



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

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

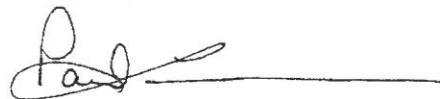
Dear Mr. Lemaster:

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			UNIT TOTAL	UNIT PRICE	EXTENDED PRICE	
ITEM	QUANTITY	UNIT				
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

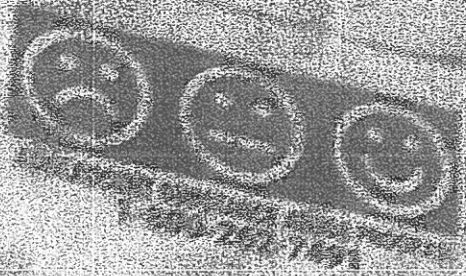
EQUIPMENT - SUPPLIES - OTHER CHARGES			UNIT TOTAL	UNIT PRICE	EXTENDED PRICE	
ITEM	QUANTITY	UNIT				
Backhoe	2.5	Days	2.5	\$ 313.00	\$782.50	
Dump Truck	1	Day	1.0	\$ 300.00	\$300.00	
Fuel Oil Maintenance	1	LS	1.0	\$ 595.38	\$595.38	
					\$0.00	
TOTAL EQUIPMENT - SUPPLIES - OTHER CHARGES						\$1,677.88

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 Combell - 5 hours

Dave Miller - 5 hours

Dustin Holbrook - 25 hours

Patrick Hunsaker - 11 1/2 hours

Jacob Hanky - 25 hours

Ethan Arthur - 25 hours

Backhoe - 25 hours

8 Yards concrete

Small tools

Dump truck - 10 hours

LS
LS

40
64
104

