

PROJECT North Durham Water Reclamation Facility 2009 Improvements  
OWNER: City of Durham, North Carolina, Department of Water Management  
CONTRACTOR: T.A. Loving Company ENGINEER: Hazen and Sawyer, P.C.

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The proposed changes described below, in the work on the above project are being considered. Please advise us promptly of your proposed change in contract price and time to accomplish this work. Note that this is not an order to proceed with the proposed change. Notice to Proceed with the proposed change will be issued later in writing if it is decided to proceed with this change.

Proposed Changes

The Owner has requested that TALCO provide a lump sum cost to repair and coat the concrete effluent troughs of Primary Clarifier 1 and 2 per the attached details. This work includes but is not limited to:

- Removing the existing FRP odor control covers and storing them in a location onsite designated by the Owner for re-installation once the work on the concrete is complete.
- Removing all existing debris and materials currently present in the troughs.
- Performing surface prep on the troughs per manufacturer's recommendations. At a minimum, it is assumed that all areas to be coated will require sand blasting once the bulk of the loose material has been removed.
- Restoring the substrate and applying a protective coating.

In addition, please provide a separate lump sum cost to re-install the odor control covers on both primaries once the coating work is completed.

Please advise if there are any questions or concerns.

Francis X. Buser, P.E.  
Hazen & Sawyer, P.C.

Copy: Nancy Newell, Durham  
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Change Proposal  
 Summary  
 No.: 19-B

Project Name: N. Durham Water Reclamation Facility - 2009 Improvements  
 Location: 1900 E. Club Blvd., Durham, NC 27704  
 Owner: City of Durham Dept of Water Management  
 Engineer: Hazen & Sawyer

PROJ NO.: 3513  
 DATE: 1/12/11  
 DRAWING NO.:  
 SPEC. SECTION:

Reference: RFP No.: 19 Work Directive No.: Field Order No.: Other  
 Description: Concrete Repairs at Primary Clarifiers 1 & 2: Remove, store, and reinstall existing FRP covers; remove existing debris in troughs; prep surface of trough wall, incl. sand blasting as required; restore substrate, incl. forming/reinf./pouring new concrete; apply protective coating.

**PRICING INFORMATION**

**LABOR**

TRADE	QTY	HOURS	RATE	COST
Superintendent	1	32	\$67.00	\$2,144.00
Foreman	1	104	\$58.00	\$6,032.00
Crane/Backhoe Operator	1	62	\$39.00	\$2,418.00
Dozer/Loader Operator			\$34.00	\$0.00
Labor-Skilled	2	425	\$30.00	\$25,500.00
Labor-Unskilled			\$26.00	\$0.00
Electrician				\$0.00
Project Engineer			\$73.00	\$0.00
Project Manager			\$115.00	\$0.00
<b>TOTAL</b>				<b>\$36,094.00</b>

**EQUIPMENT**

ITEM	QTY	UNIT	RATE	COST
R/T Backhoe	3	WK	\$1,568.00	\$4,704.00
				\$0.00
<b>TOTAL</b>				<b>\$4,704.00</b>

**MATERIAL AND OUTSIDE RENTAL**

DESCRIPTION	QTY	UNIT	UNIT PRICE	COST
Rebar	1.00	LS	\$5,526.93	\$5,526.93
Tie Wire	1.00	CS	\$100.00	\$100.00
Hilti Epoxy Adhesive	125.00	11.1-oz Tubes	\$13.00	\$1,625.00
Bonding Agent	10.00	GAL	\$18.40	\$184.00
Concrete w/ #8 stone	49.00	CY	\$92.00	\$4,508.00
Concrete Deliv. Fee	8.00	Loads	\$3.00	\$24.00
SS Anchor Bolts	350.00	EA	\$4.44	\$1,554.00
Sikaflex-1a Caulking	36.00	20 oz. Tubes	\$5.55	\$199.80
<b>SUBTOTAL</b>				<b>\$13,721.73</b>
(NOT included, but reimbursable with receipts)				<b>SALES TAX (0%)</b> \$0.00
<b>TOTAL</b>				<b>\$13,721.73</b>

**PROJECT ADMINISTRATION COST**

DESCRIPTION	QTY	HOURS	RATE	COST
				\$0.00
				\$0.00

**SUBCONTRACTORS**

NAME	DESCRIPTION OF WORK	COST
Dixie Coatings	Sandblasting and Coating	\$91,800.00
Great Southeast Form	Concrete Formwork	\$21,500.00
<b>TOTAL</b>		<b>\$113,300.00</b>

**FEE STRUCTURE**

A. Contractor:	Cost:	Markup %:	Subtotal
1. Direct Labor:	\$36,094.00	1.10	\$39,703.40
2. Material and Equipment:	\$18,425.73	1.10	\$20,268.31
B. Subcontractors:	\$113,300.00	1.05	\$118,965.00
			<b>Subtotal:</b> \$178,936.71
C. Bonds and Insurance:		0.00	\$0.00
<b>TOTAL COST OF THIS CHANGE PROPOSAL</b>			<b>TOTAL</b> \$178,936.71

**EXTENSION OF CONTRACT TIME:**

As part of this Change Proposal, the Contractor requests an extension of Contract Time of 50 days  
 \* This time extension is to Final Completion date only; Substantial Completion date not affected by this Work.