

Public Works Department

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THE CITY OF  
**Reidsville**  
NORTH CAROLINA

June 27, 2018

Ms. Virginia Spillman, PE  
City of Greensboro - Department of Water Resources  
PO Box 3136  
Greensboro, NC 27402-3136

Re: High Lift Pumping Station - Change Order No. 1 Summary

Dear Virginia:

Please find enclosed a description of contract changes associated with change order No. 1. The overall effect of the changes nets an increase in contract price for both the cities of Greensboro and Reidsville. The change order summary page indicated the portioned amount that would be due by each municipality.

As discussed previously, Reidsville staff will await approval by the Greensboro City Council for funding this change order prior to requesting payment approval by the City of Reidsville City Council.

Please contact me if there are any questions.

Respectfully,

A handwritten signature in blue ink that reads "Chuck Smith".

Chuck Smith  
Public Works Director

Encl: Arcadis Change order No. 1 Summary and supporting documentation

**CHANGE ORDER No. 1**

**PROJECT:** Reidsville Water Treatment Plant Improvements - High Lift Pumping Station

**Date of Issuance:** May 24, 2018

**Effective Date:** May 24, 2018

**OWNER:** City of Reidsville

**ENGINEER:** Arcadis G&M of North Carolina, Inc.

**CONTRACTOR:** Wharton-Smith, Inc.

The following changes have been incorporated into the Contract Documents.

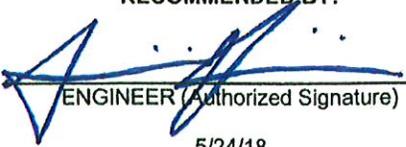
Description: See enclosed documentation of all changes incorporated into this change order. In summary, this change order includes 1) relocation of underground conduit from Reidsville meter vault to exist. pumping station, 2) relocation of underground conduit from Greensboro meter vault to exist. pumping station, 3) change in discharge piping elevation, 4) change to precast drainage structures (credit), 5) change in under-slab conduit elbow material to schedule 40 PVC (credit), 6) addition of drywall, 7) 30" pipe thrust block demolition, 8) PRV salvage (credit), 9) temperature transmitter replacement, 10) VFD wiring modifications, and finally, a credit for unused testing allowance.

Reason for Change Order: (See attached Change Summary – C.O. No. 1)

**Attachments:**

- Change Summary – C.O. No. 1
- Supporting documentation for each change

CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIME	
Original Contract Price	\$ 1,482,766.00	<u>Original Contract Times</u>	
		Substantial Completion:	270 days
		Final Completion:	300 days (indicate days or dates)
Net changes from previous Change Orders	\$ 0.00	Net changes from previous Change Orders	0 days
Net increase (decrease) of this Change Order	\$ 68,963.00	Net increase (decrease) of this Change Order	27 days
Adjusted Contract Price with all approved Change Orders	\$ 1,551,729.00	<u>Adjusted Contract Time with all Approved Change Orders</u>	
		Substantial Completion:	297 days
		Final Completion:	327 days

<b>RECOMMENDED BY:</b>	<b>ACCEPTED BY:</b>	<b>APPROVED BY:</b>
		_____
ENGINEER (Authorized Signature)	CONTRACTOR (Authorized Signature)	OWNER (Authorized Signature)
5/24/18	6/8/2018	_____
Date	Date	Date

Reidsville WTP High Lift Pump Station  
 Change Summary - C.O. No. 1  
 6/8/2018

Request #	Change Description	Reason for Change	C.O. Amount		Days
			Greensboro Portion	Reidsville Portion	
1	Conduit relocation (Reidsville)	Conduit not on previous record drawings or discovered when marking utilities; needed to be relocated to allow grading and drainage for new building		\$ 5,273	1
2	Conduit relocation serving Greensboro	Conduit not on record drawings or discovered when marking utilities; needed to be relocated to allow grading and drainage for new building	\$ 5,273		1
3	Discharge piping elevation difference	Utility locations identified during design phase did not identify correct transmission main elevation; lower pipe required additional excavation, shoring, piping, and concrete fill	\$ 29,051		14
4	Precast storm drainage structures alternative - Credit	Alternative drainage structure material offered for cost savings	\$ (500)		0
5	Sch 40 PVC Elbows alternative - Credit	Alternative conduit material offered for cost savings	\$ (2,363)		0
6	Drywall addition	Drywall needed for FRP panel structural support/attachment was omitted from construction documents	\$ 22,000		10
7	Thrust block demo	Thrust block not on previous record drawings; needed to be removed to tie into existing 30"	\$ 4,517		1
8	PRV salvage - Credit (Reidsville)	Pressure Reducing valve salvage		\$ (750)	0
9	Temperature transmitter replacement	The analog output on the electrical room temperature transmitter specified in the contract documents did not transmit an analog temperature signal. A substitute model was needed with a 4-20mA temperature output to be compatible with the PLC analog input.	\$ 1,853		0
10	VFD wiring modifications	Control strategy of the Pump Control Valve in the construction documents differed from what was needed for the VFD to interact with both the valve and the pumps	\$ 5,000		0
-	Credit for unused Testing allowance.	Contract included a testing allowance of \$5,000 and actual testing cost was \$4,609.	\$ (391)		0

	Greensboro Portion	Reidsville Portion
	\$ 64,440	\$ 4,523
	\$ 68,963	
		27