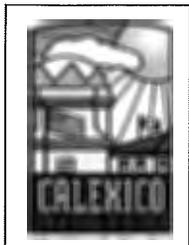


AGENDA
ITEM

14



AGENDA STAFF REPORT

DATE: June 6, 2018

TO: Mayor and City Council

PREPARED BY: David Dale, City Manager *David Dale*

SUBJECT: Authorize City Manager to Sign Change Order No. 1 with A&R Construction in the amount of \$24,281.58 for Fifth Street and Grant Street Water Mains Improvement Project.

=====

Recommendation:

Authorize City Manager to Sign Change Order No. 1 with A&R Construction in the amount of \$24,281.58 for Fifth Street and Grant Street Water Mains Improvement Project.

Background:

On January 10, 2018, the City Council of the City of Calexico award bid proposal to A&R Construction in the amount of \$1,340,302.75 for the construction of Fifth Street and Grant Street Water Mains Line Improvement Project. The scope of work for said project includes the pipeline from the Water Treatment Plant, down 5th Street and crossing Cesar Chavez Blvd. It also includes a water pipeline replacement on Grant Street, and the installation of a 36" water meter at the Water Treatment Plant. In addition a 36" water meter is also needed at the Water Treatment Plant due to State mandates to accurately measure the water sent to the distribution system, in order to accurately determine the water loss.

Discussion & Analysis:

Due to additional work that was not anticipated during the design phase of said project, Public Work staff is requesting that the City Council of the City of Calexico approve the following change order:

- Deduction of Line Item 90 thru 103
- Additive work
- Install 3-12" Alignment Off Sets and Install (4) Sac Slurry
- Install Sewer, Water, & Fire Lines to the lots on 5th Street and Cesar Chavez Blvd.
- Connect and Extend (2) each Dead end waterlines on Cesar Chavez to the existing 12" main at Grant Street

AGENDA
ITEM
14

With Change Order No. 1, the new contract amount will be \$1,364,584.33.

Fiscal Impact:

Budgeted Item for FY 2017-2018
Water Enterprise Fund
Fund No. 516-90-929-56000-000

Coordinated With:

Public Works Department.

Attachment(s):

1. Change Order No. 1



**CITY OF CALEXICO
PUBLIC WORKS DEPARTMENT
CHANGE ORDER NO. 1**

Name of Project: Fifth Street and Grant Street
Water Mains Improvement Project
Name of Contractor: A&R Construction
Date: 06/06/18

#	Description	Price Increase	Price Decrease	Time Extension
1	Deduction of Line Item 90 thru 103, See Change Order #1 Request dated Feb. 20, 2018		(321,374.00)	
2	Additive work, See Change Order #2 Request dated Feb. 21, 2018	\$ 160,224.91		
3	Install 3-12" Alignment Off Sets and Install (4) Sac Slurry, See Change Order #4 dated March 22, 2018	\$ 32,792.67		
4	Install Sewer, Water, & Fire Lines to the lots on 5th Street and Cesar Chavez Blvd.	\$ 59,588.00		
5	Connect and Extend (2) each Dead end waterlines on Cesar Chavez to the existing 12" main at Grant Street	\$ 93,050.00		
	Sub-Total	\$ 345,655.58	(321,374.00)	
	Total	\$	24,281.58	
	Contract Amount	\$	1,340,302.75	
	Total Contract Amount (Contract + Change Order No. 1)	\$	1,364,584.33	

David Dale, City Manager
City of Calexico, 608 Heber Avenue, Calexico, California

Robert Ortiz, Project Inspector
City of Calexico, 608 Heber Avenue, Calexico, California

Johnnie Combs, Project Manager
A&R Construction, 1631 River Drive, Brawley, California



OFFICE (760) 344-4653 • FAX (760) 344-4146
 1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

CHANGE ORDER

TO City of Calexico 608 Heber Ave. Calexico CA 92231	PROJECT 201804 5th St. & Grant Ave Water Mains 608 Heber Ave. Calexico CA 92231	ORDER 1 ORDER DATE 02/20/2018 ORDERED BY SUBMITTED TO
Contract#		

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract

PLANS ATTACHED
 SPECIFICATIONS ATTACHED

Description of Work	Amount
Deductive Change Order	
Deduct Line Item #90	-16,800.00
Deduct Line Item #91	-38,500.00
Deduct Line Item #92	-39,406.00
Deduct Line Item #93	-113,073.00
Deduct Line Item #94	-12,400.00
Deduct Line Item #95	-2,500.00
Deduct Line Item #96	-7,200.00
Deduct Line Item #97	-33,650.00
Deduct Line Item #98	-2,100.00
Deduct Line Item #99	-27,870.00
Deduct Line Item #100	-20,000.00
Deduct Line Item #101	-500.00
Deduct Line Item #102	-4,875.00
Deduct Line Item #103	-2,500.00

Negative changes will lower the overall contract price requiring no additional payment by owner.

Requested Amount of Change -321,374.00

The original Contract Sum was	1,340,302.75
Net change by previous Change Orders	0.00
The Contract Sum prior to this Change Order	1,340,302.75
The Contract Sum will be changed by this Change Order	-321,374.00
The new Contract Sum including this Change Order will be	1,018,928.75
The Contract Time will be changed by	0 Days

Approved Date 2-21-18 Approved Date _____
 Contractor [Signature] Owner _____

Change Order
Continued...

Order: 1
Page: 2 of 2

Description of Work

Amount

Description of Work	Amount
----------------------------	---------------



TERRY ROBERTSON, INC., dba
 OFFICE (760) 344-4653 • FAX (760) 344-4146
 1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

CHANGE ORDER

TO City of Calexico 608 Heber Ave. Calexico CA 92231	PROJECT 201804 5th St. & Grant Ave Water Mains 608 Heber Ave. Calexico CA 92231	ORDER 2 ORDER DATE 02/21/2018 ORDERED BY SUBMITTED TO
Contract#		

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract

PLANS ATTACHED
 SPECIFICATIONS ATTACHED

Description of Work

Amount

We propose to value engineer This position of the project by the addition and deletion of Materials, Labor, & Equipment as outlined below. Attached is a copy of our original proposal for reference.

Additive

Materials:

36" Compression xfl Romac Coupling	5,335.92
36"X10" Compression Romac Coupling	3,045.54
36"X10' Flanged Sheer Spool Restaint	6,184.00
36"X5' Flanged Spool	4,800.00
(4) Sets 36" FL Nuts & Bolts @ \$1647.97	6,591.88
(4) 36" Ring Gaskets @ \$71.19	284.76
6" CI GV Can	85.00
(6) CY 4500 LB Concrete @ \$118.00	708.00
8'X8'X9' Box with galvanized frame and	28,350.00
(4) piece galvanized parkway grates.	

Negative changes will lower the overall contract price requiring no additional payment by owner.

Requested Amount of Change

160,224.91

The original Contract Sum was	1,340,302.75
Net change by previous Change Orders	-321,374.00
The Contract Sum prior to this Change Order	1,018,928.75
The Contract Sum will be changed by this Change Order	160,224.91
The new Contract Sum including this Change Order will be	1,179,153.66
The Contract Time will be changed by	0 Days

Approved Date 2-21-18

Approved Date _____

Contractor

[Signature]

Owner _____

Change Order
Continued...

Order: 2
Page: 2 of 2

Description of Work	Amount
9'X15" Galvanized Ladder	750.00
36" Krohne Enviro Mag flow meter	26,583.34
(Per Spec)	
(2) Each Pipe Line Fab Products 36" Pipe Supports	850.00
36" FL Butterfly Valve	31,716.51
Equipment:	
330 Excavator 12 hrs @ \$245	2,940.00
Water Truck 6 hrs @ \$130	780.00
Loader 6 hrs @ \$160	960.00
(2) Service Trucks 12 hrs Each @ \$65	1,560.00
Light Tower Day Rate @ \$200	200.00
Labor:	
Foreman 24 hrs @ \$95	2,280.00
Labor 80 hrs @ \$85	6,800.00
15% Overhead & Profit	19,820.74
Tax @ 8.5%	9,799.22



OFFICE (760) 344-4653 • FAX (760) 344-4146
1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

CHANGE ORDER

TO City of Calexico 608 Heber Ave. Calexico CA 92231	PROJECT 201804 5th St. & Grant Ave Water Mains 608 Heber Ave. Calexico CA 92231	ORDER 4 ORDER DATE 03/22/2018 ORDERED BY SUBMITTED TO
Contract#		

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract

PLANS ATTACHED
SPECIFICATIONS ATTACHED

Description of Work

Amount

Per the revised plan emailed to me on 03/22/18

we propose to provide labor Materials & Equipment to install 3-12" alignment off sets to avoid existing utilities and install (4) Sac Slurry as backfill in these areas.

(1) Site (1) Sta. 32+20 +/- 20 LF	
4- 12" MJ 45 Degree Bends @ \$255.10	1,020.40
8- 12" Mega Lugs Joint Restraints @ \$138.77	1,110.16
4- 12" Pipe Bell Restraints @ \$195.62	782.48
2.3 Cy 4 SAC Slurry @ \$101.25	232.87
Labor \$565 per hour X 3 hrs	1,695.00
(2) Site (2) Sta. 35+00 - 36+10 +/- 110 LF	
4- 12" MJ 45 Degree Bends @ \$255.10	1,020.40
8 - 12" Mega Lugs Joint Restraints @ \$138.77	1,110.16
7 - 12" Pipe Bell Restraints @ \$195.62	1,369.34
12.3 Cy 4 SAC Slurry @ \$101.25	1,245.37
Labor \$565 per hr X 4.5 hrs	2,542.50
(3) Site (3) Sta. 37+60 +/- 20 LF	

Negative changes will lower the overall contract price requiring no additional payment by owner.

Requested Amount of Change

32,792.67

The original Contract Sum was	1,340,302.75
Net change by previous Change Orders	-321,374.00
The Contract Sum prior to this Change Order	1,018,928.75
The Contract Sum will be changed by this Change Order	32,792.67
The new Contract Sum including this Change Order will be	1,051,721.42
The Contract Time will be changed by	0 Days

Approved Date 3-22-18

Approved Date _____

Contractor [Signature]

Owner _____

Change Order
Continued...

Order: 4
Page: 2 of 2

Description of Work	Amount
4- 12" MJ 45 Degree Bends @ \$255.10	1,020.40
8- 12" Mega Lugs Joint Restraints @ \$138.77	1,110.16
4 - 12" Pipe Bell Restraints @ \$195.62	782.48
2.3 CY 4 SAC Slurry @ \$101.26	232.87
Labor \$565 per hr X 3 hrs	1,695.00
T&M	
Additional Labor & Equipment To Pot hole utilities found not on the approved or bid set of plans.	
(5) Laborers @ \$85 per hr= 425 hr X 12 hrs	5,100.00
(1) Foreman @ \$95 per hr X 12 hrs	1,140.00
(1) Backhoe @ \$130 per hr X 12 hrs	1,560.00
T&M	
Labor and Equipment to Jackhammer Concrete Road under the existing asphalt to allow for the installation of the new 12" Pipe Line.	
Service Truck 4.5 hrs @ \$65	292.50
Air Compressor Package @ \$140 per day	140.00
Backhoe 4.5 hrs @ \$130	585.00
Labor 22.5 hrs @ \$85	1,912.50
15% Overhead & Profit	4,154.93
Sales Tax @ 8.5 %	938.15



OFFICE (760) 344-4653 • FAX (760) 344-4146
1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

CHANGE ORDER

TO City of Calexico 608 Heber Ave. Calexico CA 92231	PROJECT 201804 5th St. & Grant Ave Water Mains 608 Heber Ave. Calexico CA 92231	ORDER 5 ORDER DATE 04/09/2018 ORDERED BY SUBMITTED TO
--	--	--

Contract#

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract

PLANS ATTACHED
SPECIFICATIONS ATTACHED

Description of Work

Amount

We propose to provide Labor, Equipment, and Materials to provide Sewer, Water, & Fire Lines to the lots on 5th Street & Cesar Chavez.

Material:

(4) Each Sewer Services w/clean outs @ (\$4500)	18,000.00
(4) Each 2" Water Services w/meter boxes @ (\$2800)	11,200.00
(4) Each 6" Fire Services w/Gate Valves @ (\$7597)	30,388.00
100 Sq Ft Asphalt Removal (Included)	
3.5 Ton Temporary Cold Asphalt Repair (Included)	
25 Ton CI II Base (Included)	
50 Ton Crusher Fines (Included)	
Equipment (Included)	
Labor (Included)	
Traffic Control (Included)	
Shoring (Included)	
Sales Tax (Included)	

Negative changes will lower the overall contract price requiring no additional payment by owner.

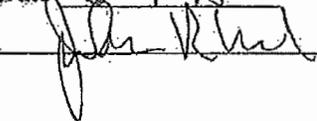
Requested Amount of Change

59,588.00

The original Contract Sum was	1,340,302.75
Net change by previous Change Orders	-128,356.42
The Contract Sum prior to this Change Order	1,211,946.33
The Contract Sum will be changed by this Change Order	59,588.00
The new Contract Sum including this Change Order will be	1,271,534.33
The Contract Time will be changed by	0 Days

Approved Date 5-7-18

Approved Date _____

Contractor 

Owner _____



TERRY ROBERTSON, INC., dba
 OFFICE (760) 344-4653 • FAX (760) 344-4146
 1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

CHANGE ORDER

TO City of Calexico 608 Heber Ave. Calexico CA 92231	PROJECT 201804 5th St. & Grant Ave Water Mains 608 Heber Ave. Calexico CA 92231	ORDER 6 ORDER DATE 05/01/2018 ORDERED BY SUBMITTED TO
Contract#		

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract

PLANS ATTACHED
 SPECIFICATIONS ATTACHED

Description of Work	Amount
We propose to provide Labor, Equipment, and Materials to connect and extend (2) each Dead end water lines on Cesar Chavez to the existing 12" main in Grant Street.	
(1) 850 LF 8" C-900 Dr-18 @ \$67	56,950.00
(2) 2 Each 2" Water services w/meter boxes @ \$2800	5,600.00
(3) 4 Each 8" Gate Valves @ \$3875	15,500.00
(4) Construction Staking (Included)	
(5) Remove & Dispose of existing AC Pav (Included)	
(6) 3 Each connection to existing Water Lines @ \$5,000	15,000.00
(7) 25 Ton Cold Mix (Included)	
(8) Traffic Control (Included)	
(9) CL II Base (Included)	

Negative changes will lower the overall contract price requiring no additional payment by owner.

Requested Amount of Change

93,050.00

The original Contract Sum was	1,340,302.75
Net change by previous Change Orders	-128,356.42
The Contract Sum prior to this Change Order	1,211,946.33
The Contract Sum will be changed by this Change Order	93,050.00
The new Contract Sum including this Change Order will be	1,304,996.33
The Contract Time will be changed by	0 Days

Approved Date 5-7-18

Approved Date _____

Contractor [Signature]

Owner _____