


Change Order

Number: ONE (1)

Date of Issuance: 09-25-2020		Effective Date: 10/14/2020
Project: Supervisory Control and Data Acquisition (SCADA) System Upgrade for Water Utilities	Owner: Webb County, Texas	Owner's Contract Number: RFQ 2019-004 PO 2019-00006638
Contract: RFQ 2019-004 SCADA System for Water Utilities		Date of Contract: August 20, 2019
Contractor: TraC-n-trol, Inc.		Engineer's Project Number: N/A
The Contract Documents are modified as follows upon execution of this Change Order: One (1)		
Description: Development of TCEQ Compliant Operations and Maintenance Manuals and SCADA Water Treatment Plant Operational Compliance Analysis and Reporting		
Attachments: (List documents supporting change): *Scope of Work and Deliverables – Digital O&M Manuals; assist WCW to capture and automate institutional memory into FLOWatch. (FW); operational analysis		
Change in Contract Price:		Change in Contract Times
Original Contract Price: \$ 1,299,300.00		Original contract times: [working] [calendar] days Substantial completion (days or date): 08-21-2020 Ready for final payment (days or date): 360
[Increase][Decrease] from previously approved change orders : No. 0 of 0 \$ 0.00		[Increase][Decrease] from previously approved change orders No. 0 of 0 Substantial completion (days): 330 Ready for final payment (days or date): 360
Contract price prior to this change order: \$ 1,299,300.00		Contract price prior to this change order Substantial completion (days or date): 330 Ready for final payment (days or date): 360
[Increase][Decrease] of this change order: \$50,000.00		[Increase][Decrease] of this change order Substantial completion (days or date): 90 Ready for final payment (days or date): 120
Contract price incorporating this change order: \$1,349,300.00		Contract times with all approved change orders: Substantial completion (days or date): 1-14-2021 Ready for final payment (days or date): 2-14-2021

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: N/A	By:	By: 
Engineer (authorized signature)	Owner (authorized signature)	Contractor (authorized signature)
Date: N/A	Date:	Date: 10-1-2020
Approved by funding agency (if applicable): N/A		Date: N/A

CHANGE ORDER DESCRIPTION

Overview

The following project is divided into two phases. Phase 1 is the core project to be completed under this change order. Phase 2 shall be added to the scope of work under Phase 1 upon review, feasibility, and approval of the County's Water Operations Management.

The project is to be completed on a time and materials basis, not to exceed \$50,000.00*.

Phase 1 will be completed for a total not to exceed \$35,000. The rates applied to project are listed as follows:

1. Hourly Consulting Rate: \$220 per hour (portal to portal)
2. Mileage Rate: \$0.70 per mile
3. Lodging and Incidentals: Actual Cost of lodging and materials

Phase 2 will be completed for a total not to exceed \$15,000. The rates applied to project are listed as follows:

1. Hourly Consulting Rate: \$220 per hour (portal to portal)
2. Mileage Rate: \$0.70 per mile
3. Lodging and Incidentals: Actual Cost of lodging and materials

*Unused approved funds under this change order shall be accounted for by a deductive change order in the amount of the unused funds.

Scope of Work

Phase 1

Project- Creation of a TCEQ compliant O&M manual for all aspects of the potable water system.

Core Deliverable: Digital Operation & Maintenance (O&M) Manual inclusive of the following sections:

1. Facility Description
2. Start-up and Operating Procedures
3. Routine Maintenance
4. Records and Reporting
5. Tracking Charts
6. Monitoring Plan (Sampling and Analysis)
7. Staffing and Training
8. Licensed Operators List
9. Guidance on Specific PWS Requirements
 - a. Revised Total Coliform Rule (RTCR)

- b. Lead and Copper Rule (LCR)
- c. TTHM and HAA Management
- d. Disinfectant Level Quarterly Operating Report (DLQOR)
- e. Surface Water Monthly Operating Report (SWMOR)
- f. Chloramination Management
- g. Nitrification Action Plan
- h. Taste & Odor Management
- i. Water Storage Tank Management and Inspections

Duration for items noted above: 90 days from NTP; 120 days to final**

Phase 2

The following project may be added to the scope of work following discussions, evaluation, and approval of Webb County Management Personnel.

Project: Additional objectives are designed to assist WCW to capture and automate institutional memory into FLOWatch. (FW). Examples of this work would be:

- Identify records needed to demonstrate compliance with all regulatory requirements and help managers and operators embed into FW
- Identify limitations established by TCEQ authorizations and establish appropriate trigger monitoring to prevent violations and embed into FW

*Details of Optional tasks and budget will be collaboratively developed with WCW proximate to the completion of the O&M Manual***

***Duration of project is dependent on Webb County's timely responses to requests for information*

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