

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

DEPARTMENT: Engineering

AGENDA DATE: August 10, 2010

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

DISTRICT(S) AFFECTED: 1

SUBJECT:

That the City Council approves the expenditure of additional available funding by a change order in the amount of three hundred ninety nine thousand and 00/100 dollars (\$399,000.00) to Arrow Building Corporation for additional construction costs of the Glory Road Transit Terminal. The change order provides for labor, materials and equipment for removal of existing asphalt pavement and replace with concrete on Glory Road, Oregon Street and a portion of Cincinnati Street in front of the terminal, adding no days of contract time for Contract Number 2009-145. The new contract sum, including the change order approved herein, is nine million seven hundred thirty three thousand four hundred eighty and 83/100 dollars (\$9,733,480.83).

BACKGROUND / DISCUSSION:

Due to the large amount of bus traffic in the area the existing asphalt pavement will deteriorate at a more rapid pace than normal traffic conditions. Replacing the existing asphalt with concrete paving will provide a longer lasting pavement structure with minimal maintenance requirements.

PRIOR COUNCIL ACTION:

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

AMOUNT AND SOURCE OF FUNDING:

American Recovery and Reinvestment Act

BOARD / COMMISSION ACTION:

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

*****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 by a change order in the amount of three hundred ninety nine thousand and 00/100 dollars (\$399,000.00) to Arrow Building Corporation for additional construction costs of the Glory Road Transit Terminal. The change order provides for labor, materials and equipment for removal of existing asphalt pavement and replace with concrete on Glory Road, Oregon Street and a portion of Cincinnati Street in front of the terminal, adding no days of contract time for Contract Number 2009-145. The new contract sum, including the change order approved herein, is nine million seven hundred thirty three thousand four hundred eighty and 83/100 dollars (\$9,733,480.83).

ADOPTED THIS _____ DAY OF _____, 2010.

THE CITY OF EL PASO:

John F. Cook, Mayor

ATTEST:

Richarda Duffy Momsen, City Clerk

APPROVED AS TO FORM:



Mark Shoesmith
Assistant City Attorney

APPROVED AS TO CONTENT:



R. Alan Shubert, P.E.
City Engineer

10 AUG -2 PM 1:28

DATE: 7/20/2010
PROJECT: GLORY ROAD TRANSIT TERMINAL
TO (Contractor): ARROW BUILDING CORPORATION

CHANGE ORDER NO.: 12
 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:

Justification:

Provide labor, materials, and equipment to remove existing asphalt pavement and replace with concrete pavement, Streets to be rebuilt include Glory Road, Oregon Street, and portion of Cincinnati Street all in front of the new Glory Road Transit Terminal.

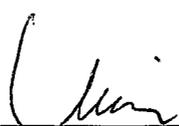
Attachments: Problem/Solution Rationalization
Contractor's Cost Proposals

CHANGE ORDER AMOUNT : 399,000.00

Original Contract Sum	8,994,000.00		
Net Change by previous Change Orders	340,480.83		
Net Change by previous Construction Quantity Notices	0.00		
Contract Sum prior to this Change Order	9,334,480.83		
Contract Sum will be (increased) (decreased) (unchanged)		By this Change Order	399,000.00
New Contract Sum, including this Change Order	9,733,480.83		
Total Net Value of Change Orders To Date	739,480.83		
Total Net Value of Construction Quantity Notices to Date	0.00		
Contract Time will be (increased) (decreased) (unchanged)		BY (0) DAYS*	
		Original Contract Days:	475
		Days by Previous and Current Change Order:	54
		Total Days:	529

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

Net Change Order and Construction Quantity Notice Percentage (Not to exceed 25%) 8.22%

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. Type or Print Name 7/21/2010 Date		By:  R. Alan Shubert, P.E. City Engineer 7/22/10 Date

GG 7/22/10 

CITY CLERK DEPT.

10 AUG -2 PM 1:29

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: July 20, 2010

RE: Project: Glory Road Transit Terminal

Bid No: 2009-145

Change Order No: 12

Please Indicate Type: Construction Scope

Change in Contract Time: 0 Days

Change Order Amount: \$ 399,000.00

Please Indicate Action to PO: Increase Decrease

Justification: Provide labor, materials, and equipment to remove existing asphalt pavement and replace with concrete pavement, Streets to be rebuilt include Glory Road, Oregon Street, and portion of Cincinnati Street all in front of the new Glory Road Transit Terminal.

Attachments: Problem/Solution Rationalization
Contractor's Cost Proposals

Project Manager Recommends Approval:

Gilbert Guerrero Date: 7/20/10

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CONSTRUCTION CHANGE ORDER JUSTIFICATION

Date: July 20, 2010

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

Problem:

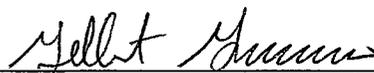
- (1) With the new terminal being built and the expected amount of bus traffic in the area, the existing asphalt will deteriorate faster than the average use of a street. (USER REQUEST). Cost \$399,000.00

Problem:

- (1) Replace the existing asphalt pavement with concrete in order to provide a more durable and lasting pavement.

Total Cost \$ 399,000.00

Project Manager Recommends Approval:

 **Date:** 7/20/10

CITY CLERK DEPT.

10 AUG -2 PM 1:29

REQUEST TO CHANGE SCOPE OF WORK- CONSTRUCTION PHASE

Date: 6/7/10
To: R. Alan Shubert, P.E. City Engineer
From: Jay Banasiek
User Department: Sun Metro
User Department Head Signature: Jay Banasiek
Project Name: Glory Rd

Please provide a detailed description of the change in scope of work you are requesting:

Sun Metro needs to reconstruct Oregon, Glory Rd and part of Cincinnatti around the Glory Rd Transfer Center from asphalt to concrete. There will be a lot of bus traffic along those streets once the transfer center opens and the existing asphalt would deteriorate much sooner. In addition to converting them ^{to} asphalt, the existing pavement is in very poor condition already.

Please provide a detailed explanation why the change in scope is necessary and beneficial:

RECEIVED
JUN - 9 2010
ENGINEERING DEPT.

TO BE FILLED OUT BY USER DEPARTMENT
FOR ENGINEERING DEPARTMENT USE ONLY

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FOR ENGINEERING DEPARTMENT USE ONLY

The Engineering Division Manager and Project Manager shall provide the following information to the Assistant City Engineer so that a recommendation can be provided to City Engineer or Deputy City Manager:

Original Total Project Budget: \$ 8,994,000
 Total projected additional cost due to scope change \$ 399,000
 (Includes all construction and engineering costs)
 Is a budget increase necessary? yes If so how much? 399,000
 Is a budget transfer necessary? yes Does it require Council approval? yes

Original Project Schedule Completion Date: 10/14/10
 Revised Project Schedule Completion Date due to scope change 12/3/10
 Is a design amendment necessary? NO Does it require Council approval? yes NO CG
 Is a change order necessary? yes Does it require Council approval? yes

Summary

Does the Assistant City Engineer recommend to the City Engineer or Deputy City Manager approval of scope change? X Yes _____ No

Please explain recommendation

Needed to improve safety and for enhancing life of the pavement structure.

If the scope change is less than \$25,000 does the City Engineer approve scope change?
 Yes _____ No

City Engineer [Signature]
 Date 7/19/10

OR

If the scope change is more than \$25,000 does the Deputy City Manager approve scope change?
 _____ Yes _____ No

Deputy City Manager [Signature]
 Date 7/21/2010

CITY CLERK DEPT.

10 AUG -2 PM 1:29

REQUEST FOR PURCHASE ORDER

INCREASE / DECREASE

(circle one)

ENTERED BY: _____ DATE: _____

POSTED BY: _____ DATE: _____

PURCHASE ORDER # 2009003367 *[Signature]* 6/16/10

DESCRIPTION Glory Road Transfer Center - Change Order No. 11 - Provide labor, materials, & equipment to reconstruct portions of Glory Road, Oregon, and Cincinnati Street with concrete pavement.

AMOUNT \$399,000.00 off-site improvements

(Provide funding information only if changing the funding source)

ACCOUNT 508027

FUND 11711

DEPT. ID 600600011

CLASS 60000

PROJECT POPO9MT003

GRANT TX-96-X1035 DT

(please print and sign name)

PROJECT MANAGER SIGNATURE Gilbert Guerrero / *[Signature]* **DATE** 6/10/10

SECTION MGR. Johanes Makahaube / *[Signature]* **DATE** 6/10/10

CONTRACT COMPLIANCE SPECIALIST Michelle LePage / *[Signature]* **DATE** 6/11/10



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10 AUG -2 PM 1:29

Arrow Building Corporation • 6095 Surety Drive • El Paso, Texas 79905
(915) 778-1147
FAX (915) 778-5123
www.arrowbldg.com

May 27, 2010

Mr. Mel Herrera
ECM International, Inc.
404 Executive Center Blvd.
El Paso, Texas 79902

Re: Glory Road Transit Terminal and Parking Garage

Dear Mr. Herrera,

We propose to provide labor, materials, and equipment for the Concrete Paving per scope of work furnished by the City of El Paso and drawings by Moreno Cardenas, Inc. sheets C9 and C11 for the sum of \$ 399,000.00

Sincerely,
Arrow Building Corporation

A handwritten signature in black ink, appearing to read "David Diaz", written over a horizontal line.

David Diaz
Vice President

CITY CLERK DEPT.

10 AUG -2 PM 1:29

ARROW BUILDING CORPORATION
SUMMARY SHEET

06/01/2010
09:15:18 AM

ESTIMATE: CP #17

BID DATE:

DESCRIPTION	LABOR	MATERIAL	SUBCONTRACT		TOTAL
0100 General Cond	29,597	9,039	0	10.0%	38,636
0210 Temp Facilities	14,493	7,700	0	A	22,193
0210 Demolition	0	0	30,328	A	30,328
0220 Dirtwork&Paving	0	0	25,149	A	25,149
0265 Site Concrete	73,464	101,994	6,035	A	181,493
0500 Steel	17,442	28,173	0	A	45,615
<hr/>					
1700 Sales Tax	134,997	146,906	61,511		343,414
	0	0	0		0
<hr/>					
	134,997	146,906	61,511		343,414
1800 Permit EP	0	0	0		0
1800 TDL&R	0	0	0		0
1900 W/C insurance	0	35,854	0		35,854
1904 Bond Premiums	0	7,090	0		7,090
<hr/>					
2500 OH&P	5.00%	Adv 0	Exp 0		386,358 12,642
<hr/>					
1700 GR Tax	0.00%				399,000 0
<hr/>					
TOTAL ESTIMATE					399,000

CITY CLERK DEPT.

0210 Temp Facilities

sub
0

10 AUG -2 PM 1:29

Adv
0
Bond
0.0%

A
Other
Other
Other

	Ext	Unit	Labor	Unit	Material	Unit	Subcont
			0		0		0
Barricades & traffic contro	520	22.00	11,440	10.00	5,200		0
SWP	1	1,500.00	1,500	2,500.00	2,500		0
			0		0		0
			0		0		0
			0		0		0
			0		0		0
			0		0		0
			0		0		0
\$/unit	14.78						
Payroll Taxes	12.00%		1,553				
\$/SF	0.28						
comparison#	7,700		14,493		7,700		0

0210 Demolition

sub
0

Adv
0
Bond
0.0%

A
Other
Other
Other

	Ext	Unit	Labor	Unit	Material	Unit	Subcont
			0		0		0
City Street	27,828		0		0	1.00	27,828
Saw Cut	170		0		0	10.00	1,700
Curbs	100		0		0	8.00	800
			0		0		0
			0		0		0
			0		0		0
			0		0		0
			0		0		0
			0		0		0
\$/unit	1.08						
Payroll Taxes	12.00%		0				
\$/SF	1.09						
comparison#	30,328		0		0		30,328

0220 Dirtwork&Paving

sub
0

Adv
0
Bond
0.0%

A
Other
Other
Other

	Ext	Unit	Labor	Unit	Material	Unit	Subcont
			0		0		0
Export	690		0		0	9.20	6,348
Subgrade prep	27,828		0		0	0.46	12,801
Base course and 2 Sac	40		0		0	150.00	6,000
Paving			0		0	30.00	0
			0		0		0
			0		0		0
			0		0		0
			0		0		0
\$/unit	0.88						
Payroll Taxes	12.00%		0				
\$/SF	0.90						
comparison#	25,149		0		0		25,149

0265 Site Concrete

CITY CLERK DEPT.

10 AUG -2 PM 1:29

Adv
0
Bond
0.0%

A
Other
Other
Other

sub
0

	Ext	Unit	Labor	Unit	Material	Unit	Subcont
			0		0		0
			0		0		0
Concrete Material	760		0	95.00	72,200		0
Cure	27,828	0.12	3,339	0.30	8,348		0
Concrete equipment	1		0	3,500.00	3,500		0
Edge Forms	1,245	2.50	3,113	2.50	3,113		0
Place and Finish	27,828	2.00	55,656	0.30	8,348		0
Expansion Joints	520	1.00	520	1.00	520		0
Saw Cut	2,065	1.00	2,065	1.00	2,065		0
Joint Sealants	4,023		0		0	1.50	6,035
Anchors, Wire Nails	1		0	3,500.00	3,500		0
Curbs	100	9.00	900	4.00	400		0
			0		0		0
			0		0		0
			0		0		0
			0		0		0
			0		0		0
\$/unit	1.68						
Payroll Taxes	12.00%		7,871				
\$/SF	3.88						
comparison#	108,029		73,464		101,994		6,035

0500 Steel

A
Other
Other
Other

sub
0

Adv
0
Bond
0.0%

	Ext	Unit	Labor	Unit	Material	Unit	Subcont
			0		0		0
			0		0		0
Rebar	40,896	0.35	14,314	0.50	20,448		0
Smooth dowels	1,260	1.00	1,260	3.75	4,725		0
Accessories	1		0	3,000.00	3,000		0
			0		0		0
			0		0		0
			0		0		0
			0		0		0
\$/unit	0.67						
Payroll Taxes	12.00%		1,869				
\$/SF	1.01						
comparison#	28,173		17,442		28,173		0