



NEW MEXICO
ENVIRONMENT DEPARTMENT



MICHELLE LUJAN
GRISHAM
Governor

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Lt. Governor

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January 14, 2019

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

RE: Review of Change Order No. 5 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. 5 for the subject project. The NMED Construction Programs Bureau recommends approval of Change Order No. 5.

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.

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 4th Street, Gallup, NM 87301)
File
Att: Change Order No. 5

Change Order No. 5

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: December 20, 2018

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 \$ 42,935.42 (including tax) for a revised Contract amount of \$6,576,504.85.

Scope of Work for Additional Item(s)

C.O. 5.1 This work is for the additional labor, materials and equipment required to replace ten (10) expansion joints in Heaton Pump Station and Cresto II Booster Station. The expansion joints installed are not NSF61 (National Science Foundation set of standards for safe equipment that comes in contact with either potable water or products that support the production of potable water.) and will be replaced with expansion joints that are NSF61 approved.

Pump Station	Location	Diameter	Length	Proco Model
Heaton				
	12" North	12"	12"	Proco Series FA231 EE-NSF61 w/two (2) limit/control rods
	10" North	10"	12"	Proco Series FA231 EE-NSF61 w/two (2) limit/control rods
	10" South	10"	12"	Proco Series FA231 EE-NSF61 w/two (2) limit/control rods
	12" South	12"	12"	Proco Series FA231 EE-NSF61 w/two (2) limit/control rods
Cresto				
	6" North	6"	6"	Proco Series FA231 EE-NSF61
	4" North	4"	6"	Proco Series FA231 EE-NSF62
	6" Middle	6"	6"	Proco Series FA231 EE-NSF63
	4" Middle	4"	6"	Proco Series FA231 EE-NSF64
	8" South	8"	6"	Proco Series FA231 EE-NSF65
	6" South	6"	6"	Proco Series FA231 EE-NSF66

C.O. 5.2 This work is for the additional labor, materials and equipment required to re-install the power riser at Cresto II Booster Station. Corbins Electric pre-built the riser for a twenty-five (25) foot pole per the City of Gallup electrical standards as well as per DePauli Engineering design plans. The City of Gallup installed a forty (40) foot pole requiring Corbins Electric to re-install the power riser cable to reach the forty (40) foot pole.

Change Order No. 5

Item	Description	Estimated Quantity	Unit Price	Amount
C.O. 5.1	This item is to replace ten (10) expansion joints in Heaton Pump Station and Cresto II Booster Station.	LS	\$38,157.59	\$38,157.59
C.O. 5.2	This item of work is to re-install the power risser at Cresto II Booster Station.	LS	\$1,482.73	\$1,482.73

Subtotal: \$39,640.32
 NMGRT @ 8.3125%: \$3,295.10
Total of Change Order No.5: \$42,935.42

Time:

The Contract time shall be increased by 92 calendar days as a result of this change order. This establishes a revised completion date of March 8, 2019

This Change Order No. 5 - Approved By:

Owner:

City of Gallup

By: 

Date: 1-8-19

Contractor:

Smithco Construction, Inc.

By: 

Date: 12/20/18

Engineer:

DePauli Engineering & Surveying LLC

By: 

Date: 12/21/18

New Mexico Environment Department - CPB

By: 

Date: 1/14/19

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
Revised Contract Amount (incl. tax):	\$6,576,504.85

COR #12- Additional Materials for Power Pole Riser at Cresto Pump Station



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

Project:

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

Submitted:

Thursday, December 20, 2018

Location	Sheet	Date of Occurance	RFI
27.7A Cresto Pump			

Inquiry: This is a request for additional monies to be reimbursed to Corbins Electric for the additional materials required at the Cresto Pump Station Power Pole and riser. See attached scope.

1	Direct Labor	\$	-
2	Indirect Cost	\$	-
3	Travel	\$	-
4	Equipment	\$	-
5	Materials	\$	-
6	Subcontracts	\$	1,388.07
7	Other (Bond)	\$	24.05
8	S-Total	\$	1,412.12
9	Profit & Overhead	\$	70.61
10	Total Cost	\$	1,482.73

COMMENTS:

This change will require Additional Calendar Days

DESCRIPTION- Additional Concrete @ Keyway			
DESCRIPTION	Rate	HOURS	TOTAL
Superintendent	\$64.60		\$ -
Foreman	\$58.80		\$ -
Operator	\$38.22		\$ -
Laborer	\$36.75		\$ -
Pipelaye	\$63.21		\$ -
Truck Driver	\$35.28		\$ -
Subtotal			\$ -
Labor Burden @ 45.83%			\$ -
Labor Total		0	\$ -
Travel/Perdiem.	\$ 100.00	0	\$ -
420 Cat Hoe	\$40.93		\$ -
Cat 345 Excavator	\$194.74		\$ -
Tool Truck & Trailer	\$40.14		\$ -
Cat D6K Dozer	\$77.51		\$ -
320 Cat Excavator	\$89.11		\$ -
Supt/Fore Truck	\$25.14		\$ -
Crew Truck	\$25.14		\$ -
Blade	\$85.32		\$ -
Bonding Tools	\$75.00		\$ -
Forklift	\$40.93		\$ -
950H Wheel Loader	\$69.96		\$ -
Equipment Total			\$ -
Materials Total:			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Sub Contract:			\$ 1,388.07
Subtotal Labor, Equipment & Materials			\$ 1,388.07
Bond			\$ 24.05
Subtotal			\$ 1,412.12
Profit & Overhead @ 5%			\$ 70.61
TOTAL			\$ 1,482.73

Change Order Request

Corbins Electric
8904 Washington St NE
Albuquerque, New Mexico 87113
Telephone: 505.994.1623



CorbinsElectric
Doing It Right The First Time

CCN # 002
Cresto Secondary Riser Re
Date: 12/19/2018
Project Name: Navajo Gallup Water Supply
Project Number: 170053
Page Number: 1

SmithCo.
Contact: JW Lindsay
E-mail: jw@smithco.cc

Work Description

Corbins pre-built the riser along with purchase of the wire for the secondary pole at Cresto based on the City of Gallup's Electrical Utility Standards. Based on this information, the riser pole should not have been taller than 30'. Marita (City of Gallup) also told our Foreman, Rob Goodlander, that they would be providing 25 pole. They in fact installed a 40' pole which caused us to have to reinstall our riser. Sheet 13.5-1, KN21 also indicates reference to City of Gallup standards.

Contract Documents:

Scope of Work: Cresto - Secondary Pole Riser Installation

Inclusions:

1. Please note that (2) additional days will be required to complete this added scope.
2. Corbins pre-built the riser along with purchase of the wire based on the City of Gallup's Electrical Utility Standards. Based on this information, the riser pole should not have been taller than 30'. Marita (City of Gallup) also told our Foreman, Rob Goodlander, that they would be providing 25 pole. They in fact installed a 40' pole which caused us to have to reinstall our riser. Sheet 13.5-1, KN21 also indicates reference to City of Gallup standards.

Project Specific Exclusions:

1. All terms, conditions and exclusions based on our original proposal.

Standard Exclusions:

1. Sales and use taxes, overtime, engineering, surveying, CADD file license fees, blueprint and reprographic costs, permits and plan check fees, cost of bid, payment and performance bonds, any and all allowances unless specifically noted herein, utility company costs, SWPPP, fees or consumption fees, electrical code upgrades and/or repairs to existing systems, warranty or freight claims for owner provided equipment.
2. Temporary power.
3. EEW (Energized Electrical Work).
4. Demolition, except as needed to make safe.
5. Repair of roofing for any roof penetrations, Ceiling fixture support wires.
6. Fire alarm devices, exit lights and emergency battery packs added by Fire Marshal, Electrical Inspector or plan review.
7. Fire rated enclosures for fixtures and devices, Patching, painting and rust-proofing other than factory finish, Access panels.
8. All formed concrete for equipment pads, transformer pads, duct banks, pole bases, and/or pole base auguring, Concrete, asphalt and drywall demo, disposal, removal and patch/repair.
9. Sound, CCTV, cable TV, satellite, security, HVAC, tele/data, wiring, devices and terminations.
10. All miscellaneous and mechanical control wiring that is not specifically shown on the electrical drawings.
11. Dumpster and disposal fees (to be provided and paid for by General Contractor)
12. Additional costs for hazardous work conditions such as asbestos abatement, confined space etc.
 - a) Rock excavation (rock is defined as material that cannot reasonably be excavated with the use of a Case 580 or equivalent backhoe without special attachments).
 - b) Any unknown or unmarked underground utilities, structures, or debris, whether natural or manmade; any downtime, delays or losses resulting from conflicting schedules, material, equipment or contractors/suppliers.

Additional clarifications:

ORIGINAL

**Change Order Request
Corbins Electric**



CCN # 002
Cresto Secondary Riser Re
Date: 12/19/2018
Project Name: Navajo Gallup Water Supply
Project Number: 170053
Page Number: 2

1. To the extent that Subcontractor's timely performance of work is unreasonably impacted whether by acceleration, delay or otherwise, however caused, by Contractor, Owner, or any other party for whose acts Subcontractor is not legally liable, Subcontractor shall be entitled to an equitable adjustment to its contract which may include additional compensation and/or an extension of time, including any increased costs of labor, overtime, and/or materials.
2. Spoils generated by subcontractor's work to be spread on site. Offsite removal of spoils is not included.
3. Construction water will be supplied onsite by general contractor at no charge.
4. This proposal is based on a standard Monday through Friday, (8) hours per day, (40) hour workweek.

Itemized Breakdown

Description	Qty	Net Price	U	Total Mat.	Labor	U	Total Hrs.
#3/0 THHN BLACK	90	6,160.27	M	554.42	26.00	M	2.34
Hours to Modify Riser & Conductors	1	0.00	E	0.00	10.00	E	10.00
Totals	91			554.42			12.34

Summary

General Materials		554.42
Material Tax (@ 7.000 %)		38.81
Total Material		593.23
JOURNEYMAN (5.00 Hrs @ \$52.65)		263.25
APPRENTICE (5.00 Hrs @ \$44.25)		221.25
CLEAN UP @ 4.0% (0.25 Hrs @ \$52.00)		13.00
MATERIAL HANDLING (0.25 Hrs @ \$44.25)		11.06
PUNCHLIST & COMMISSIONING (0.25 Hrs @ \$55.45)		13.86
CONSUMABLES (0.37 Hrs @ \$44.25)		16.37
PICKUP TRUCK (per Day) (1.00 @ 1.00 @ \$75.00 + 0.000 % + 0.000 % + 0.000 %)		75.00
Subtotal		1,207.02
Markup (@ 15.000 %)		181.05
Subtotal		1,388.07
Final Amount		\$1,388.07

CLIENT ACCEPTANCE

CCN #	002
Final Amount:	\$1,388.07
Name:	_____
Date:	_____
Signature:	_____
Change Order #:	_____
<small>I hereby accept this quotation and authorize the contractor to complete the above described work</small>	

ORIGINAL

COR #11 - Exchange of Expansion Joints in Cresto and Heaton Pump Stations



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

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

Submitted Tuesday, November 27, 2018

Location	Sheet	Date of Occurance	RFI
27.7A & 27.13			

Inquiry: This is a request to exchange the approved Proco Expansion Joints to NSF61 quality Expansion Joints in the Cresto and Heaton Pump Station Buildings. (RFP 4) Time Requested is to include the 10 week lead time on material plus 3 weeks for submittals, and 1 week to install.

1	Direct Labor	\$	3,027.00
2	Indirect Cost	\$	1,387.27
3	Travel	\$	541.67
4	Equipment	\$	1,382.70
5	Materials	\$	26,223.99
6	Subcontracts	\$	-
7	Other (Bond)	\$	617.88
8	S-Total	\$	33,180.51
9	Profit & Overhead	\$	4,977.08
10	Total Cost	\$	38,157.59

COMMENTS:

This change will require **90** * Additional Calendar Days

*A normal working day (ie. 10 working hours) is equal to 1.75 calendar days. Please multiply the additional required working days by 1.75 to calculate the required additional calendar days.

ACCEPTED

COR #12 - Additional Materials for Power Pole Riser at Cresto Pump Station



6 King Canyon Loop
Caballo, NM 87931

Project:

Navajo Gallup Water Supply Project
Reaches 27.7A & 27.13

Submitted

Thursday, December 13, 2018

Location	Sheet	Date of Occurance	RFI
27.7A & 27.13			

Inquiry: This is a request to additional monies be reimbursed to Corbins Electric for the additional materials required at the Cresto Pump Station Power Pole and riser. See attached scope.

1	Direct Labor	\$	-
2	Indirect Cost	\$	-
3	Travel	\$	-
4	Equipment	\$	-
5	Materials	\$	-
6	Subcontracts	\$	1,460.49
7	Other (Bond)	\$	25.30
8	S-Total	\$	1,485.79
9	Profit & Overhead	\$	74.29
10	Total Cost	\$	1,560.08

COMMENTS:

This change will require * Additional Calendar Days

*A normal working day (ie. 10 working hours) is equal to 1.75 calendar days. Please multiply the additional required working days by 1.75 to calculate the required additional calendar days.

Change Order Request Summary

Item	Labor	Burden	Travel	Equip	Materials	Sub	Bond	Markup	Total
Sheet 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,460.49	\$ 25.30	\$ 74.29	\$ 1,560.08
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									
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,460.49	\$ 25.30	\$ 74.29	\$ 1,560.08

DESCRIPTION			
DESCRIPTION	Rate	HOURS	TOTAL
Superintendent	\$64.60		\$ -
Foreman	\$58.80		\$ -
Operator	\$38.22		\$ -
Laborer	\$36.75		\$ -
Pipelaye	\$63.21		\$ -
Truck Driver	\$35.28		\$ -
Subtotal			\$ -
Labor Burden @ 45.83%			\$ -
Labor Total		0	\$ -
Travel/Perdiem.	\$ 100.00	0	\$ -
420 Cat Hoe	\$40.93		\$ -
Cat 349 Excavator	\$194.74		\$ -
Tool Truck & Trailer	\$40.14		\$ -
Cat D6K Dozer	\$77.51		\$ -
320 Cat Excavator	\$89.11		\$ -
Supt/Fore Truck	\$25.14		\$ -
Crew Truck	\$25.14		\$ -
Blade	\$85.32		\$ -
Bonding Tools	\$75.00		\$ -
Forklift	\$40.93		\$ -
966 Wheel Loader	\$69.96		\$ -
Equipment Total			\$ -
Materials Total:			\$ -
	LS		
Sub Contract:			\$ 1,460.49
Subtotal Labor, Equipment & Materials			\$ 1,460.49
Bond			\$ 25.30
Subtotal			\$ 1,485.79
Profit & Overhead @ 5%			\$ 74.29
TOTAL			\$ 1,560.08

THE HOME DEPOT NO 3502

ALBUQUERQUE

NMR000001065

Universes for New Mexico View Universes for NM

Handler Universes

Active Status	Controls in Place	In a Universe	Gen. Status	Transporter	Univ. Waste	Recycler	Used Oil	Furnace Exempt	Importer	Onsite Burner Exempt	Mixed Waste Gen.	Underground Injection	HSM	Subpart K
H----	N	Y	SQG	N	N	N	NNNNNNN	N	N	N	N	N	NN	---

Permitting and Corrective Action Universes

Permit Workload	Closure Workload	Post-Closure Workload	Permit Progress	CA Workload	Subject to CA	Subject to CA - TSD	Subject to CA - Discretion	Subject to CA - Non-TSD
-----	-----	-----	-----	N	N	N	N	N

Compliance, Monitoring and Enforcement and GPRA Universes

Full Enforcement	Operating TSDf	SNC	Out of State SNC	BOYSNC	Permit GPRA	Renewals GPRA	CA GPRA
-----	-----	N	N	N	N	N	N

Source Summary Table

** Indicates this source record was used for the Universe Calculations.

Act. Loc.	▲ Source ▼	Sequence	▲ Receipt date ▼	▲ Certification date ▼	Federal Generator Status <small>Hint</small>	Non-notifier
NM	** N	3	01/24/2006	01/16/2006	SQG	
NM	N	2	06/30/2005	06/30/2005	CESQG	
NM	N	1	05/22/1996		CESQG	

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