

<b>LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONTRACT CHANGE ORDER</b> Page 1 of 2		Date:	March 24, 2021	
		Project:	Investigation/Design Services for West Hickman WWTP Belt Filter Press Improvements	
		Location:	West Hickman WWTP	
To (Consultant): GRW, Inc. 801 Corporate Drive Lexington, KY 40503		Contract No.	RES # 33-2019	
		Original Contract Amt.	\$243,400.00	
		Cumulative Amount of Previous Change Orders	\$0.00	
		Percent Change - Previous Change Orders		0.00%
		Total Contract Amount Prior to this Change Order	\$243,400.00	
		Change Order No.	1	
You are hereby requested to comply with the following changes from the contract plans and specification;				
<b>Current Change Order</b>				
Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price	
1	Increase to provide additional design for a three (3) centrifuge option. Alternative designs will be provided for bidding to compare the cost of 2 vs 3 centrifuges.		\$43,000.00	
2	Design for replacing the press feed sludge pump VFD and control panel (4 each).		\$5,900.00	
3	Design for replacing three (3) junction boxes containing sludge feed pump wiring.		\$1,500.00	
4	Design for providing a security camera on the building exterior for viewing the sludge trucks available.		\$1,800.00	
5	Design for replacing panelboard PSPB (2 panels), transformer, and reterminate circuits.		\$2,500.00	
6	Design to remove panel P5 from the office, relocate PLC to new office area, relocate existing power supplies and UPS, and relocate existing fiber panels.		\$4,000.00	
7	Design to provide connection for new SCADA workstation in the new office.		\$1,600.00	
8	Design to replace existing auger control panel and connect to SCADA system.		\$5,500.00	
9	Design to add security camera to the solids truck bay for operator visibility when filling the trucks.		\$2,000.00	
10	Design to replace water and solids piping between the digester building and sludge processing building.		\$3,000.00	
	Total decrease	\$0.00		
	Total increase		\$70,800.00	
	Net Amount of this Change Order	\$70,800.00		
	New Contract Amount Including this Change Order	\$314,200.00		
	Percent Change - This Change Order			29.09%
	Percent Change - All Change Orders			29.09%
The time provided for the completion in the contract and all provisions of the contract will apply hereto.				
Recommended by <u>T. J. [Signature]</u>		(Proj. Engr.)	Date <u>4/7/21</u>	
Accepted by <u>[Signature]</u>		(Consultant)	Date <u>5/27/21</u>	
Approved by <u>[Signature]</u>		(Director)	Date <u>4/10/21</u>	
Approved by _____		(Commissioner)	Date _____	
Approved by _____		(Mayor or CAO)	Date _____	

**JUSTIFICATION FOR CHANGE**

PROJECT: Investigation/Design Services for West Hickman WWTP Belt Filter Press Improvements

CONTRACT NO. RES # 33-2019

CHANGE ORDER: 1

1. Necessity for change: Increase in design/scope cost for additional design option for 3 centrifuges vs 2 centrifuges so the alternatives can be evaluated at bidding; and additional equipment and electrical designs that were not recognized in the initial scope of the project.
2. Is proposed change an alternate bid? \_\_\_ Yes  X  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 prime contractors: N/A
5. Has consent of surety been obtained? \_\_\_ Yes  X  Not Necessary
6. Will this change affect expiration or extent of insurance coverage? \_\_\_ Yes  X  No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: None

\_\_\_\_\_  
Mayor\_\_\_\_\_  
Date



**GRW** | engineering | architecture | geospatial  
 801 Corporate Drive | Lexington, KY 40503  
 859.223.3999 | www.grwinc.com

March 2, 2021

Ms. Tiffany Rank, P.E  
 WWTP Plant Engineering Manager  
 Lexington Fayette Urban County Government  
 Suite 180  
 125 Lisle Industrial Road  
 Lexington, KY 40507

Re: Additional Services Request  
 West Hickman WWTP Solids Processing  
 GRW Project No. 4816

Dear Tiffany,

In follow up to our discussion related to additional services for the West Hickman WWTP solids processing project, I offer the following additional services and fee summary:

No.	Item	Fee
1	Provide additional design for the three (3) centrifuge option. Alternative designs will be provided for bidding.	\$43,000
2	Replace the press feed sludge pump VFD and control panel (4 each)	\$5,900
3	Replace three (3) junction boxes containing sludge feed pump wiring	\$1,500
4	Provide security camera for the building exterior	\$1,800
5	Replace panelboard PSPB (2 panels), transformer, and reterminate circuits	\$2,500
6	Remove panel P5 from the office, relocate PLC to new office area, relocate existing power supplies and UPS, and relocate existing fiber panels	\$4,000
7	Provide new SCADA workstation in the new office	\$1,600
8	Replace existing auger control panel and connect to SCADA system	\$5,500
9	Add security camera in the solids truck bay area	\$2,000
10	Replace water and solids piping between the digester building and sludge processing building.	\$3,000
<b>Total Additional Fee</b>		<b>\$ 70,800</b>

Should you have any questions, please do not hesitate to call.

Sincerely,

Joseph L. Henry  
 Vice President