:

- (1) Lower the overall mat foundation in order to provide a smooth transition from the street to the new facility. Also provide adequate space between the mat foundation and building concrete floor to run utility lines away from the foundation.

Total Cost \$ 74,188.73

Project Manager Recommends Approval:

Gilbert Guerrero

Date:

9/18/09

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ARCHITECTS INC.

September 9, 2009

Gilbert Guerrero, P.E.
Engineering Services Department
4th Floor of City Hall
2 Civic Center Plaza
El Paso, Texas 79901

**Reference: Glory Road Transit Terminal
100 East Glory Road
El Paso, Texas 79902
Change Proposal No. 3**

Dear Mr. Guerrero:

We are in receipt of Change Proposal No. 3 prepared by Arrow Building Corporation for the Glory Road Transit Terminal and Parking Garage. Our office issued the change proposal request in response to elevation differences discovered between the entrance apron, driveway slab and structural mat foundation along the north side of the building. Arrow's proposal dated August 12, 2009 for the sum of \$74,188.73 includes additional earthwork, concrete, reinforcement, forming, masonry, and shoring.

The revision lowers the structural mat foundation approximately one foot and revises the foundation section along the east side of the building. The revision to the foundation section avoided the need for additional excavation across the project site. As a result of the foundation's lower elevation, the quantities of the building assemblies bearing on the foundation increased in order to maintain the building's first-to-second floor height relationship.

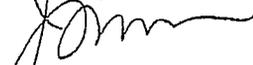
The lower mat foundation elevation eases the transition for cars and buses entering and cars exiting the parking garage on Glory Road. Consequently, the lower foundation also eliminates the need to run underground utilities in or through the 48-60 inch thick foundation mat.

Attached is a copy of Change Proposal No. 3 from Arrow Building Corporation. We have reviewed this Change Proposal and find the cost of \$74,188.73 to be acceptable and recommend approval of this Change Proposal for inclusion in a change order.

Please let us know if you agree with our recommendation to accept this Change Proposal so we can notify Arrow and ECM to proceed with this work and of its inclusion in the next Change Order.

If you have additional questions, please do not hesitate to contact me.

Sincerely,



Jorge Mora, AIA, LEED AP
Mijares-Mora Architects, Inc.

cc: Melchor Herrera, ECM International
David Diaz, Arrow Building Corporation

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