		Date:	February 6, 2020	j		
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONTRACT CHANGE ORDER Page 1 of 2		Project:	West Hickman WWTP Scum Removal Addition and ASH Tank No. 3 Cover			
ļ		Location:	West Hickman WWTP	1 me 2 m		
Lawrenceburg, KY 40342		Contract No.	Res # 257-2018	7		
		Original Contract Amt.	\$1,389,000.00	'U		
		Cumulative Amount of	\$44,202.00	-		
		Previous Change Orders Percent Change - Previous Change Orders		3.18%		
		Total Contract Amount Prior to this Change Order	\$1,433,202.00	и ()-		
<u></u> _		Change Order No.	2			
	You are hereby requested to comply with the following	changes from the contract plan	s and specification;	777 - AU		
Current Change Order						
Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price			
4	Add Seven Dry Upright Style Sprinkler Heads - Odor Control Building		\$ 1,899.60			
5	Cut BPR Weirs		\$ 6,890.00			
6	Gas and Water Line Relocation for Manhole		\$ 7,195.00	- · · · · · ·		
7	Backflow Preventer Vault per KAW Requirements		\$ 19,500.00			
8	Delete Installation for Gates in	\$ 4,500.00	·			
9	Credit for SCADA Integration	\$ 15,000.00				
10	Credit for Soils Allowance	\$ 13,500.00		* *		
11	Scum Line Tie-In for Clarifiers #1-#6		\$ 50,850.00	7		
			-			
	Total decrease	\$33,000.00		, , ⁷ 1		
	Total increase		\$86,334.60			
	Net Amount of this Change Order	\$53,334.60		entar way		
	New Contract Amount Including this Change Order	\$1,486,536.60				
	Percent Change - This Change Order			3.84%		
	Percent Change - All Change Orders					
	e provided for the completion in the contract and all					
Recommended by / /// (Proj. Engr.) Date 2/19/2020						
Accepted by Jimms D. Newton (Contractor) Date 3-6-2020						
Approved by (Director) Date 2/2./20						
Approved by Commissioner) Date 3 3 2020 Approved by (Commissioner) Date 6 (1/2020)						
Approved by (Mayor or CAO) Date 5/1/2020						

<u> </u>	<u> </u>	Page 2 of 2	
JUSTIFICATION FOR CHANGE		PROJECT: West Hickman WWTP Scum Removal Addition and ASH Tank No. 3 Cover	
		CONTRACT NO. Res # 257-2018	
		CHANGE ORDER: 2	
1.	sprinkler heads that were not inclevel in BPR tanks was higher ba lowered. 6-Conflict with existing uprotection water service. 8-Remorant of clarifier repair project. 9-In	ace in odor control building required additional cluded in sprinkler contractor original bid. 5-Water ased on current operating levels, requiring weirs to be utilities. 7-KAW required a backflow preventer for fire oving gate installation from contract to be installed as integration to be done in house after operation is . 11-Existing lines so deep; job to big for inhouse	
2.	Is proposed change an alternate bid?YesX_No		
3.	Will proposed change alter the physical size of the project? Yes X No		
	If "Yes", explain.		
4.	Effect of this change on other prin	me contractors: N/A	
5.	Has consent of surety been obtained?YesX_Not Necessary		
6.	Will this change affect expiration or extent of insurance coverage?Yes _X_No		
	If "Yes", will the policies be extended?YesNo		
7.	Effect on operation and maintenance costs: N/A		
8.	Effect on contract completion date to delivery date of Geodesic Dom	e: Completion date extended to June 30, 2019 Due ne Cover and Actuators for Scum Skimmer Pipes.	
	_ din	Mayor 5/1/2020	

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		Summary Chart for Change Order #2						
Projec	ot:	West Hickman WWTP Scum Removal Addition and ASH Tank No. 3 Cover	Key					
, -		Lexington, Kentucky	Ow = Owner	Om =	Omiss	ion		
		Contract # 22-2018	A/E = Architec	t/Engin	eer C=	Contr	actor	
PCO			•		nge Re			CO
No.	Date	Brief Description	Price	Ow	A/E	C	Om	No.
4	10/24/2018	Addition of 7 Dry Upright Sprinkler Heads	\$1,899.60	X	Х		X	2
		Seven (7) dry upright style sprinkler heads added to protect the attic space in the Odor Control Building.						
5	1/17/2019	Lowering of 46 wines in BDD Tooles 1.7	\$6,890.00	X	Х		-	2
		Lowering of 16 wiers in BPR Tanks 1-7 After new scum pipes were installed the tank levels needed to be adjusted. See attached for additional information.				i.		
6	3/22/2019	Relocation of 2" water line and 2" gas line	\$7,195.00	X	Х			2
		When digging for new manhole to be placed in the road for the scum decant well additional conflicting untilities were found. Relocation was necessary.						
7	3/22/2019	Purchase and installation of backflow preventer.	\$19,500.00	Х	Х			2
		Purchase and installation of backflow preventer per KAWC requirements for a tap necessary for the new fire suppression service needed for the new sprinklers.			:			
8	9/25/2019	Credit for Labor: Distribution gates Installed in different project. The timing for installation of the distribution box gates worked better with a different project when a shutdown of the plant was possible.	-\$4,500.00	Х				2
9		Credit for SCADA Integration: Working with plant superintendent on necessity New scum pipes operation procedures need to be established. We will have a better idea about how they should operate once we have worked with them for a while. Integration into SCADA can be accomplished at a later date.	-\$15,000.00	X				2
10		Credit for Soils Allowance not used. \$4,500.00 was used for the placement of the Scum Decant Box. No more was needed.	-\$13,500.00	Х				2
11	10/16/2019	Soum Line Tie-In for Clarifiers #1 - #6 Plant Staff researched installation to be done in-house. The lines eneded up being deeper than anticipated. Contractor was asked to do the Tie-Ins to complete the connections needed to pump soum from the final clarifier soum pits.	\$50,850.00	X				2
		Page TOTAL	\$53,334.60		1 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		ا الماريخ	

1385 Tracy Road Lawrenceburg, KY 40342

Phone: 502-839-3484 Fax: 502-839-0939

October 24, 2018

Mr. Mike Davis, PE Strand Associates, Inc. 1525 Bull Lea Road, Suite 100 Lexington, KY 40511

RE: West Hickman WWTP Scum Removal

Mr. Davis,

Per your request Herrick Company, Inc. offers the following for your consideration. Add seven (7) dry upright style sprinkler heads to protect the attic space in the Odor Control Building.

 Subcontractor
 \$ 1,439.60

 Bonds
 \$ 175.00

 O&P
 \$ 285.00

TOTAL \$ 1,899.60

Let me know if you have any questions or need additional information.

Sincerely,



2176 Waddy Rd, HWY 395 Lawrenceburg, KY 40342

Phone: 502-839-3484 Fax: 502-839-0939 E-Mail: hci@dcr.net

January 17, 2019

Mike Davis, P.E. Strand Associates, Inc. 1525 Bull Lea Road, Suite 100 Lexington, KY 40511

RE: West Hickman WWTP Scum, Cost Proposal #1

Mr. Davis:

Per your request Herrick Company, Inc. offers the following for your consideration. Lower 16 weirs in BPR tanks 1 thru 7.

Option #1: Lower weirs per cost proposal #1.	Labor	\$7,300.00
	Equipment	\$ 700.00
	Material	\$2,400.00
	Bonds	\$ 150.00
	O&P	\$1,850.00

Total \$12,400.00

Option #2: Leave weirs bolted in current position, cut the FRP weirs down to new elevation, coat all raw FRP cuts with resin. \$4,400.00 Labor

Equipment \$ 700.00 Material \$ 650.00 Bonds \$ 100.00 0&P \$1,040.00 Total \$6,890.00

Add \$2,310.00 to either option #1 or #2 for removing remaining flap gates above the weirs. For option #1 we assume the FRP weirs were not caulked and will remove without damaging FRP, if they were caulked they will be stuck to concrete and removal will damage FRP and add labor. Extra labor, replacing or repairing FRP is not included. For option #1 and #2 we assume the concrete opening is low enough for new weir elevation.

Let me know if you have any questions or need additional information.

Sincerely,

H. Douglas Herrick

2176 Waddy Road Lawrenceburg, KY 40342

Phone: 502-839-3484 Fax: 502-839-0939

March 22, 2019

Mr. Mike Davis, PE Strand Associates, Inc. 1525 Bull Lea Road, Suite 100 Lexington, KY 40511

RE: West Hickman WWTP Scum Removal

Mr. Davis,

Per your request Herrick Company, Inc. offers the following for your consideration. Relocate utility lines interfering with placement of scum manhole in drive by new scum decant well. Includes relocating 2" water and 2" gas line.

 Labor
 \$ 2,460.00

 Equipment
 \$ 700.00

 Material
 \$ 960.00

 Subcontractor
 \$ 1,895.00

 Bonds
 \$ 100.00

 O/P
 \$ 1,080.00

 TOTAL
 \$ 7,195.00

Let me know if you have any questions or need additional information.

Sincerely,

2176 Waddy Road Lawrenceburg, KY 40342

Phone: 502-839-3484 Fax: 502-839-0939

March 22, 2019

Mr. Mike Davis, PE Strand Associates, Inc. 1525 Bull Lea Road, Suite 100 Lexington, KY 40511

RE: West Hickman WWTP Scum Removal

Mr. Davis,

Per your request Herrick Company, Inc. offers the following for your consideration. Install backflow preventer in precast vault, per American Water Company requirements. This price reflects HCl giving LFUCG a \$400.00 credit for not doing the hot tap in the original project, and a credit of \$1,171.31 for Brown Sprinkler deleting the 3" back flow preventer in the original project. This price does not include the cost of the tap itself American Water Company will be billing LFUCG/West Hickman directly for making the hot tap on their water line, and

providing/installing the PIV. ——> Park through reperate P.O.

 Labor
 \$ 6,197.00

 Equipment
 \$ 2,350.00

 Material
 \$ 7,803.00

 Bonds
 \$ 225.00

 O/P
 \$ 2,925.00

 TOTAL
 \$19,500.00

Let me know if you have any questions or need additional information.

Sincerely,

2176 Waddy Road Lawrenceburg, KY 40342

Phone: 502-839-3484 Fax: 502-839-0939 hci@dcr.net

March 22, 2019

Mr. Mike Davis, PE Strand Associates, Inc. 1525 Bull Lea Rd, Ste. 100 Lexington, KY 40511

RE: West Hickman WWTP Scum Removal

Dear Mr. Davis:

Per your request Herrick Company, Inc. offers the following quote for your consideration. Do not install gates that were part of original contract, only provide the material.

Total Lump Sum Credit for Gate Installation: \$4,500.00

Please let us know if you have any questions or need additional information.

Sincerely,

PCO# 11



2176 Waddy Rd, HWY 395 Lawrenceburg, KY 40342

Phone: 502-839-3484 Fax: 502-839-0939 E-Mail: hci@dcr.net

October 16, 2019

Mike Davis, P.E. Strand Associates, Inc. 1525 Bull Lea Road, Suite 100 Lexington, KY 40511

RE: West Hickman WWTP Scum

Mr. Davis:

Per your request Herrick Company, Inc. offers the following for your consideration. Extend 6 clarifier scum lines from existing 3" flanges under bridges to existing 6" underground pipes. Per e mail, plans and pictures dated 10-7-19.

Existing above ground pipe is 3" galvanized steel and existing buried is assumed to be 6" DI pipe. We propose to use 3" DI flanged pipe and fittings above ground and 6" MJ pipe and fittings for buried pipe and fittings.

Labor .	\$17,950.00
Equipment	\$ 4,950.00
Material	\$16,650.00
Subcontract	\$ 3,000.00
Bonds	\$ 500.00
O&P	\$ 7,750.00
Total Lump Sum:	\$ 50,850.00

Let me know if you have any questions or need additional information.

Sincerely,

H. Douglas Herrick

Tiffany Rank

From: Tiffany Rank

Sent: Monday, October 7, 2019 6:09 PM

To: 'Donna Herrick'

Cc: Rick Bowman; Daniel Honeycutt; James Worten

Subject: Quote for Connecting Clarifier Scum Lines to Existing Buried Scum Lines

Attachments: Scum Line Drawings.pdf; Scum Line Photos.pdf

Doug,

Attached are some photos and very elementary drawings but I think there is enough detail for you to give us a price. I think the only thing is that needs to be confirmed are the pipe sizes and material. I think the Clarifier Scum Lines are 3" Cast Iron (Jim can you confirm?) and the Existing buried Scum Lines are 6" Cast Iron (?).

If you look at the drawing you will see that 2 of the Clarifier Scum Lines are on the same side as the existing underground scum lines but 4 are on the opposite side of the bridge. You can reroute the pipe under the bridge before turning down.

When you look at the Splitter Box Drawing you can see that the Existing Scum Line Ties in at about 6' below grade. The tie in for the Clarifier Scum Lines to the Buried lines will be between 5 and 6 foot.

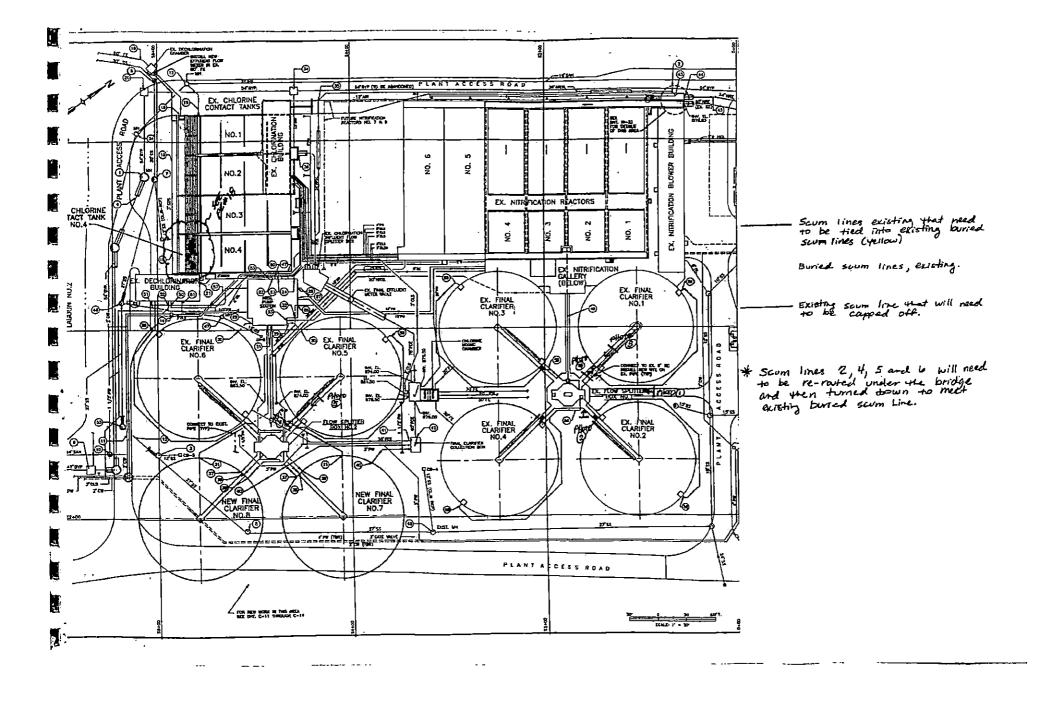
We would like a price for connecting the Clarifier Scum Lines to the Existing Buried Scum Lines. There are 6 ties to be made as clarifiers #7 and #8 do not need this work completed. This junction can be done where the Scum line from the old scum box (Black on the drawings) Ys into the yellow Scum Line. Jim said that some of them have cleanouts. Hopefully they will be easy to find.

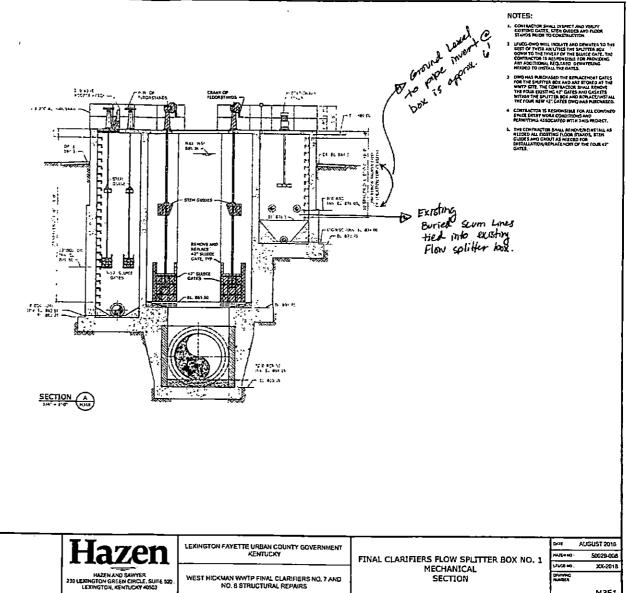
We would like cleanouts installed at the point where you make the connection and a coupling before the pipe goes underground from the clarifier. The scum pipes are not used in the winter time so we would like to be able to flush the lines once the system is out of service.

If you have any questions Tuesday, I will be out of the office, please call Rick Bowman at 859-425-2475. Once I have the price; as long as it is reasonable I will add it to the current change order and get it to council.

Thank you for your hard work!

Tiffany Rank

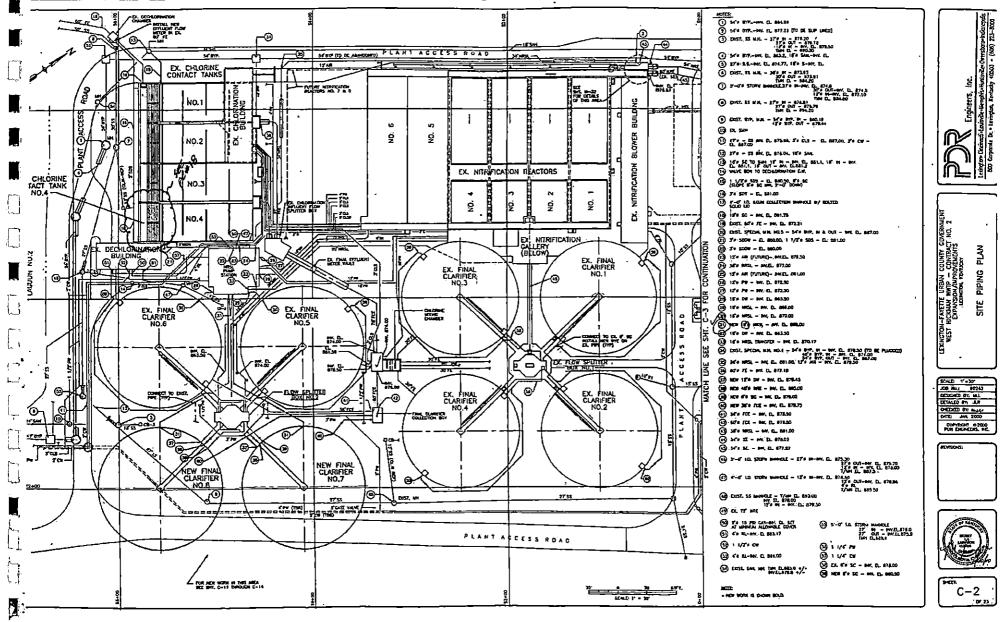




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PRELIMINARY DRAWING DO NOT USE FOR CONSTRUCTION

M351





CHARLES H. MARTIN, P.E. DIRECTOR WATER QUALITY

TO:

Mayor Linda Gorton

Urban County Council

FROM:

Charles H. Martin, P.E., Director

Division of Water Quality

DATE:

February 24, 2020

SUBJECT:

Change Order #2; West Hickman WWTP Scum Removal Addition and ASH Tank #3 Cover

Request

The Division of Water Quality requests approval of Change Order #2 to the Agreement with Herrick Company, Inc., for the West Hickman WWTP Scum Removal Addition and ASH Tank #3 Cover Project, increasing the contract price by the sum of \$53,334.60, from \$1,433,202.00 to 1,486.536.60.

Purpose of Request

The increase to the contract includes additional cost for the following items:

- Additional Sprinkler Heads
- Weir Modifications
- Coordination with KAW for new fire service
- Credits for Allowances not used
- Scum Line Tie-in for Clarifiers #1-#6

Project Cost in FY20 Budget and Future Budget Years

FY20 – Approval of this change order results in an increase of \$ 53,334.60 to the contract. The revised contract amount including this change order will be \$1,486,536.60 representing a 3.84% increase of the original contract amount. The accumulative % increase total, for change orders to this project is 7.02%.

Future Budget Impact -This change order will not have an impact on future budget years.

Are Funds Budgeted

Funds are Budgeted in: 4003 303401 3401 92711 WHWWTP_RMP/CONSENT_DE

Bud Ref: 2019

Martin/Albright



CONTRACT AMENDMENT

THIS CONTRACT AMENDMENT is made and entered into this 25 day of Land, 2020, by and between the LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT (hereinafter referred to as "Government"), an urban county government of the Commonwealth of Kentucky, on behalf of its Division of Grants and Special Programs, and Harrods Hill Recreation Center (hereinafter "Association"), a non-profit corporation created pursuant to KRS Chapter 273, with offices located in Lexington, Kentucky.

WITNESSETH:

WHEREAS, the parties hereto have previously entered into a contract dated December 4, 2018 under the terms of which the Government granted to the Association \$10,000 for carrying out various neighborhood activities and improvements; and

WHEREAS, the parties wish to modify the contract;

NOW, THEREFORE, for and in consideration of the foregoing premises, the parties hereto agree as follows:

The Government hereby amends the scope of work for this project to include repair and replacement of pool areas and extends the agreement through December 31, 2020.

LEXINGTON-FAYETTE URBAN

COUNTY GOVERNMENT

BY:

LINDA GORTON, MAYOR

Sinda) Gorton

HARRODS HILL RECREATION CENTER

TITLE: President