

MAYOR JIM GRAY



**LEXINGTON**

CHARLES MARTIN  
DIRECTOR  
WATER QUALITY

To: Urban County Council  
Martha Allen, Council Clerk

From: Courtney Thacher *CT*  
Administrative Specialist Principal for Remedial Measures Program

Date: May 23, 2016

Re: Change Order 2 for Town Branch Wet Weather Storage Facility RMP Project

This memorandum is to notify the Urban County Council of Change Order 2 for the Town Branch Wet Weather Storage Facility Remedial Measures Project. Per CAO policy 15R the Remedial Measures Program Manager is allowed to approve change orders of less than 5% of the cumulative contract award. The result of the attached change order is an increase to the contract amount by \$13,272.65, bringing the cumulative change of all Change Orders to \$302,581.65 or 1.6%, and an increase to the contract time of 52 calendar days.

Should you have any questions, please contact me at 425-2439.

pc: Vernon Azevedo, P.E., Remedial Measures Program Manager  
Charles Martin, P.E., Director of Water Quality  
Dowell Hoskins-Squier, P.E., Commissioner  
Mark Fischer, P.E., Project Manager  
File



**SANITARY SEWERS REMEDIAL MEASURES PLAN CONTRACT CHANGE ORDER FORM**

Project Name: Town Branch Wet Weather Storage Facility  
Contractor: Judy Construction, Company  
Contract Number: 324-2014  
RMP Project ID: TB-1  
Change Order ID Number: 2  
Applicable Tier: 1

**CHANGE ORDER DETAILS**

Contract Amount	<u>\$19,397,309.00</u>	Contract Time	<u>700</u>
Original Contract Amount:	<u>\$19,108,000.00</u>	Original Contract Time	<u>624</u>
Change in Contract Amount	<u>\$13,272.65</u>	Change in Contract Time	<u>52</u>
New Contract Amount:	<u>\$19,410,581.65</u>	New Contract Time	<u>752</u>

**JUSTIFICATION FOR CHANGE ORDER**

See Attached Forms.

**REQUIRED SIGNATURES**

Tier 1 Vivian Azueta 5.23.16  
Remedial Measures Plan or Construction Manager Date

Tier 2 \_\_\_\_\_ Date  
Remedial Measures Plan or Construction Manager

\_\_\_\_\_  
Director of the Division of Water Quality Date

\_\_\_\_\_  
Director of the Division of Purchasing Date

**URBAN COUNTY COUNCIL NOTIFICATION**

Courtney Stuh 5/23/16  
Employee Submitting Notification Date

**Change Order No. 2**

**Remedial Measures Plan (RMP)  
Division of Water Quality**

**Lexington-Fayette Urban County Government (LFUCG)**

Date of Issuance: <u>5/20/2016</u>	Effective Date:
Owner: <u>Lexington-Fayette Urban County Government (LFUCG)</u>	Owner's Bid No.: <u>137-2014</u>
Contractor: <u>Judy Construction, Company</u>	Contractor's Project No.:
Engineer: <u>GRW Engineers, Inc.</u>	Engineer's Project No.: <u>4175</u>
Project: <u>Town Branch Wet Weather Storage Facility</u>	Contract Name:

The Contract is modified as follows upon execution of this Change Order:

<b>Description:</b>	
2.1 Additional Hatches at Pump Station.....	\$20,872.00
2.2 Hydro-excavation in and around Structure B.....	\$3,939.00
2.3 Baffle Wall Supports.....	\$12,793.55
2.4 Additional Wet Well Grout.....	\$1,968.10
2.5 Contract Time Extension.....	\$.00
2.6 Site Lighting Revision.....	(\$26,300.00)

Attachments: Supporting documents attached.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: <u>\$ 19,108,000.00</u>	Original Contract Times: Substantial Completion: <u>6/25/2016</u> Ready for Final Payment: <u>7/25/2016</u> dates
[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>1</u> : <u>\$ 289,309.00</u>	[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>1</u> : Substantial Completion: <u>9/9/2016</u> Ready for Final Payment: <u>10/9/2016</u> days
Contract Price prior to this Change Order: <u>\$ 19,397,309.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>9/9/2016</u> Ready for Final Payment: <u>10/9/2016</u> dates
[Increase] [Decrease] of this Change Order: <u>\$ 13,272.65</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>52 days</u> Ready for Final Payment: <u>52 days</u> days
Contract Price incorporating this Change Order: <u>\$ 19,410,581.65</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>10/31/2016</u> Ready for Final Payment: <u>11/30/2016</u> dates

**RECOMMENDED (Engineer):**  
By: [Signature]  
Title: Project Manager  
Date: 2016-05-20

**ACCEPTED (Contractor):**  
By: [Signature]  
Title: Project Manager  
Date: 5/20/16

**ACCEPTED (Owner: LFUCG)**  
By: [Signature]  
Title: Remedial Measures Program Manager  
Date: 5-23-16

**Approved by Funding Agency (If applicable):**  
By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

**Project: Town Branch Wet Weather Storage Tank Project  
GRW Project Number: 4175**

**Change Order #2**

Change Order Item	Description	Justification	Date Submitted	Engineer's Recommendation	LFUCG Approval	Contractor's Acceptance	Change In Time (Calendar Days)	Change In Price	Removed from Project by LFUCG
2.1	Additional Hatches at Pump Station	Two (2) additional hatches 66"x86" at the Pump Station valve vault have been added to accommodate the installation and removal of the two (2) 42" plug valves in the valve vault.	7/31/2015	7/31/2015	8/3/2015	8/3/2015	0	\$ 20,872.00	
2.2	Hydro-excavation in and around Structure B	Coordinate this work to prevent damage to existing utilities.	11/9/2015	11/9/2015	11/9/2015	11/8/2015	0	\$ 3,939.00	
2.3	Baffle Wall Supports	Two (2) additional structural baffle wall supports within wet well. This work was completed on time and materials.	1/12/2016	2/16/2016	2/17/2016	2/18/2016	0	\$ 12,793.55	
2.4	Additional Wet Well Grout	Additional concrete (grout) placed in the wet well to add additional sloped floor towards the pumps.	3/8/2016	3/10/2016	2/5/2016	2/8/2016	0	\$ 1,988.10	
2.5	Contract Time Extension	Additional days related to Lorillard Air Release Valve change order and inclement weather that has delayed construction activities for Cron and Judy Construction Co. This will extend the substantial completion date to October 31st, 2016.	4/12/2016	4/18/2016	5/3/2016	4/12/2016	52	\$ -	
2.6	Site Lighting Revision	Revised site lighting including 6 LED fixtures, conduit and wiring. Includes credit of \$65,600 for originally specified and bid tank lighting	4/13/2016	4/15/2016	4/15/2016	4/15/2016	0	\$ (26,300.00)	
<b>Total Change Order 2</b>							<b>52</b>	<b>\$ 13,272.65</b>	
<b>Total Change Order Amount:</b>							<b>128</b>	<b>\$ 302,681.65</b>	

Town Branch COP Cost Breakdown

COP No. 9

Additional Hatches at the Pump Station

Material and Labor to install 2 each 66" x 96" hatches	\$ 12,661.00
Extra Shoring Rental	\$ 8,211.00
<b>Total</b>	<b>\$ 20,872.00</b>

COP No. 10

Hydro-Excavate around Structure 8

Hydro-Excavate Electrical Conduit	\$ 1,185.00
Hydro-Excavate Modulating Valve Structure	\$ 2,240.00
JCC Overhead and Profit	\$ 514.00
<b>Total</b>	<b>\$ 3,939.00</b>

COP NO. 11

Add Structural Supports

Labor Including Payroll Burdens	\$ 7,162.95
Material	\$ 898.88
Equipment, Fuel, Maintenance, Etc.	\$ 3,063.00
Overhead & Profit	\$ 1,668.72
<b>Total</b>	<b>\$ 12,793.55</b>

COP NO. 12

Additional wet well grout

Labor Including Payroll Burdens	\$ 691.39
Material	\$ 756.84
Equipment, Fuel, Maintenance, Etc.	\$ 255.75
Overhead & Profit	\$ 264.12
<b>Total</b>	<b>\$ 1,968.10</b>

COP NO. 13

Time Extension

N/A

COP NO. 14

Revised Site Lighting

Labor Including Payroll Burdens, Material OH & Profit	\$ 39,300.00
Credit for removal of as specified and bid lighting package	\$ 65,600.00
<b>Total (Credit)</b>	<b>\$ (26,300.00)</b>

**Total Change Order Charges \$ 78,872.65**

**Total Change Order Credits \$ 65,600.00**

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**TOTAL CHANGE ORDER No. 2 \$ 13,272.65**

# JUDY Construction Co.

GENERAL CONTRACTORS

P.O. BOX 457 CYNTHIANA, KENTUCKY 41031  
Telephone (859) 234-5900 Fax (859) 234-3480  
www.judyconstructionco.com

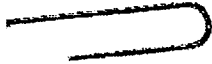
July 31, 2015

GRW Engineers  
801 Corporate Drive  
Lexington, KY 40503  
Attn: Kurt Zehnder, P.E.

Ref: Town Branch Wet Weather Storage Facility  
Added Hatches @ the Pump Station  
Change Order Proposal # 9

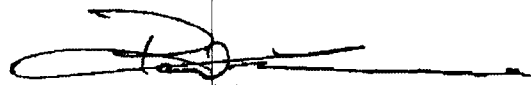
Dear Mr. Zehnder,

We have prepared the following proposal to provide 2 each additional 66" x 96" hatches per your 7/30/15 email. I have included an extra months rental due to the 4 week delivery time on hatches

	Material and labor to install 2 each 66" x 96" hatches	\$12,661.00
	Extra Storing Rental	<u>8,211.00</u>
		\$20,872.00

If this is proposal acceptable, please add it to the next change order. Feel free to contact me with any questions.

Sincerely,



Paul Lawrence

cc: Ben Williams  
Darryl Wells  
Change Order Pending File

PL/lj



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# JUDY Construction Co.

GENERAL CONTRACTORS

P.O. BOX 457 CYNTHIANA, KENTUCKY 41031  
Telephone (859) 234-6900 Fax (859) 234-3480  
www.judyconstructionco.com

December 15, 2015

GRW Engineers  
801 Corporate Drive  
Lexington, KY 40503  
Attn: Kurt Zehnder, P.E.

Ref: Town Branch Wet Weather Storage Facility  
Hydro Excavation  
Change Order Proposal # 10


Dear Mr. Zehnder,

We have prepared the following proposal for hydro excavation of the 36" modulating valve structure and the electrical conduit near the existing administration building. LFUCG agreed to cover the expense of this work to avoid damage to the existing utility lines in this area.

Hydro Excavate Electrical Conduit	\$1,185.00
Hydro Excavate Modulating Valve Structure	2,240.00
JCC Overhead and Profit	<u>514.00</u>
	\$3,939.00

Please add this proposal to the next change order. Feel free to contact me with any questions.

Sincerely,



Paul Lawrence

cc: Ben Williams  
Darryl Wells  
Change Order Pending File

PL/lj



# JUDY Construction Co.

GENERAL CONTRACTORS

P.O. BOX 457 CYNTHIANA, KENTUCKY 41031  
Telephone (855) 234-6900 Fax (859) 234-3480  
www.judyconstructionco.com

January 12, 2016

GRW Engineers  
801 Corporate Drive  
Lexington, KY 40503  
Attn: Kurt Zehnder, P.E.

Ref: Town Branch Wet Weather Storage Facility  
Add Structural Supports  
Change Order Proposal # 11

Dear Mr. Zehnder,

The following proposal is for the work done to add supports under the pump station baffle wall as directed in Field Order No. 10. We have documented our cost on the attached Force Account Work Order. All quantities have been agreed on with the on-site inspector.

Add Structural Supports for Field Order No. 10 \$12,793.55

If this proposal is acceptable, please add it to a future change order. Feel free to contact me with any questions you may have.

Sincerely,



Paul Lawrence

Attachment

cc: Ben Williams  
Darryl Wells  
Change Order Pending File

PL/lj







103 S CHURCH STREET  
 P.O. BOX 457  
 CYNTHIANA, KY 41031  
 859-234-6900 Fax 859-234-3480

No.

**FORCE ACCOUNT WORK ORDER**

DATE:

BASE JOB ORDER NO.:

201409

COST CODE:

P.O. or SUB NO.:

OWNER ORDER NO.

CHARGE TO:  
 LFUCG

LABOR				ACCOUNTING USE			
TRADE	ACTUAL HOURS	PREMIUM HOURS	TOTAL HOURS	HOURLY RATE	TOTAL WAGES	FRINGES & TAXES	
Foreman	38.0		38.0	\$39.96	\$1,518.48	\$455.54	
LABOR	78.0		78.0	\$30.76	\$2,399.28	\$719.78	
Operator	38.0		38.0	\$41.90	\$1,592.20	\$477.66	
			0.0		\$0.00		
<b>TOTAL LABOR CHARGES</b>					\$5,509.96	\$1,652.99	<b>\$7,162.95</b>

MATERIAL				UNIT TOTAL	UNIT PRICE	EXTENDED PRICE	
ITEM	QUANTITY	UNIT					
Concrete	6.0	CY		6.0	\$83.00	\$498.00	
Curing Compound	1.0	LS		1.0	\$50.00	\$50.00	
Forms	1.0	LS		1.0	\$300.00	\$300.00	
						\$0.00	
<b>TOTAL MATERIAL CHARGES</b>						\$848.00	
				SALES TAX @		\$50.88	<b>\$898.88</b>

EQUIPMENT - SUPPLIES - OTHER CHARGES				UNIT TOTAL	UNIT PRICE	EXTENDED PRICE	
ITEM	QUANTITY	UNIT					
Link-Belt LS118 Crane	1	WK		1.0	\$2,042.00	\$2,042.00	
Fuel, Oil, Maintenance	1	LS		1.0	\$1,021.00	\$1,021.00	
						\$0.00	
						\$0.00	
<b>TOTAL EQUIPMENT - SUPPLIES - OTHER CHARGES</b>							<b>\$3,063.00</b>

APPROVED BY: \_\_\_\_\_  
 OWNER - ARCHITECT - SUB

TOTAL COST		\$11,124.83
OVERHEAD @	10.00%	\$1,112.48
PROFIT @	5.00%	\$556.24

CHARGES TO THIS WORK ARE:

- COMPLETE  
 INCOMPLETE

TOTAL THIS INVOICE

**\$12,793.55**

BY: \_\_\_\_\_

# JUDY

Construction Co.  
GENERAL CONTRACTORS

P.O. BOX 457 CYNTHIANA, KENTUCKY 41031  
Telephone (859) 234-6900 Fax (859) 234-3480  
www.judyconstructionco.com

March 8, 2016

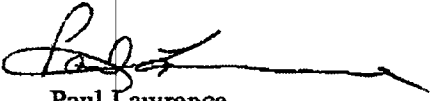
GRW Engineers  
801 Corporate Drive  
Lexington, KY 40503  
Attn: Kurt Zehnder, P.E.

Ref: Town Branch Wet Weather Storage Facility  
Additional Concrete  
Change Order Proposal # 12

Dear Mr. Zehnder,

We have placed additional concrete in the pump station wetwell per Field Order No. 16. I have attached the force account work order in the amount of \$1,968.10 to this proposal. Please add this to the next change order. Feel free to contact me with any questions you may have.

Sincerely,



Paul Lawrence

Attachment

cc: Ben Williams  
Darryl Wells  
Change Order Pending File

PL/lj



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103 S CHURCH STREET  
 P.O. BOX 457  
 CYNTHIANA, KY 41031  
 859-234-6900 Fax 859-234-3480

No. **23**

**FORCE ACCOUNT WORK ORDER**

DATE:

February 8, 2016

BASE JOB ORDER NO.:

201409

COST CODE:

P.O. or SUB NO.:

OWNER ORDER NO.

field order #16

CHARGE TO:

LFUCG

WORK AUTHORIZED:

Vernon Azevedo

LABOR				ACCOUNTING USE			
TRADE	ACTUAL HOURS	PREMIUM HOURS	TOTAL HOURS	HOURLY RATE	TOTAL WAGES	FRINGES & TAXES	
foreman	2.0		2.0	\$39.96	\$79.92	\$23.98	
operator	2.0		2.0	\$41.40	\$82.80	\$24.84	
6-Laborer-2hrs	12.0		12.0	\$30.76	\$369.12	\$110.74	
			0.0		\$0.00		
<b>TOTAL LABOR CHARGES</b>					\$531.84	\$159.55	<b>\$691.39</b>

MATERIAL				UNIT TOTAL	UNIT PRICE	EXTENDED PRICE	
ITEM	QUANTITY	UNIT					
4500 concrete	8.0	CY		8.0	\$83.00	\$664.00	
bonding agent				1.0	\$25.00	\$25.00	
curing compound				1.0	\$25.00	\$25.00	
						\$0.00	
<b>TOTAL MATERIAL CHARGES</b>						\$714.00	
				SALES TAX @		\$42.84	<b>\$756.84</b>

EQUIPMENT - SUPPLIES - OTHER CHARGES				UNIT TOTAL	UNIT PRICE	EXTENDED PRICE
ITEM	QUANTITY	UNIT				
Link-Belt 118	1.5	HR		1.5	\$110.00	\$165.00
Fuel, Oil, Maintenance	1	LS		1.0		\$90.75
						\$0.00
						\$0.00
<b>TOTAL EQUIPMENT - SUPPLIES - OTHER CHARGES</b>						<b>\$255.75</b>

APPROVED BY: \_\_\_\_\_  
 OWNER - ARCHITECT - SUB

TOTAL COST		\$1,703.98
OVERHEAD @	5.00%	\$85.20
PROFIT @	10.00%	\$178.92

CHARGES TO THIS WORK ARE:  COMPLETE  INCOMPLETE

TOTAL THIS INVOICE **\$1,968.10**

BY: \_\_\_\_\_

# JUDY Construction Co.

PO BOX 457 CYNTHIANA, KENTUCKY 41031  
Telephone (859) 234-6900 Fax (859) 234-3480  
www.judyconstructionco.com

April 12, 2016

RECEIVED  
APR 14 2016  
BY: \_\_\_\_\_

GRW Engineers  
801 Corporate Drive  
Lexington, KY 40503  
Attn: Kurt Zehnder, P.E.

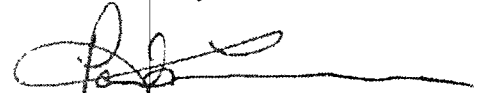
Ref: Town Branch Wet Weather Storage Facility  
Time Extension  
Change Order Proposal # 13

Dear Mr. Zehnder,

Please add 98 days to the contract time for work related to the Lorrillard Air Release Valve change order and inclement weather that has delayed construction activities for Crom and Judy Construction Company. This will extend the substantial completion date to October 31, 2016.

If this proposal is acceptable, please notify us and add it to the next change order. Feel free to contact me if you have any questions.

Sincerely,

  
Paul Lawrence

cc: Ben Williams  
Darryl Wells  
Change Order Pending File

PL/lj



Zehnder, Kurt

---

**From:** Paul Lawrence <plawrence@judyconstructionco.com>  
**Sent:** Friday, January 15, 2016 11:34 AM  
**To:** Zehnder, Kurt  
**Cc:** Ben Williams  
**Subject:** Lighting Credit

Kurt,

The total lighting credit will be 65,500.00. This includes material (lights and control panel) and labor to install. There is a 25,000.00 restocking fee for the lights and panel.

The lighting line item in the estimate includes some lights that are not included in the LED package.

The control panel was not preinstalled in the electrical building, so it can be returned and it is included in this credit.

Paul Lawrence  
Project Manager



PO Box 457  
Cynthiana, KY 41031  
Phone 859-234-6900  
Fax 859-234-3480  
[www.judyconstructionco.com](http://www.judyconstructionco.com)

# JUDY

Construction Co.  
GENERAL CONTRACTORS

P.O. BOX 457 CYNTHIANA, KENTUCKY 41031  
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www.judyconstructionco.com

April 12, 2016

GRW Engineers  
801 Corporate Drive  
Lexington, KY 40503  
Attn: Kurt Zehnder, P.E.

Ref: Town Branch Wet Weather Storage Facility  
Change Order Proposal # 14  
Ref: Field Order # 19

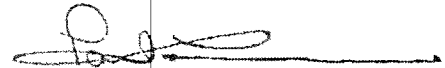
Dear Mr. Zehnder,

We have prepared the following proposal to make changes to the site lighting per Field Order No. 19:

6 each SL-1 fixtures & bases, 1 each SL-2 fixture and base conduit wiring and labor to install	\$39,300.
Credit for As Bid Lighting Package	<u>(65,600.)</u>
Total Credit	(\$26,300.)

If this proposal is acceptable, please notify us and add it to the next change order. Feel free to contact me with any questions.

Sincerely,



Paul Lawrence  
Project Manager

cc: Ben Williams  
Darryl Wells  
Change Order Pending File

PL/lj



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