

R-099-2017
 Original: R-135-2016
 Contract #: 050-2016

| LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONTRACT CHANGE ORDER Page 1 of 2 | | Date: | January 25, 2017 |
|--|---|--|----------------------------|
| | | Project: | Wolf Run WWS |
| | | Location: | 1104 Kilrush Drive |
| To (Contractor): Judy Construction Co. | | Contract No. | 170-2015 |
| | | Original Contract Amt. | \$4,740,000.00 |
| | | Cumulative Amount of Previous Change Orders | \$847,359.00 |
| | | Percent Change - Previous Change Orders | 17.88% |
| | | Total Contract Amount Prior to this Change Order | \$5,587,359.00 |
| | | Change Order No. | 5 |
| | | You are hereby requested to comply with the following changes from the contract plans and specification; | |
| Current Change Order | | | |
| Item No. | Description of changes-quantities, unit prices, change in completion date, etc. | Decrease in contract price | Increase in contract price |
| 1-1 | Credit for Stone Backfill Around Diversion Structure | \$4,036.00 | |
| 1-2 | 30-inch Hobbs 90° Fitting | | \$9,839.00 |
| 1-3 | Concrete Paved Entrance | | \$8,738.58 |
| 2 | Net Increase in Contract Time: 31 Days | | |
| | Total decrease | \$4,036.00 | |
| | Total increase | | \$18,577.58 |
| | Net Amount of this Change Order | \$14,541.58 | |
| | New Contract Amount Including this Change Order | \$5,601,900.58 | |
| | Percent Change - This Change Order | | 0.26% |
| | Percent Change - All Change Orders | | 18.18% |
| The time provided for the completion in the contract and all provisions of the contract will apply hereto. | | | |
| Recommended by _____ | | (Proj. Engr.) | Date _____ |
| Accepted by _____ | | (Contractor) | Date _____ |
| Approved by <i>Charles A. M... [Signature]</i> | | (Director) | Date <u>1/26/17</u> |
| Approved by _____ | | (Commissioner) | Date _____ |
| Approved by <i>Amin G... [Signature]</i> | | (Mayor or CAO) | Date <u>23-Feb-17</u> |

JUSTIFICATION FOR CHANGE

PROJECT: Wolf Run WWS

CONTRACT NO. 170-2015

CHANGE ORDER: 5

1. Necessity for change: See Attached.
2. Is proposed change an alternate bid? ___ Yes No
3. Will proposed change alter the physical size of the project? ___ Yes No
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? ___ Yes Not Necessary
6. Will this change affect expiration or extent of insurance coverage? ___ Yes No
If "Yes", will the policies be extended? ___ Yes No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: Net increase this Change Order: 31 Days.
Contract extended to January 31, 2017.



Mayor

Date

CHANGE ORDER

No. 5

DATE OF ISSUANCE December 7, 2016 EFFECTIVE DATE December 7, 2016

OWNER Lexington-Fayette Urban County Government

CONTRACTOR Judy Construction Company

Contract: Wolf Run Wet Weather Storage Facility

Project: Wolf Run Wet Weather Storage Facility

OWNER'S Contract No. WR-8; Bid No. 21-2015 ENGINEER'S Contract No. 200-11681-14002

ENGINEER Tetra Tech, Inc.

You are directed to make the following changes in the Contract Documents:

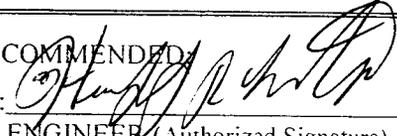
Description: See Attached Part 1

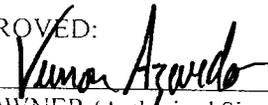
Reason for Change Order: Change requested by Contractor for credit for stone backfill around diversion structure, a 30-inch Hobas 90° pipe fitting, and a new concrete paved site entrance.

Attachments: (List documents supporting change) Part 1 – Contract Amount Changes; Part 2 – Time Extensions; change order proposal letters from Judy Construction Company

| CHANGE IN CONTRACT PRICE: |
|---|
| Original Contract Price: \$ <u>4,740,000</u> |
| Net Increase (Decrease) from Previous Change Orders No. <u>1</u> to <u>4</u> : \$ <u>847,359.00</u> |
| Contract Price Prior to this Change Order: \$ <u>5,587,359.00</u> |
| Net Increase (Decrease) of this Change Order: \$ <u>14,541.58</u> |
| Contract Price with all Approved Change Orders: \$ <u>5,601,900.58</u> |

| CHANGE IN CONTRACT TIMES: |
|---|
| Original Contract Times: <u>365 Days – April 20, 2016</u> (days or dates) |
| Net Change from Previous Change Orders No. <u>1</u> to No. <u>4</u> : <u>255 days</u> (days) |
| Contract Times Prior to this Change Order: <u>620 Days – December 31, 2016</u> (days or dates) |
| Net Increase (Decrease) this Change Order: <u>0 days</u> (days) |
| Contract Times with all Approved Change Orders: <u>620 days – December 31, 2016</u> (days or dates) |

RECOMMENDED:
By: 
ENGINEER (Authorized Signature)
DATE: 1-25-17

APPROVED:
By: 
OWNER (Authorized Signature)
DATE: 1-25-17

APPROVED:
By: 
CONTRACTOR (Authorized Signature)
DATE: 1/24/17



TETRA TECH

December 7, 2016

Vernon Azevedo, PE
Division of Water Quality
125 Lisle Industrial Avenue, Suite 180
Lexington, Kentucky 40511

Re: *Wolf Run Wet Weather Storage Facility
Lexington-Fayette Urban County Government*

Dear Mr. Azevedo:

Tetra Tech has reviewed the attached change order proposed by Judy Construction Company (Judy). The following is a description of the change order items and our recommendation for each item. Documentation and breakdowns of the change order requests are attached.

Item 1-1

Judy has provided a credit of **\$4,036.00** to LFUCG for the DGA that was removed from the Contract Documents as backfill around the diversion structure. The diversion structure is to be backfilled with lean concrete, due to the wet site conditions that have been encountered during construction. Based on Tetra Tech's estimates, this equates to approximately **\$29.68** per cubic yard for DGA. Tetra Tech recommends LFUCG approve this portion of the change order, as DGA was not used as a backfill around the diversion structure.

Item 1-2

Judy has provided a lump sum cost of **\$9,839.00** dollars for the 30-inch Hobas 90° Pipe Fitting which was approved to replace the existing manhole on the 30-inch influent gravity sewer line. Included in the material breakdown with the pipe fitting is a 30-inch Strongback Fernco Coupling and concrete encasement. See attached cost breakdown provided by Judy Construction Company. Tetra Tech recommends LFUCG approve this portion of the change order.

Item 1-3

Judy has provided a lump sum cost of **\$8,738.58** for the materials and labor associated with the installation of the new concrete paved site entrance. Tetra Tech recommends LFUCG approve this portion of the change order.

The total estimated cost of the change order is **\$14,541.58**. Please see the attached Change Order No. 5 provided for a unit price and quantity breakdown. The approved contract amount with this change order will be **\$5,601,900.58**.

Please call myself, or Steven Hoagland, at 859-223-8000 if you have any questions or need additional information.

Sincerely,

Herbert R. Lemaster, P.E.
Herb.lemaster@tetratech.com

cc: Steven Hoagland, Tt

P:\IER\11681\200-11681-14002\Construction\Change Orders\Change Order 5\LTR WVA Proposed Change Order 5.doc

Tetra Tech, Inc.

224 Lisle Industrial Circle, Suite 180, Lexington, KY 40511
Tel: 859-223-8000 Fax: 859-223-8001 www.tetratech.com

Change Order No. 5
Lexington-Fayette Urban County Government
Wolf Run Wet Weather Storage Facility

December 7, 2016

Part 1 – Contract Amount Changes

| Item | Description | Unit | Estimated Quantity | Unit Price | Total Price |
|--------------|--|-------------|---------------------------|-------------------|---------------------|
| 1-1 | Credit for stone backfill around diversion structure | LS | 1.0 | \$ (4,036.00) | \$ (4,036.00) |
| 1-2 | 30-inch Hobas 90° Fitting | LS | 1.0 | \$ 9,839.00 | \$ 9,839.00 |
| 1-3 | Concrete Paved Entrance | LS | 1.0 | \$ 8,738.58 | \$ 8,738.58 |
| Total | | | | | \$ 14,541.58 |

NOTES:

Item 1-1

Item 1-1 lists the credit amount of the labor, materials, and incidentals included in placing stone backfill around the diversion structure.

Item 1-2

Item 1-2 lists the material, labor, sales tax, overhead and profit associated with installing the 30-inch Hobas 90° Fitting which replaced the existing manhole on the 30-inch influent gravity sewer line. Also included in the materials breakdown is a 30-inch Strongback Fernco Coupling and concrete encasement. See attachment for cost breakdown.

Item 1-3

Item 1-3 lists the material and labor costs associated with installation of the new concrete paved site entrance at the Wolf Run Wet Weather Storage Facility.

**Change Order No. 5
Lexington – Fayette Urban County Government
Wolf Run Wet Weather Storage Facility**

December 7, 2016

Part 2 – Time Extensions

There are no time extensions requested.

JUDY

Construction Co.
GENERAL CONTRACTORS

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

May 16, 2016

Tetra Tech
424 Lewis Hargett Circle, Suite 110
Lexington, KY 40503
Attn: Herb Lemaster, P.E.

Ref: Wolf Run Wet Weather Storage Facility
Stone Backfill
COP # 10

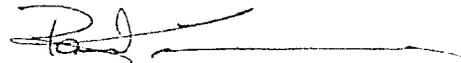
Dear Mr. Lemaster,

We have prepared the following proposal to provide a credit for the stone backfill at the diversion structure.

| | |
|------------------------------------|------------|
| 136 cy stone backfill @ \$29.68/cy | \$4,036.00 |
|------------------------------------|------------|

If this proposal is 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
COP File

PL/lj



Celebrating 40 Years of Business



JUDY

Construction Co.
GENERAL CONTRACTORS

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

August 5, 2016

Tetra Tech
424 Lewis Hargett Circle, Suite 110
Lexington, KY 40503
Attn: Herb Lemaster

Ref: Wolf Run Wet Weather Storage Facility
Gravity Sewer Line
Change Order # 12

Dear Mr. Lemaster:

We have prepared the following proposal to replace the existing manhole on the 30" influent gravity sewer line with a 30" HOBAS 90° and Strongback Fernco coupling.

| | |
|--------------------------------|-----------------|
| 30" Hobas 90° | \$5,250.00 |
| 30" Strongback Fernco coupling | 2,047.00 |
| Concrete Encasement | 775.00 |
| Sales Tax | <u>484.00</u> |
| | \$8,556.00 |
| Overhead & Profit | <u>1,283.00</u> |
| TOTAL | \$9,839.00 |

If this proposal is acceptable, please add it to our next change order. Feel free to call me if you have any questions.

Sincerely,



Paul Lawrence

cc: Ben Williams
Darryl Wells
Change Order Pending File

PL/lj



Celebrating 40 Years of Business



JUDY

Construction Co.
GENERAL CONTRACTORS

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

November 18, 2016

Tetra Tech
424 Lewis Hargett Circle, Suite 110
Lexington, KY 40503
Attn: Herb Lemaster

Ref: Wolf Run Wet Weather Storage Facility
Concrete Paved Entrance
Change Order # 14

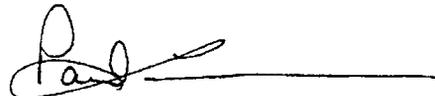
Dear Mr. Lemaster:

We have prepared the following proposal for the time and material work to install the new concrete paved entrance at the Wolf Run WWS Facility. I have attached the force account work order that documents our cost for this work.

| | |
|-----------------------------|------------|
| New Concrete Paved Entrance | \$8,738.58 |
|-----------------------------|------------|

If this proposal is acceptable, please add it to our next change order. Feel free to call me if you have any questions.

Sincerely,



Paul Lawrence

Attachment

cc: Ben Williams
Darryl Wells
Change Order Pending File

PL/lj



Celebrating 40 Years of Business





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

No. 1

FORCE ACCOUNT WORK ORDER

DATE: _____
 BASE JOB ORDER NO.: _____
 COST CODE: _____
 P.O. or SUB NO.: _____
 OWNER ORDER NO. _____

CHARGE TO:

| |
|--------------|
| Wolf Run WWS |
| |
| |
| |

WORK AUTHORIZED:

| |
|-------------------------|
| Concrete paved entrance |
| |
| |
| |

| LABOR | | | | ACCOUNTING USE | | | |
|----------------------------|--------------|---------------|-------------|----------------|-------------|-----------------|------------|
| TRADE | ACTUAL HOURS | PREMIUM HOURS | TOTAL HOURS | HOURLY RATE | TOTAL WAGES | FRINGES & TAXES | |
| Foreman | 20.0 | | 20.0 | \$39.40 | \$788.00 | \$236.40 | |
| Carpenter | 5.0 | | 5.0 | \$38.40 | \$192.00 | \$57.60 | |
| Laborer | 93.5 | | 93.5 | \$31.41 | \$2,936.84 | \$881.05 | |
| | | | 0.0 | | \$0.00 | | |
| TOTAL LABOR CHARGES | | | | | \$3,916.84 | \$1,175.05 | \$5,091.89 |

| MATERIAL | | | | | | | |
|-------------------------------|----------|------|--|-------------|------------|----------------|----------|
| ITEM | QUANTITY | UNIT | | UNIT TOTAL | UNIT PRICE | EXTENDED PRICE | |
| Concrete | 8.0 | CY | | 8.0 | \$88.00 | \$704.00 | |
| Small Tools | 1.0 | LS | | 1.0 | \$125.00 | \$125.00 | |
| | | | | | | \$0.00 | |
| | | | | | | \$0.00 | |
| TOTAL MATERIAL CHARGES | | | | | | \$829.00 | |
| | | | | SALES TAX @ | | \$0.00 | \$829.00 |

| EQUIPMENT - SUPPLIES - OTHER CHARGES | | | | | | | |
|---|----------|------|--|------------|------------|----------------|------------|
| ITEM | QUANTITY | UNIT | | UNIT TOTAL | UNIT PRICE | EXTENDED PRICE | |
| Backhoe | 2.5 | Days | | 2.5 | \$ 313.00 | \$782.50 | |
| Dump Truck | 1 | Day | | 1.0 | \$ 300.00 | \$300.00 | |
| Fuel Oil Maintenance | 1 | LS | | 1.0 | \$ 595.38 | \$595.38 | |
| | | | | | | \$0.00 | |
| TOTAL EQUIPMENT - SUPPLIES - OTHER CHARGES | | | | | | | \$1,677.88 |

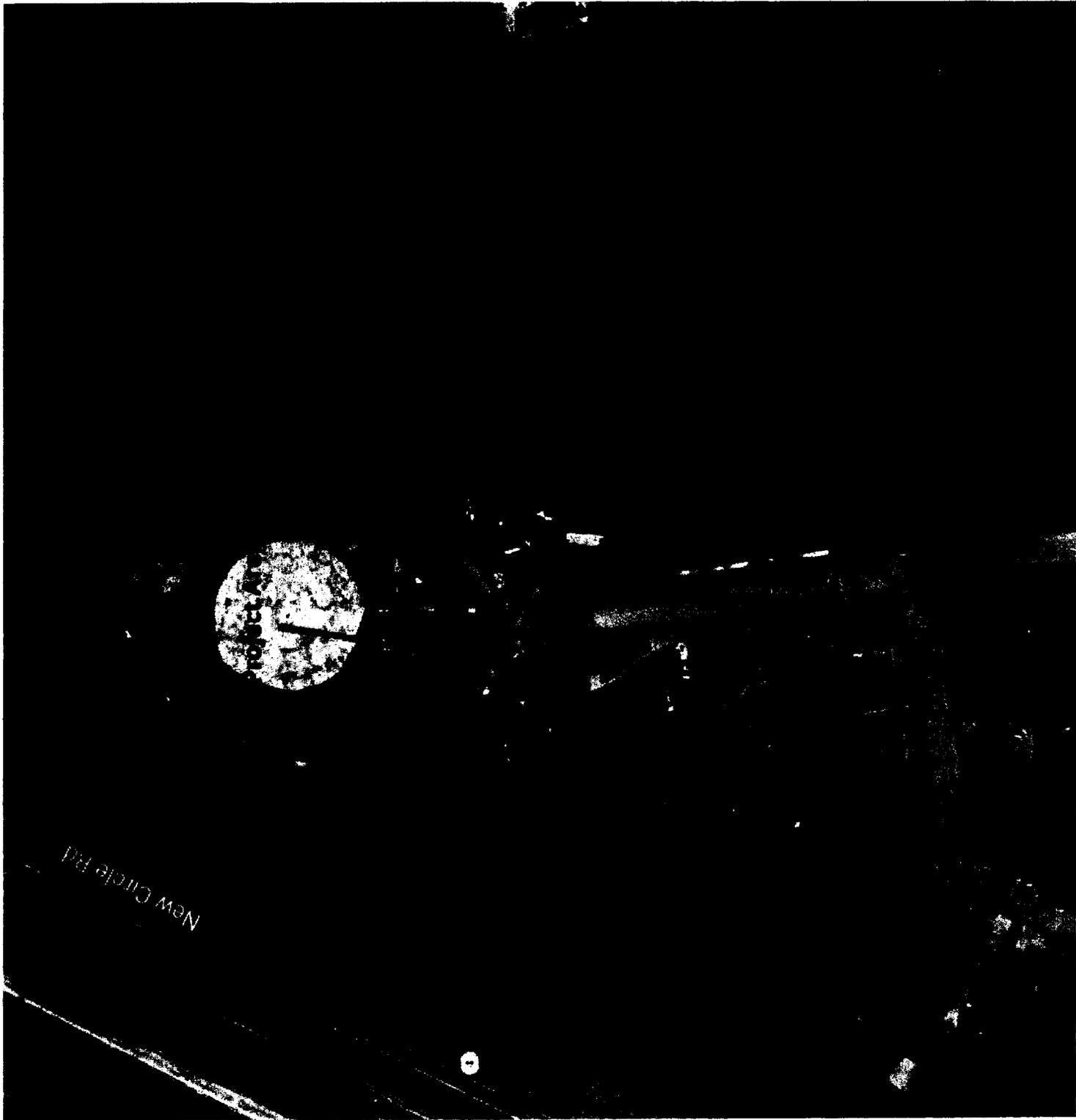
APPROVED BY: _____
 OWNER - ARCHITECT - SUB

CHARGES TO THIS WORK ARE: COMPLETE
 INCOMPLETE

| | | |
|---------------------------|--------|-------------------|
| TOTAL COST | | \$7,598.77 |
| OVERHEAD @ | 10.00% | \$759.88 |
| PROFIT @ | 5.00% | \$379.94 |
| Bond @ | 1.00% | \$87.39 |
| TOTAL THIS INVOICE | | \$8,738.58 |

BY: _____

Chad Holbrook - 20 hours
Randy Campbell - 5 hours
Daver Miller - 5 hours
Dustin Holbrook - 25 hours
Patrick Hunsaker - 10 1/2 hours
Jacob Hunkley - 25 hours
Ethan Arthur - 25 hours
Backhoe - 25 hours
8 Yards concrete
small tools
ruck - 10 hours



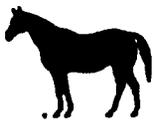
New Circle Rd

Lisa McFadden

From: Charles Martin
Sent: Friday, January 27, 2017 12:24 PM
To: Lisa McFadden
Subject: FW: Another blue sheet package for Law review
Attachments: SWQ22222517012615070.pdf

Law approval of Wolf Run WWS CO#5

Charles H. Martin, P.E.
Director, LFUCG Division of Water Quality
(859) 425-2455



LEXINGTON

From: Michael Cravens
Sent: Friday, January 27, 2017 9:23 AM
To: Dowell Hoskins-Squier; Commisioner EQ PW Exec Asst
Cc: Charles Martin
Subject: FW: Another blue sheet package for Law review

I have reviewed the attached. There are no legal issues with this change order.

Michael Cravens
Attorney Senior
Lexington-Fayette Urban County Government
Department of Law
200 E. Main Street
Lexington, KY 40507
Phone: (859)-258-3500
Fax: (859)-258-3538
E-mail: MCravens@lexingtonky.gov

NOTICE: THIS ELECTRONIC MAIL TRANSMISSION IS FOR THE USE OF THE NAMED INDIVIDUAL OR ENTITY TO WHICH IT IS DIRECTED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED OR CONFIDENTIAL. IT IS NOT TO BE TRANSMITTED TO OR RECEIVED BY ANYONE OTHER THAN THE NAMED ADDRESSEE (OR PERSON AUTHORIZED TO DELIVER IT TO THE NAMED ADDRESSEE.) IT IS NOT TO BE COPIED OR FORWARDED TO ANY UNAUTHORIZED PERSONS. IF YOU HAVE RECEIVED THIS ELECTRONIC MAIL TRANSMISSION IN ERROR, DELETE IT FROM YOUR SYSTEM WITHOUT COPYING OR FORWARDING IT, AND NOTIFY THE SENDER OF THE ERROR BY REPLYING VIA E-MAIL OR BY CALLING THE DEPARTMENT OF LAW AT (859) 258-3500, SO THAT OUR ADDRESS RECORD CAN BE CORRECTED.

From: Janet Graham
Sent: Thursday, January 26, 2017 4:12 PM
To: Michael Cravens
Cc: Dowell Hoskins-Squier; Commisioner EQ PW Exec Asst; David Barberie; Glenda George; Keith Horn
Subject: FW: Another blue sheet package for Law review

Michael, please review and thanks.

From: Commisioner EQ PW Exec Asst
Sent: Thursday, January 26, 2017 2:58 PM

MAYOR JIM GRAY



LEXINGTON

CHARLES MARTIN
DIRECTOR
WATER QUALITY

TO: Mayor Jim Gray
Urban County Council

FROM: Vernon Azevedo, P.E. 
Remedial Measures Program Manager

DATE: January 25, 2017

SUBJECT: Change Order #5 – Wolf Run Wet Weather Storage Facility

Request

The Division of Water Quality requests approval of Change Order #5 to Judy Construction Company increasing the cost of the Wolf Run Wet Weather Storage project, Resolution No. 170-2015 dated April 16, 2015.

Why are you requesting?

The requested change is for credit for stone backfill around diversion structure, adding a 30-inch Hobas 90° pipe fitting, and adding a new concrete paved site entrance. Project completion date to be extended to January 31, 2017, a net increase of 31 days.

What is the cost in this budget year and future budget years?

The change order results in an increase of \$14,541.58 to the contract. The revised contract amount including this change order will be \$5,601,900.58 representing an 18.18% increase of the original contract amount.

The cost for this FY is: \$14,541.58

The cost for future FY is: \$0

Are the funds budgeted?

The funds are budgeted or a budget amendment is in process: Yes

Account number: 4003-303408-3466-92811 2013 LFUCG WREQUALTNK_2013 CONSENT_DE

Director/Commissioner: Martin / Hoskins-Squier

