

TASK ORDER NO. 3

NORMAN UTILITIES AUTHORITY
OWNER

AND

CAROLLO ENGINEERS, INC.

This Task Order is issued by the OWNER and accepted by ENGINEER pursuant to the mutual promises, covenants and conditions contained in the Agreement between the above named parties dated the 22 day of May, 2012, in connection with:

Phase II Water Treatment Plant Improvements

Design, Bidding and Construction

Contract K-1112-124

(Project)

PURPOSE

The purpose of this Task Order is to modify Construction Administration Services and Inspection Services from Task Order No. 2 dated February 10, 2015.

ENGINEER'S SERVICES

MODIFY Task 3XX – Construction Administration Services

Tasks 300 Project Management, Task 310 Progress Meetings and Workshops, Task 335 Review Monthly Progress Payment Requests, Task 340 ODEQ Coordination are extended by 205 days, equivalent to the amount of time added to the construction contract by Changes Orders 1 and 2.

NEW Task 346 – Additional Punchlist Development

To enable WTP staff to utilize certain portions of the work sooner, Engineer will perform additional inspection of the work and make recommendation for partial acceptance of this portion of work. At the time of Task Order 2 development (prior to the final design and construction of the WTP improvements), the detailed construction sequencing and the need for early occupancy was unknown. The contractors schedule necessitates that certain portions of the work be completed before other work can begin.

The additional work by the Engineer will include additional multi-disciplined site visits to certify portions of the work as substantially complete prior to the final completion date of the project. This will allow the Owner to assume early occupancy of these portions of the work. This early occupancy will allow Owner to beneficially use these portions of the work, startup and operate while the contractor is on-site, and facilitate construction progress.

NEW Task 350 – Additional Services

Additional services include preparation of modification to plans and specifications to describe work addressing value added items and changed conditions during construction. Table 1 provides list of these items. Unused funds from previous Tasks 220 Flood Study, 260.5 Bidding Separate Projects, and 240.3B Solids Disposal Improvements were allocated to cover a portion of this work. A lump sum amount was developed for remaining items and is reflected in the Payment section below.

Table 1: Additional Services
PCO1 - Add manholes on 12PD line*
PCO2 - Temporary ammonia feed system changes*
PCO4 - 4" Raw Water Butterfly Valve to air release with Valve Box*
PCO5 - Add isolation valves on raw water supply to SCC 4*
PCO6 - Add fire dampers at ozone building*
PCO7 - UV transformer changes*
PCO8 - Add isolation valves on 6-PW at ozone*
PCO9 - Beam changes at Chemical/Ozone Building*
PCO10 - FE Piping changes*
PCO11 - Changes to chillers/heaters for OSHG*
PCO13 - Changes to Chemical/Ozone building sump/stairs*
PCO15 - DC15 and 18.1PAC relocation and SCADA screen*
PCO16 - Plunger valve size increase*
PCO17 - DC26 rerouting of FE piping*
PCO18 - RFI71 rerouting of existing ductbank near clearwell drain pump station
PCO19 - DC29 ARV relocation in UV Building
PCO20 - DC13.1 UW piping
PCO22 - DC22 - Raw Water Work
PCO23 - DC23 - SCC 1 and SCC 2 inlet pipe replacement
PCO26 - Chemical tinhorn concrete encasement
PCO27 - RFI71 (plus email between Norman and Shelley) Return pump station wiring
PCO29 - Double contained buried sodium hypochlorite piping
PCO31 - RFI91 SCC 1 and SCC 2 Lime Feed Routing (new chemical trench)
PCO32 - PAC skid pad design (no housing)
PCO36 - Panelboard changes
PCO37 - Credit for Drilled Piers

Table 1: Additional services, continued
PCO39 - RFI96 - rerouting ozone vent piping
PCO40 - RFI110 - add isolation valves to CO2 injection at SCC1 and SCC2
PCO41 - Plunger valve actuator
PCO42 - West plant road extentions
PCO44 - Changes to Sampling Plan and Wet Lab
PCO45 - Changes to Administration Building and Bac-T Lab
PCO47 - DC37 UV effluent valve logic changes
PCO49 - Abandoned 42-SW pipe segment
PCO50 - RFI146 - Chemical Building Fan Duct Support
PCO52 - Abandon 24-FW in place
PCO54 - Plant Electrical A/B Redundancy
PCO56 - UV air piping connection to plant air loop
PCO57 - Removal of EI&C work on UV reactor influent and drain valves
PCO59 - HPZ vault opening enlargement
PCO60 - Ozone open loop cooling water route changes
PCO62 - PW system changes at MPZ and HPZ with secondary feed to filter building
PCO63 - HPZ vault changes and over excavation
Investigation of RWT, BWT, and SCC 1/2 pipe condition
Design of RWT, BWT, and pavement replacement
Changes to design based on submitted ozone destruct equipment
Record Drawings (Maintenance and Administration Buildings)
Additional submittal review time
Additional pier installation (Burgess)
Additional structural inspection (White)

MODIFY Task 400 On-site Inspection Services

On-site inspection services are extended by 205 days, equivalent to the amount of time added to the construction contract by Change Orders 1 and 2.

TIME OF PERFORMANCE

Services are to be completed in timely manner with an anticipated end date of December 20, 2019.

PAYMENT

Payment for Construction Administration Services related to the extension of engineers services during additional 205 days of construction will be paid at a unit price amount of \$583.05/day with a not-to-exceed upper limit of \$119,525.00.

Payment for Task 346 Partial Substantial Completion will be paid at a unit price amount of \$18,000 per each partial substantial completion with a not-to-exceed upper limit of \$54,000.

Payment for Task 350 Additional Services will be a lump sum amount of \$24,341.98.

Payment for Task 400 for additional inspections services related to the extension of inspection services during addition 205 days of construction will be paid at an hourly rate of \$75.00 with a not-to-exceed upper limit of \$123,000.00.

The total Task Order 3 amount is \$320,866.98.

EFFECTIVE DATE

This Task Order No. 3 is effective as of the _____ day of _____, 20__.

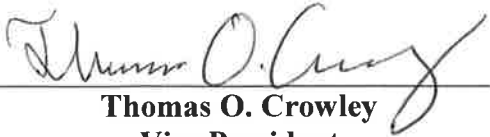
IN WITNESS WHEREOF, duly authorized representatives of the OWNER and of the ENGINEER have executed this Task Order No. 3 evidencing its issuance by OWNER and acceptance by ENGINEER.

CAROLLO ENGINEERS, INC.

OWNER

Accepted this _____ day of _____,
20__

By
:

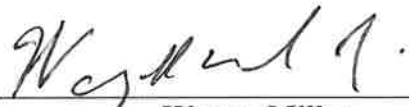

Thomas O. Crowley
Vice President

By: _____

Officer

Attest:

By
:


Wayne Miller
Senior Vice President

Secretary

Norman Utilities Authority - Owner

APPROVED as to form and legality this office on _____, 20__.

City Attorney

APPROVED by the Trustees of the Norman Utilities Authority on _____, 20__.

By: _____

Title: CHAIRMAN

SECRETARY