

Contract Change Order # 6

Project Name:	LLWWTP Headwords Improvements	Project Number:	165420/165423
Project Location:	Lynn Lane Waste Water Treatment Plant	Date of Application:	Tuesday, May 28, 2019
Contractor:	Crossland Heavy Contractors	Submitted By:	Jason Smith

Summary of Change in Scope of Work

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

Change of Work Items Included in this Change Order:

- Per request of Utilities and Engineering staff, the contractor is to drain and clean the west aeration basin of all current sludge and debris. This is in addition to the line item and specifications called out for the cleaning of the east aeration basin with all current specifications applying to the west basin cleaning as well. The costs for this work above and beyond the original cleaning line item are encompassed in this change order costs. The associated costs proposal is an all inclusive lump sum price to provide a complete in place product for the above noted scope and installed per the attached plans, specs, and RFI's.

Change in Contractual Project Time:

- 1) This work will not effect the critical path or substantial completion of the original project and thus no additional time is required.

Plan Sheets or Additional Documents Attached: ☒ Yes ☐ No ☒ Other: Project Plans, CHC Cost Proposal, To Date Costs

Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO6-1	NA	West Aeration Basin Cleaning	LS	\$ 173,637.70	1	\$ 173,637.70
Total Change Cost:						\$ 173,637.70

Summary of Project Costs

Total Previous Change Orders:	\$ 801,328.77	Original Contract Amount:	\$ 9,772,200.00
Current Change Order:	\$ 173,637.70	Amended Contract Amount:	\$ 10,747,166.47
Total Cost of Change Orders:	\$ 974,966.47	Percent Change in Contract:	9.98%
Total Cost Applicable to CBA:	\$ 974,966.47	Percent Change Applicable to CBA:	9.98%

Change Order Authorization

Change Order #	6	in the sum of:	\$ 173,637.70	has been reviewed by all parties and is recommended for approval by:						
Contractor Submitting Change Order:	<table border="0"> <tr> <td>Name</td> <td>Signature</td> <td>Date</td> </tr> </table>				Name	Signature	Date			
Name	Signature	Date								
Construction Division Manager:	<table border="0"> <tr> <td>Name</td> <td>Signature</td> <td>Date</td> </tr> <tr> <td>Timothy S Robins, PE</td> <td></td> <td></td> </tr> </table>				Name	Signature	Date	Timothy S Robins, PE		
Name	Signature	Date								
Timothy S Robins, PE										
Director of Engineering & Construction:	<table border="0"> <tr> <td>Name</td> <td>Signature</td> <td>Date</td> </tr> <tr> <td>Alex Mills, PE</td> <td></td> <td></td> </tr> </table>				Name	Signature	Date	Alex Mills, PE		
Name	Signature	Date								
Alex Mills, PE										
Assistant City Manager - Operations:	<table border="0"> <tr> <td>Name</td> <td>Signature</td> <td>Date</td> </tr> <tr> <td>Kenneth D Schwab, PE</td> <td></td> <td></td> </tr> </table>				Name	Signature	Date	Kenneth D Schwab, PE		
Name	Signature	Date								
Kenneth D Schwab, PE										
City Manager:	<table border="0"> <tr> <td>Name</td> <td>Signature</td> <td>Date</td> </tr> <tr> <td>Michael Spurgeon</td> <td></td> <td></td> </tr> </table>				Name	Signature	Date	Michael Spurgeon		
Name	Signature	Date								
Michael Spurgeon										

This Change is Executed Through:

- ☐ This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances.
or
☒ This change to the contract documents was approved at the City Council/BAMA meeting held on : Monday, June 3, 2019

CROSSLAND HEAVY CONTRACTORS

14149 East Admiral Place

Tulsa, Oklahoma 74116

tel 918.438.2800

fax 918.438.2801

Date: May 28, 2019

Dear Tim Robins,

This letter is to address the additional costs associated with removing the sludge from the West A-Basin. Sludge will be pressed and haul to landfill. This scope of work is anticipated to take 2-3 weeks, CHC would like to request 15 days to be added to the contract time to complete scope.

Below is a cost breakdown for the proposed materials.

CHC	\$255,707.00
Profit & Overhead	\$25,570.70

Total Cost: **\$281,277.70**

Should you have any questions or comments please feel free to contact me at (918) 230-9573

Respectfully,

Jason Smith
Crossland Heavy Contractors, Inc.

COST BREAKDOWN FOR SUPPORT OF ALLOWANCE AUTHORIZATION NO. 22

Reference Document: Directive from City of Broken Arrow

Contract No.: Project Number 165420 & 165423
Project No.: Lynn Lane Headworks Improvements
Contractor: Crossland Heavy Contractors, Inc.

Date: 05/28/19

Description of Work: Sludge Removal of West A-Basin

Materials:

Items	Units	Cost	Quantity	Amount
		\$0.00	0.00	\$0.00
		\$0.00	0.00	\$0.00
		\$0.00	0.00	\$0.00
		\$0.00	0.00	\$0.00
			Sub-Total	\$0.00
			Total	\$0.00

Labor:

Job Title	Rate/Hr.	Total Hrs.	Amount	
	\$0.00	0.00	\$0.00	
	\$0.00	0.00	\$0.00	
	\$0.00	0.00	\$0.00	
			Sub-Total	\$0.00
			Total	\$0.00

Payroll Additives:

Item	% of Labor	Amount
Insurance	8.00%	\$0.00
Bond	0.00%	\$0.00
Social Security	7.65%	\$0.00
Taxes	3.80%	\$0.00
Worker's Compensation	22.00%	\$0.00
Employee Fringe Benefits	20.00%	\$0.00
Total		\$0.00

Equipment:

Type	Cost/Hr.	Total Hrs.	Amount
	\$0.00	0.00	\$0.00
	\$0.00	0.00	\$0.00
	\$0.00	0.00	\$0.00
	\$0.00	0.00	\$0.00
			\$0.00
		Total	\$0.00

Sub-Contractor Cost - Video Arts Corporate	\$255,707.00
Mark-up On Sub-Contractor (10%)	\$25,570.70
Contractor Cost	\$281,277.70
Contractor Profit	\$0.00
Contractor Total	\$281,277.70

Total Lump Sum Cost for Work Described	
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If Not Lump Sum, Cost Per Unit	Total Cost	
	Quantity	

Contractor's Signature

Printed Name: _____



4930 NS 3775
Allen, OK 74825
580-465-2756

Estimate for Proposal

Lynn Lane West Raceway Basin Sludge Removal

May 12, 2019

Crossland Heavy Contractors
Attn: Jason Smith
14149 E. Admiral
Tulsa, OK

This proposal along with the attached terms and conditions, shall serve as **Sandyland Environmental's (SE)** proposal to perform the referenced services for the **Lynn Lane West Raceway Basin Sludge Removal**. Pricing included in this proposal is contingent upon (1) acceptance of the proposal and terms and conditions acknowledged through signing and return of this document to **SE** (2) the acceptance of the proposal and agreement between **SE** and the customer on the scheduling of the project.

Sandyland Environmental proposes to remove remaining sludge, grit and rags from the West Raceway Basin. Sludge, grit, and rags will be dewatered using a belt press to reach desired results. Sludge, grit and rags will be removed to landfill.

<u>Item</u>	<u>Lump Sum Price</u>
Remove all sludge, grit and rags to landfill.	\$255,707

Crossland Heavy will make arrangements for construction water meter hookup, and 3-phase 480v 60 amp service.

(Includes one mobilization / demobilization event.)

Scheduling:

Pricing based on Sandyland Environmental Services maximizing all daylight hours during project term and operating during the week and weekends (if agreed upon). Crews are dispatched to projects on a first come first serve basis. Should a project require completion under "emergency" status, require rescheduling of booked projects, and/or the unplanned utilization of subcontractors, pricing will be renegotiated.



4930 NS 3775
Allen, OK 74825
580-465-2756

Weather:

Prolonged weather events may require the rescheduling of a project.

Thank you for the opportunity to present this proposal. Should you accept this proposal, please sign below and return to Sandyland Environmental Services.

If you have any questions please contact Greg Turpin at 580-465-2756.

Authorized Representative

Signature _____ **Date** _____

Summary of FAP Loan Expenditures

Total Loan amount: \$11,200,000.00

Construction Contract award: \$9,772,200.00

Change Order #1: \$109,954.37

Change Order #2: \$90,750.00

Change Order #3: \$132,012.66

Change Order #4: \$406,100.00

Change Order #5: \$62,511.74

Amended Construction Contract: \$10,573,528.77

Construction Assistance: \$375,928.00

Total Project Costs To-Date: \$10,949,456.77

Loan value remaining: \$250,543.23

Value remaining of Construction Contract Changes per CBA: 1.8% or \$175,891.23

Cleaning of West Basin Proposed Change Order:

- Cost:~\$173,637.70
 - Revised Project Cost: \$10,747,166.47
 - % change to CBA: 9.98%
 - Remaining Change Order Value: \$2,253.53
 - Loan Value Remaining: \$76,905.53

Additional Known Costs:

- ONG Gas Line installation
 - Cost: \$48,370.00
 - Loan Value Remaining: \$28,535.53