

Contract Change Order # 3

Project Name: City Wide SCADA System Project Number: 155425
 Project Location: City Wide - Various Locations Date of Application: Wednesday, April 10, 2019
 Contractor: Prime Controls Submitted By: Ricky Ellis

Summary of Change in Scope of Work

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

Change of Work Items Included in this Change Order:

- 1) Due to field conditions conflicting with design drawings, the PLC controls rack installed at Pump Station #3 (Greenbriar) is required to be relocated. The attached breakdown supplied by Prime Controls relates to the remove and relocation costs required to adjust the location of the PLC control rack within the pump station. The below costs are a complete in place cost to perform the work.
- 2) During construction it was noted that drawing #42 concerning the WAS Pump Station 9-P-1 & 9-P-2 for Sludge Thickener #1 & #2, calls 1-1PR #16TSP, where as the devices actually requires an 8C/#14 to each of the Sludge Thickeners. The contractor is to install as required by manufacturer recommendations. The below costs are a complete in place price to install the additional cable, and added labor for conditions resulting from pulling a larger cable.
 Also during construction, it was noted that an additional Cradlepoint BD1-4250-00N Essentials modem and associated network device mounting kit was required and was not noted in the plans. The below costs are for the contractor to provide the required materials to COBA IT department for further installation.
- 3) During construction of the underground wiring component of the LLWWTP SCADA portion, it was found that the existing conduit noted on sheet #38, drawing #400 had collapsed prior to construction and cannot receive the required cabling. The contractor is to trench and install a new 2" PVC in concrete duct bank per the contract drawing details. The below costs summarize a complete in place product for the above noted work.

Change in Contractual Project Time:

Due to the changes in CO3-1, CO3-2, CO3-3 created impacts to critical path items results in an additional 20 calendar days added to the contract.

Plan Sheets or Additional Documents Attached: Yes No Other: Prime Controls Cost Proposals & RFI's

Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO3-1	NA	Radio Rack	LS	\$ 1,520.73	1	\$ 1,520.73
CO3-2	NA	LLWWTP Cabling & Cradlepoint Modem	LS	\$ 10,152.96	1	\$ 10,152.96
CO3-3	NA	LLWWTP New 2" PVC in Duct Bank	LS	\$ 13,010.46	1	\$ 13,010.46
Total Change Cost:						\$ 24,684.15

**Public Contract
Application for
Contractual Changes**

Summary of Project Costs

Total Previous Change Orders:	\$ 33,600.53	Original Contract Amount:	\$ 1,559,028.00
Current Change Order:	\$ 24,684.15	Amended Contract Amount:	\$ 1,617,312.68
Total Cost of Change Orders:	\$ 58,284.68	Percent Change in Contract:	3.74%
Total Cost Applicable to CBA:	\$ 58,284.68	Percent Change Applicable to CBA:	3.74%

Change Order Authorization

Change Order # <u>3</u> in the sum of:	\$ 24,684.15	has been reviewed by all parties and is recommended for approval by:	
Contractor Submitting Change Order:	Name	Signature	Date
Construction Division Manager:	Timothy S Robins, PE	Signature	Date
Director of Engineering & Construction:	Alex Mills, PE	Signature	Date
Assistant City Manager - Operations:	Kenneth D Schwab, PE	Signature	Date
City Manager:	Michael Spurgeon	Signature	Date

This Change is Executed Through:

- This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances.
or
- This change to the contract documents was approved at the City Council/BAMA meeting held on : Tuesday, April 16, 2019



1725 Lakepointe Drive, Lewisville TX 75057
(972) 221-4849 Phone
(972) 420-4842 Fax

Change Order Request

Date: October 10, 2018

To: City of Broken Arrow
Attn: Tim Robins
Project Name: City of Broken Arrow SCADA Replacement
Contract No.: 155425
Subject: Pump Station 3 (Greenbriar) PLC
Change Order Request No.: 1851009-5

Source: LS23 ISSC III Rack Relocation

Tim,

Prime Controls is pleased to offer our cost proposal for cutting & removal of asphalt per the response of RFI # 5.

Scope of Work

- 1. Remove previously insalled rack and move to new location as requested by BAMA.

Sub-Total Cost Breakdown

Labor	\$	176.36
Markup (15%)	\$	26.46
Subcontractor	\$	1,317.90
Total		\$1,520.73

Clarifications

- 1. Prior to commencement of work, Prime Controls requests an executed copy of this change order request. We expect this change will be accepted in a timely manner. Prime Controls is not liable for schedule delays associated with this change in the scope of work.
- 2. Our Proposal is valid for 15 days from the date of this letter. Pricing is subject to change based on approval date.

Schedule

Number of additional calendar days requested for this change proposal from the date of notice to proceed. 5

Proposal Approval

Approved By: _____ Date: _____

Should you have any questions regarding this change order request please feel free to contact us.

Sincerely,
Prime Controls, LP

Project Manager

September 25th, 2018
17-301 R1
Changer Order 1

Prime Controls
Ricky Ellis
972-221-4849
1725 Lakepointe Drive
Lewisville, TX. 75057



Re: City of Broken Arrow

Apple Electrical is pleased to provide your firm with a change order proposal for the above-mentioned project. The following is a description of our scope of work for this project.

Move rack locations for LS23

- Dig down below ground service approximately 5 – 7” and remove top surface of concrete.
- Cut 2” conduit below ground level.
- Top off with concrete to cover sharp edges of conduit exposed and cover with surface dirt to cover.
- Move rack location 3’ away buy digging new post holes and utilizing new 2” conduit. All other existing material will be used.
- Fabricate new rack and set with concrete.

The cost of this work is.....\$ 1,146.00

Additional mobes are at \$800.00 each if crews have to come back to complete this work at a later date.

Exclusions: Hazardous material testing or removal, utility disconnect or relocation, cut/cap, temp barricades or traffic control, location and protection of public and private utility lines, soil backfill, erosion control or silt fence, asphalt repair or replacement, hydro vac, and all items not specifically listed above.

The terms and conditions outlined in this proposal are valid for 30 days. An authorized signature below constitutes acceptance of this offer by company. Company shall be responsible for any additional costs caused by changes.

Sincerely,

Signature: _____

Eddy Shelton
President

Print: _____

Title: _____

Regulated by The Texas Department of Licensing and Regulation, P. O. Box 12157, Austin, Texas 78711, 1-800-803-9202, 512-463-6599; website: www.license.state.tx.us/complaints



1725 Lakepointe Drive, Lewisville TX 75057
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(972) 420-4842 Fax

Change Order Request

Date: February 28, 2019

To: City of Broken Arrow
Attn: Tim Robins
Project Name: City of Broken Arrow SCADA Replacement
Contract No.: 155425
Subject: Additional Work
Change Order Request No.: 1851009-06

Source: Apple Electric / BAMA

Tim,

Prime Controls is pleased to offer our cost proposal for the scope of work as described below concerning WAS Pumps cabling and the additional parts required to properly configure the Cradlepoint radios onto the BAMA SCADA network.

Scope of Work

- 1. Drawing # 42 concerning WAS Pump Station 9-P-1 & 9-P-2 for Sludge Thickener # 1 & # 2, Calls for 1-1PR #16TSP. Te devices require an 8C/#14 to each. The additional cost is for the new cable and added labor for pulling the larger cable.
- 2. Cradlepoint BD1-4250-00N Essentials & Cradlepoint 170764-000 network device mounting kit.

Sub-Total Cost Breakdown

Materials	\$ 1,722.35
Labor	\$ 176.36
Subcontractor	\$ 9,654.25
Subcontractor Material Credit	\$ (1,400.00)
Total	\$10,152.96

Clarifications

- 1. Prior to commencement of work, Prime Controls requests an executed copy of this change order request. We expect this change will be accepted in a timely manner. Prime Controls is not liable for schedule delays associated with this change in the scope of work.
- 2. Our Proposal is valid for 15 days from the date of this letter. Pricing is subject to change based on approval date.

Schedule

Number of additional calendar days requested for this change proposal from the date of notice to proceed. 20

Proposal Approval

Approved By: _____ Date: _____

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Sincerely,
Prime Controls, LP

Project Manager



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Change Order Request

Date: February 28, 2019

To: City of Broken Arrow
Attn: Tim Robins
Project Name: City of Broken Arrow SCADA Replacement
Contract No.: 155425
Subject: Conduit trench & install
Change Order Request No.: 1851009-07R1

Source: Apple Electric / BAMA

Tim,

Prime Controls is pleased to offer our cost proposal for the scope of work as described below concerning the trenching & installing new 2" PVC in duct bank w/rebar/red dye.

Scope of Work

1. Drawing # 400, sheet #38 of #70, SOW-Pull new cable into existing conduit run from EMH-9 to Equalization Basin Pump & VFD in vault. After several attempts to get a line through the existing conduit, including air pressure & snaking the pipe. Prime Controls beleives that this conduit has collapsed/crushed. This conduit is identified as the existing conduit from EMH-9 to Equalization Basin Pump in vault.
2. Trench & install new new 2" PVC in duct bank and install new cable.

Sub-Total Cost Breakdown

Labor	\$ 705.46
Subcontractor	\$ 12,305.00
Total	\$13,010.46

Clarifications

1. Prior to commencement of work, Prime Controls requests an executed copy of this change order request. We expect this change will be accepted in a timely manner. Prime Controls is not liable for schedule delays associated with this change in the scope of work.
2. Our Proposal is valid for 15 days from the date of this letter. Pricing is subject to change based on approval date.
3. Furnishing & installing: temp barricades for traffic control, erosion control or silt fencing, any asphalt repair after completion of trenching.

Schedule

Number of additional calendar days requested for this change proposal from the date of notice to proceed.

30

Proposal Approval

Approved By: _____

Date: _____



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Sincerely,
Prime Controls, LP

Project Manager