



NEW MEXICO  
ENVIRONMENT DEPARTMENT



*Construction Programs Bureau*

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**JAMES C. KENNEY**  
Cabinet Secretary Designate

**JENNIFER J. PRUETT**  
Deputy Secretary

February 14, 2019

Angela Quintana  
New Mexico Finance Authority  
207 Shelby Street  
Santa Fe, New Mexico 87501

RE: Review of Change Order No. 6 for Navajo Gallup Water Supply Project, Reach 27.7A and 27.13, City of Gallup (WTB-334, USBOR COA No. R11AC40002)


Ms. Quintana

I have completed review of Change Order No. 6 for the subject project. The NMED Construction Programs Bureau recommends approval of Change Order No. 6.

Please be aware that approval of this change order does not relieve the owner or engineer of legal responsibilities for the adequacy of the change in the design detailed in the change order and its effect on the overall integrity of the project. In addition, payment for any increase in cost to the project over and above the grant/loan amount stated in the agreement is the responsibility of the owner (City of Gallup).

Should you have any questions or comments, I can be reached at 505-222-9567 or by e-mail at [david.bishop@state.nm.us](mailto:david.bishop@state.nm.us).

Sincerely,

  
David E. Bishop, P.E.  
Project Engineer

cc: Gallup Joint Utilities, 110 West Aztec Ave., Gallup NM 87301  
Marc DePauli, P.E. (DePauli Engineering, 307 South 4<sup>th</sup> Street, Gallup, NM 87301)  
File  
Att: Change Order No. 6

**Change Order No. 6**

**Project:** Navajo Gallup Water Supply Project, Reaches 27.7A and 27.13, City of Gallup  
 Funded by the Water Trust Board Through the New Mexico Finance Authority, WTB #334  
 U.S. Bureau of Reclamation Cooperative Agreement No. R11AC40002

**Formal Bid No.:** 1710

**Owner:** City of Gallup New Mexico

**Contractor:** Smithco Construction, Inc.

**Date:** February 5, 2019

This Change Order is to incorporate the following Scope of Work into the contract documents. All additional work shall be subject to the same inspection and testing as though it were included within the original contract documents. No changes shall be made or implied to the original contract documents as a result of this change order. All original contract terms and conditions shall remain in place. The Contract amount is hereby increased by \$ 23,258.14 (including tax) for a revised Contract amount of \$6,599,762.99.

**Scope of Work for Additional Item(s)**

C.O. 6.1 This work is for the additional labor, materials and equipment required to install two (2) additional gate valves a 10 inch and a 6 inch and removing (2) existing 6 inch gate valves at Cresto II Booster Station site. This work was imperative to the City water system, giving an option to isolate the Cresto II Booster Station without isolating the Cresto Tank which feeds the entire hospital and medical clinic area in Gallup.

**Change Order No. 6**

| Item     | Description   | Estimated Quantity | Unit Price  | Amount      |
|----------|---|--------------------|-------------|-------------|
| C.O. 6.1 | This item of work is to install two (2) additional gate valves a 10 inch and a 6 inch and removing (2) existing 6 inch gate valves at Cresto II Booster Station site. | LS                 | \$21,473.18 | \$21,473.18 |

|                                     |                    |
|-------------------------------------|--------------------|
| Subtotal:                           | \$21,473.18        |
| NMGRT @ 8.3125%:                    | \$1,784.96         |
| <b>Total of Change Order No. 6:</b> | <b>\$23,258.14</b> |

**Time:**

The Contract time shall be increased by 2 calendar days as a result of this change order. This establishes a revised completion date of March 10, 2019

This Change Order No. 6 - Approved By:

Owner:

City of Gallup

By: 

Date: 2-13-19

Contractor:


Smithco Construction, Inc.

By: 

Date: 2/13/19

Engineer:

DePauli Engineering & Surveying LLC

By: 

Date: 2/13/19

New Mexico Environment Department - CPB

By: 

Date: 2/14/19

Original Contract Amount (incl. tax): \$6,459,277.05

Change Order No. 1 (incl. tax): \$25,391.66

Change Order No. 2 (incl. tax): \$18,572.88

Change Order No. 3 (incl. tax): \$18,841.14

Change Order No. 4 (incl. tax): \$11,486.70

Change Order No. 5 (incl. tax): \$42,935.42

Change Order No. 6 (incl. tax): \$23,258.14

Revised Contract Amount (incl. tax): \$6,599,762.99

**COR #13 - Valve Replacement at Cresto - Revision 1**



**6 King Canyon Loop  
Caballo, NM 87931**

Project:

**Navajo Gallup Water Supply Project  
Reaches 27.7A & 27.13**

Submitted:

Monday, January 21, 2019

| Location | Sheet | Date of Occurance | RFI |
|----------|-------|-------------------|-----|
|          |       |                   |     |

**Inquiry:** This is to replace valves at Cresto Tank per Depaul Engineering's request.

|    |                   |    |           |
|----|-------------------|----|-----------|
| 1  | Direct Labor      | \$ | 6,850.50  |
| 2  | Indirect Cost     | \$ | 3,139.58  |
| 3  | Travel            | \$ | 1,583.33  |
| 4  | Equipment         | \$ | 3,539.10  |
| 5  | Materials         | \$ | 3,212.10  |
| 6  | Subcontracts      | \$ | -         |
| 7  | Other (Bond)      | \$ | 347.71    |
| 8  | S-Total           | \$ | 18,672.33 |
| 9  | Profit & Overhead | \$ | 2,800.85  |
| 10 | Total Cost        | \$ | 21,473.18 |

**COMMENTS:**

This change will require 2 \* Additional Calendar Days

**Change Order Request Summary**

| Item         | Labor              | Burden             | Travel             | Equip              | Materials          | Sub         | Bond             | Markup             | Total               |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------|------------------|--------------------|---------------------|
| Sheet 1      | \$ 6,850.50        | \$ 3,139.58        | \$ 1,583.33        | \$ 3,539.10        | \$ 3,212.10        | \$ -        | \$ 347.71        | \$ 2,800.85        | \$ 21,473.18        |
| Sheet 2      |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 3      |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 4      |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 5      |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 6      |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 7      |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 8      |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 9      |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 10     |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 11     |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 12     |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 13     |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 14     |                    |                    |                    |                    |                    |             |                  |                    |                     |
| Sheet 15     |                    |                    |                    |                    |                    |             |                  |                    |                     |
| <b>Total</b> | <b>\$ 6,850.50</b> | <b>\$ 3,139.58</b> | <b>\$ 1,583.33</b> | <b>\$ 3,539.10</b> | <b>\$ 3,212.10</b> | <b>\$ -</b> | <b>\$ 347.71</b> | <b>\$ 2,800.85</b> | <b>\$ 21,473.18</b> |

| <b>DESCRIPTION</b>                               |                  |                    |                     |
|--|------------------|--------------------|---------------------|
| <b>DESCRIPTION</b>                               | <b>Rate</b>      | <b>HOURS</b>       | <b>TOTAL</b>        |
| Project Manager                                  | \$46.80          | 5                  | \$ 234.00           |
| Superintendent                                   | \$46.80          | 20                 | \$ 936.00           |
| Foreman  | \$40.95          | 40                 | \$ 1,638.00         |
| Operator   | \$36.75          | 30                 | \$ 1,102.50         |
| Laborer  | \$29.40          | 100                | \$ 2,940.00         |
| Pipelayer  | \$41.10          |                    | \$ -                |
| Truck Driver                                     | \$32.34          |                    | \$ -                |
| <b>Subtotal</b>                                  |                  |                    | <b>\$ 6,850.50</b>  |
| <b>Labor Burden @ 45.83%</b>                     |                  |                    | <b>\$ 3,139.58</b>  |
| <b>Labor Total</b>                               |                  | <b>190</b>         | <b>\$ 9,990.08</b>  |
| <b>Travel/Perdiem.</b>                           | <b>\$ 100.00</b> | <b>15.83333333</b> | <b>\$ 1,583.33</b>  |
| 420 Cat Hoe                                      | \$40.93          | 30                 | \$ 1,227.90         |
| Cat 345 Excavator                                | \$194.74         |                    | \$ -                |
| Tool Truck & Trailer                             | \$40.14          | 20                 | \$ 802.80           |
| Cat D6K Dozer                                    | \$77.51          |                    | \$ -                |
| 320 Cat Excavator                                | \$89.11          |                    | \$ -                |
| Supt/Fore Truck                                  | \$25.14          | 60                 | \$ 1,508.40         |
| Crew Truck                                       | \$25.14          |                    | \$ -                |
| Blade  | \$85.32          |                    | \$ -                |
| Bonding Tools                                    | \$75.00          |                    | \$ -                |
| Forklift   | \$40.93          |                    | \$ -                |
| 950H Wheel Loader                                | \$69.96          |                    | \$ -                |
| <b>Equipment Total</b>                           |                  |                    | <b>\$ 3,539.10</b>  |
| <b>Materials Total:</b>                          |                  |                    | <b>\$ 3,212.10</b>  |
| Core & Main                                      | \$ 3,212.10      | 1                  | \$ 3,212.10         |
| <b>Sub Contract:</b>                             |                  |                    | <b>\$ -</b>         |
| <b>Subtotal Labor, Equipment &amp; Materials</b> |                  |                    | <b>\$ 18,324.62</b> |
| <b>Bond</b>                                      |                  |                    | <b>\$ 347.71</b>    |
| <b>Subtotal</b>                                  |                  |                    | <b>\$ 18,672.33</b> |
| <b>Profit &amp; Overhead @ 15%</b>               |                  |                    | <b>\$ 2,800.85</b>  |
| <b>TOTAL</b>                                     |                  |                    | <b>\$ 21,473.18</b> |