

CITY OF HIGH POINT

AGENDA ITEM



Title: Westside Wastewater Treatment Plant Improvements – Phase 3
Change Order 7

From: Terry Houk – Public Services Director

Meeting Date: January 19, 2016

Public Hearing: No

Advertising Date: N/A

Advertised By: N/A

Attachments: Change Order 7

PURPOSE:

This change order is for additional work for the Westside Wastewater Treatment Plant Phase 3 Improvements Project.

BACKGROUND:

During the construction work, modifications have been required to the project for construction work. The work included in the change order is for modifications to the network and telecommunications at the plant for Supervisory Control and Data Acquisition (SCADA) to function while construction work is performed in certain areas of the plant. Also included are structural modifications for the Biological Nutrient Removal (BNR) Tank walkways for pole lights, pile foundation lengths for the Nitrified Recycle (NRCY) Building and electrical changes for the NRCY and Return Activated Sludge (RAS) pump motor heaters.

BUDGET IMPACT:

Funds for this project are in the following account:

421779-533701-421101024105-40202

RECOMMENDATION / ACTION REQUESTED:

The Public Services Department recommends approval of the change order for \$136,884.72 and that the appropriate City official be authorized to execute all necessary documents.

CHANGE ORDER

No. 7

PROJECT Westside WWTP - Improvements – Phase 3

DATE OF ISSUANCE December 15, 2015

EFFECTIVE DATE December 15, 2015

OWNER: City of High Point, NC

OWNER's Contract No.: 17-112013

CONTRACTOR: Shook Construction Company

ENGINEER: Hazen and Sawyer, P.C.

You are directed to make the following changes in the Contract Documents.

Description: RFP-008- Temporary Wireless Network
RFP-009- Increase size of CPT's to energize motor heaters for NRCY and RAS Pumps
RFP-010- Repair existing conduit Admin Building/Replace Telecommunications Box
RFP-012- Asbestos Removal and Disposal
RFP-013- Core Drill Final Clarifier No. 1 & No. 2
RFP-014- Concrete Walkway Modifications
RFP-015- Primary Clarifier Effluent Plug Valve Replacement
RFP-016- Micropile Additional Length

WCD-009- Removal of RFP-011

Reason: RFP-008- Contractor submitted a cost for providing/installing a temporary wireless network due to the loss of communication with existing PLC-Blower and PLC-DO from removal of electrical ductbanks.

RFP-009- Cost submitted for upsizing control power transformers (CPT's) in motor starters of NRCY and RAS pumps in order to accommodate space heaters added to pump motors.

RFP-010- Repairs to the electrical conduit and a telecommunication box located near the Admin. Bldg.

RFP-012- Contractor submitted a cost for the removal and disposal of asbestos from the Lime Facilities Building.

RFP-013- Core drilling through the existing floor of Final Clarifiers No. 1 and No. 2.

RFP-014- Contractor submitted a cost for providing revised walkway geometry at the two (2) HL8 light mast locations.

RFP-015- Contractor submitted a cost for replacing the primary clarifier effluent plug valve that is damaged. The Contractor shall provide a new valve box and valve box pad.

RFP-016- Cost submitted by the Contractor for additional pile length required at the NRCY/Blower Building in order to hit the refusal for the structure.

WCD-009- Removal of RFP#11 in order to give Shook responsibility in the modifications for the High Speed Centrifugal Blowers with no costs to the Owner.

Attachments: RFP Summary; WCD # 009

COST: ADD \$136,884.72		TIME EXTENSION – TBD via a separate change order	
CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIMES	
Original Contract Price		Original Contract Times	
\$ <u>24,911,400.00</u>		Start Date: <u>February 17, 2014</u>	
		Substantial Completion: <u>May 7, 2016</u>	
		Final Completion : <u>August 05, 2016</u>	
Net changes from previous Change Orders No. <u>0</u> to No. <u>6</u>		Net Change from previous Change Orders No. <u>0</u> to No. <u>6</u>	
\$ <u>524,968.52</u>		<u>30 Days</u>	
Contract Price prior to this Change Order		Contract Times prior to this Change Order	
\$ <u>25,436,368.52</u>		Start Date: <u>February 17, 2014</u>	
		Substantial Completion: <u>June 6, 2016</u>	
		Final Completion : <u>September 4, 2016</u>	
Net Increase of this Change Order		Net Increase (decrease) of this Change Order	
\$ <u>136,884.72</u>		<u>0 Days</u>	
Contract Price with all approved Change Orders		Contract times with all approved Change Orders	
\$ <u>25,573,253.24</u>		Substantial Completion: <u>June 6, 2016</u>	
		Final Completion : <u>September 4, 2016</u>	

The adjustment in Contract Sum or Price and/or Contract Time or Times stated in this Change Order shall comprise the total price and/or time adjustment due or owed the CONTRACTOR for the work or changes defined in this Change Order. By executing the Change Order, the CONTRACTOR acknowledges and agrees that the stipulated price and/or time adjustments include the costs and delays for all work contained in the Change Order, including costs and delays associated with the interruption of schedules, extended overheads, delay, and cumulative impacts or ripple effect on all other non-affected work under this Contract. Signing of the Change Order constitutes full and mutual accord and satisfaction for the adjustment in Contract Sum or Price or Contract Time or Times as a result of increases or decreases in costs and time of performance caused directly and indirectly from the change, subject to the current scope of the entire work as set forth in the Contract Documents. Acceptance of the waiver constitutes an agreement between OWNER and CONTRACTOR that the Change Order represents an equitable adjustment to the Contract, and that CONTRACTOR waives all rights to file a claim on this Change Order after it is properly executed.

IN WITNESS WHEREOF, the undersigned have caused the execution hereof:

ATTEST:

Secretary

[Contractor Corporate Seal]

ACCEPTED CONTRACTOR (Authorized Signature):

Shook Construction Company

By: _____

Print Name: _____

Title: _____

Address: _____

Date: _____

APPROVED OWNER:

City of High Point

By: _____

Print Name: _____

Title: _____

Date: _____

RECOMMENDED ENGINEER:

Hazen and Sawyer

By: _____

Print Name: C. Todd Johnson, P.E.

Title: Senior Associate

Date: _____