



Department of PUBLIC WORKS

2232 E. Washington Street, East Peoria, IL 61611

Telephone: (309) 698-4715

Fax: (309) 698-4730

Commissioners

Dan Decker Mike Sutherland

TO: The Honorable Mayor and the City Council

THRU: Michael Sutherland, Commissioner of Public Property

FROM: Cord Crisler, Water and Wastewater Superintendent

DATE: June 12, 2020

SUBJECT: Phase C Clarification Equipment

DISCUSSION:

This resolution is regarding a revision to replace the original clarification equipment with new instead of refurbishing the original equipment. The original equipment is showing signs of heavy deterioration and repairs could prove to be fiscally challenging in the future. This full replacement will reduce future operational maintenance cost, equipment breakdowns and help ensure IEPA compliance.

RECOMMENDATION:

Approve invoice for Williams Brothers proposal in the amount of \$167,662.00

RESOLUTION NO. 2021-005

East Peoria, Illinois

_____ , 2020

RESOLUTION BY COMMISSIONER _____

**RESOLUTION ACCEPTING FOURTH CHANGE ORDER
FOR CITY'S SANITARY SEWER SYSTEM UPGRADE PROJECT
(PHASES A – C CONSTRUCTION PROJECT**

WHEREAS, the City of East Peoria currently operates a combined waterworks and sewerage system, which includes a sanitary sewer system, in accordance with the provisions of Division 139 of Article 11 of the Illinois Municipal Code (65 ILCS 5/11-139-1 *et seq.*); and

WHEREAS, the City has previously awarded a contract to Williams Brothers Construction Inc. (the "Contractor") for the construction of Phases A – C of the Sanitary Sewer System Upgrade Project; and

WHEREAS, a fourth change order has been requested for the Project for the revision to replace the original clarification equipment with new instead of refurbishing the original equipment due to heavy deterioration and repairs for this portion of the Project (the "Change Order") in the amount of \$167,662.00, as described in "Exhibit A", attached hereto and incorporated herein by reference; and

WHEREAS, the Change Order has been reviewed and approved by the City's Project Engineer (Farnsworth) and City Officials as being necessary improvements for the Project; and

WHEREAS, it is in the City's best interests to approve the Change Order for the betterment of the Sanitary Sewer System Upgrade Project;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF EAST PEORIA, TAZEWELL COUNTY, ILLINOIS, THAT:

Section 1. The above recitations are found to be true and correct and are incorporated herein.

Section 2. The Change Order for the Sanitary Sewer System Upgrade Project as set forth in Exhibit A in the amount of \$167,662.00 is hereby approved.

Section 3. The Mayor, or his designee, is hereby authorized to submit the proposed Change Order to the IEPA for approval and to execute any documentation necessary for the IEPA submission and review process.

Section 4. After receiving IEPA approval for the Change Order, the Mayor or his designee is authorized to execute any additional documentation required for effectuating the Change Order; provided, however, that the City shall have no obligation to the Contractor under this Resolution until such time as an executed Change Order has been delivered to the Contractor and IEPA approval has been obtained.

APPROVED:

Mayor

ATTEST:

City Clerk



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

Engineer's
Format

Contractor's / Subcontractor's Proposal Breakdown Summary

Date: 05/19/20

RFP No. 000

GENERAL CONTRACTOR P.O. Box 1366 / Peoria, IL 61654 / Phone (309) 688-0416 / Fax (309) 688-0891

Engineer

Farnsworth Group
2709 McGraw Drive
Bloomington, IL 61704

OWNER: City of East Peoria

PROJECT: Phase A, B, C
East Peoria, IL

WBCI Project # 518

I DESCRIPTION OF CHANGE:
Clarifier Work Credit

II SUMMARY OF DETAILED BREAKDOWN

	Additions	Deletions	Net Total
A. Material/Equipment	\$0.00	\$710.00	(\$710.00)
B. LABOR	\$0.00	\$4,137.12	(\$4,137.12)
C.	\$0.00	\$0.00	\$0.00
D. NET TOTAL		(A+B+C)	(\$4,847.12)
E. OVERHEAD AND PROFIT		(Line D x 15%)	\$0.00
F. TOTAL WORK PERFORMED BY CONTRACTOR		(Lines D + E)	(\$4,847.12)

III CONTRACTOR'S MARK-UP ON WORK OF SUBCONTRACTORS

Detailed Breakdowns and summaries from each contractor must be attached.

SUBCONTRACTOR: Firm Name	CONTRACT WORK: Description	PROPOSAL
1. GP Maintenancee	Elminate Blasting/Painting of Clarifiers	(\$48,000.00)
2.		\$0.00
3.		\$0.00
4.		\$0.00
5.		\$0.00
6.		\$0.00
G. SUBTOTAL of all work performed by contractor's subcontractors		(\$48,000.00)
H. CONTRACTOR'S MARK-UP on work of subcontractors	(Line G x 5%)	\$0.00
I. TOTAL WORK PERFORMED BY SUBCONTRACTOR	(Lines G + H)	(\$48,000.00)

J. PROPOSAL	(Lines F+I)	(\$52,847.12)
K. SUPPLEMENTAL COSTS		
1. SAFETY	(1% of LABOR)	(\$41.37)
2. EXPENDABLE TOOLS	(2.5% of LABOR)	(\$103.43)
L. BONDS	(0.5% of PROPOSAL)	(\$264.24)
M. OTHER REQUIRED INSURANCE	(0.25% of PROPOSAL)	(\$132.12)

IV TOTAL PROPOSAL

- N. TOTAL PROPOSAL for subject RFP ~~increase~~ (decrease) in contract amount (\$53,388)
- O. The work for this RFP will require an extension of time of 0 Calendar Days.
- P. All costs are valid for 30 days.

CONTRACTOR

(SIGNATURE).....

Nick Verardo

Title: Project Manager

Date: 05/19/20

O'BRIEN

STEEL

1700 NE Adams Street
PO Box 5699
Peoria, IL 61601-5699

Phone (309) 671-5800
Fax (309) 671-5213
www.obriensteel.com

Quotation

Reference

Our Quote Of 5/18/2020 (USD)
Cust ID/Ship-To

Issued from
O'Brien Steel Service Co
1700 NE Adams Street
PO Box 5699
Peoria, IL 61601-5699

Ship-To
Williams Bros Construction Inc
PO Box 1366
Peoria, IL 61654

Williams Bros Construction Inc
PO Box 1366
Peoria, IL 61654

(All prices exclude taxes.)

Terms Net 30, Check
Delivery Included
Our Truck

Inside	Dede Catton	(309) 282-7202	
Outside	Bob Friedrich	(309) 696-6054	
Taken-by Slip	Kay Scott	(309) 282-7212	
Purchased By	NICK VERARDO	(309) 688-0416	(309) 688-0891

General Remarks

Single beam lifts; Crane / Backhoe
Single beam lifts; Crane / Backhoe

Your PO

Item	Product	Price	Pcs	Qty
1	Plate A36 1/2" x 18" x 24"	37.02/EA	15	
			Item Total	555.30
Order Totals				1 Items
Tax Detail				919 LBS
Illinois				555.30
				49.98
Total Value (USD)				605.28

"Material is subject to prior sale. All quoted prices are valid for 24 hours."

"All orders are subject to acceptance by O'Brien Steel Service Co. and to our Terms & Conditions effective as of the date of the order, which Terms & Conditions are available on our website at www.obriensteel.com and are made a part hereof through this reference."



G.P. MAINTENANCE SERVICES, INC.

May 18, 2020

Nick Verardo
Williams Brothers Construction, Inc.
P.O. Box 1366
Peoria, IL 61654

Re: East Peoria WTP
Painting Work

Dear Mr. Verardo:

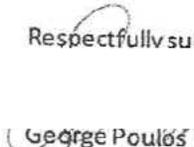
We propose the following credit to our contract for the omission of the sand blasting and painting of the two (2) clarifiers at plant number three.

Credit for each clarifier-TWENTY-FOUR THOUSAND and no/100 (\$24,000.00)

TOTAL CREDIT TO CONTRACT-FORTY-EIGHT THOUSAND and no/100 (\$48,000.00)

Thank you for the opportunity to work on this project.

Respectfully submitted


George Poulos
President

10512 South Michael Drive
Palos Hills, IL 60465
gpmaintsvcs@att.net
708 430 0469
708 430 5546-fax



Sales Quote

FAB TECH WASTEWATER SOLUTIONS LLC

24211 NW Service Road
Warrenton, MO 63383
314-333-1789
roger.roderick@fabtechwws.com

Quotation NO.
DATE 4/28/2020
CUSTOMER ID Williams Brothers Construction INC

TO: Bill Knapp
Williams Brothers Construction INC
P.O. Box 1366
Peoria IL 61654

JOB East Peoria IL		PAYMENT TERMS	
		Net 30	
DESCRIPTION	QUANTITY	AMOUNT	TOTAL
labor and material for 1 35' clarifier	2.00	\$72,000.00	\$144,000.00
Torque tube flanged	1.00		\$0.00
Center lower bearing	1.00		\$0.00
Lower truss scrapers	2.00		\$0.00
Lower neoprene squeegee sets	2.00		\$0.00
Tie bar and turnbuckle lt and rt truss	2.00		\$0.00
Influent well	1.00		\$0.00
Influent well support brackets wall mount	3.00		\$0.00
Scum pipe full radius double ended	1.00		\$0.00
Scum pipe flow tubes weld to existing wall pipe at outer wall	1.00		\$0.00
Scum pipe support bracket	1.00		\$0.00
Skimmer full radius with 12" rubber	1.00		\$0.00
			\$0.00
Bridge removal and repair supplied by williams bros.(in original scope)			\$0.00
Crane supplied by williams bros. (1 day demo 1 day install)			\$0.00
Demo and Installation included.	2.00	\$12,000.00	\$24,000.00
Galvanized complete included.			\$0.00
			\$0.00
ADD \$16,500.00 EACH FOR NEW DRIVE UNIT's			\$0.00
Total with new drive units and 2 complete clarifiers demo and installation. \$201,000.00			\$0.00
			\$0.00
LEAD TIME 2-3 WKS			\$0.00
		TOTAL DUE	\$168,000.00

Make all checks payable to FAB TECH WASTEWATER SOLUTIONS LLC. THANK YOU FOR YOUR BUSINESS!

QUOTE VALID FOR 30 DAYS

CITY OF EAST PEORIA
 SCHEDULE OF BILLS PAYABLE

WATER & SEWER
 INVOICES DUE ON/BEFORE 05/31/2017

ACCOUNT #	VENDOR NAME	DESCRIPTION OF PURCHASE	AMOUNT
50-51-0-052	ALTORFER	OIL FILLER CAP/SPARK PLUGS	310.35
	CENTRE STATE INTN'L TRUCKING	WATER PUMP	219.27
	GERMAN BLISS	MOWER MAINTENANCE	101.01
		MOWER REPAIRS	327.85
	E P TIRE & VULCANIZING	TRUCK #55 FLAT TIRE REPAIR	65.00
	INTERSTATE BATTERY SYSTEM OF	BATTERY	223.90
50-51-0-055	SPRINGFIELD ELECTRIC SUPPLY	HEAT SHRINK	56.88
50-51-0-070	MORTON COMMUNITY BANK	WALMART- 5 GAL WATER BOTTLE	35.96
50-51-0-080	ARMATURE MOTOR & PUMP CO	WWTP #1 GEARBOX	29,018.06
		REBUILT MOTOR	1,100.00
	G & K SERVICES	MISC SHOP SUPPLIES	50.37
	HACH COMPANY	PUMP TUBING/SILICONE	128.79
	LASER ELECTRIC INC	REPLACED CLARIFIER LIGHT	255.00
	MORTON COMMUNITY BANK	EBAY- AIR PUMP	99.99
	QUALITY WATER SOLUTIONS INC	FILTERS/TANK	361.00
	SMITH & LOVELESS INC	GASKET/IMPELLER KITS	217.33
	WAL-MART COMMUNITY	WATER/PAPER TOWELS/CLEANER	60.60
	ZEP MANUFACTURING CO	DISINFECTANT TOWELS	386.58
50-51-0-086	MORTON COMMUNITY BANK	MENARD'S- CL2 PIPE/FITTINGS	94.96
50-51-0-087	ROBBINS EXCAVATING INC	EXCAVATE DETENTION POND	380.00
	WASTE MANAGEMENT	SLUDGE PROCESSING FEE	2,258.20
50-51-0-102	WAL-MART COMMUNITY	LAB WATER	3.58
		WATER/PAPER TOWELS/CLEANER	28.99
	CERTIFIED BALANCE & SCALE CORP	SCALE CALIBRATION	1,115.00
50-51-0-115	US BANK/ VOYAGER FLEET SYSTEMS	4/17 GASOLINE SEWER	861.43
50-53-0-115	AG-LAND FS, INC.	4/17 DIESEL	1,365.60
50-53-0-127	BESSLER WELDING INC	MANHOLE LIFTER TOOL	133.35
	SUTHERLAND ACE HARDWARE	TIRE PUMP/CLIP BOARD/GAUGE	28.75
		MISC HARDWARE	22.96
		SPRING SNAP/CHAIN/SCREWS	43.06
50-53-0-201	SOUTHSIDE TRUST & SAVINGS	VACTOR TRUCK PRINCIPAL	6,222.27
50-53-0-240	SOUTHSIDE TRUST & SAVINGS	VACTOR TRUCK INTEREST	507.62
50-56-0-170	FARNSWORTH GROUP	WWTP #1/#3 UPGRADE DESIGN PH	140,078.00
50-57-0-253	ILLINOIS EPA	CILCO LN/KEAYES #27 PRINCIPAL	28,000.74
		CILCO LN/KEAYES #27 INTEREST	5,055.71
50-57-0-256	MORTON COMMUNITY BANK	AUTO-READ METER PRINCIPAL	12,870.42
		AUTO-READ METER INTEREST	2,722.55
DEPARTMENT TOTAL:			252,717.89

APPROVED FOR PAYMENT BY:

City of East Peoria - WWTP Improvements Phase A,B,C
 IEPA Loan
 May 26, 2020

CONSTRUCTION COSTS

Williams Brothers Construction, Inc.

<u>Pay Request</u>	<u>Date</u>	<u>Amount</u>
1	September 30, 2019	\$ 2,655,580.59
2	October 31, 2019	\$ 1,256,788.96
3	November 30, 2019	\$ 2,392,750.83
4	December 31, 2019	\$ 1,507,293.67
5	January 31, 2020	\$ 2,078,088.62
6	February 29, 2020	\$ 1,471,406.25
7	March 31, 2020	\$ 1,926,331.66
8	April 30, 2020	\$ 2,339,117.96
9	May 31, 2020	\$ 3,502,073.68
10		\$ -
11		\$ -
12		\$ -
13		\$ -
14		\$ -
15		\$ -
16		\$ -
17		\$ -
18		\$ -

Subtotal: \$ 19,129,432.22

Original Contract Amount:	\$ 36,580,000.00	-3% = \$1,097,400
Approved Change Orders:	\$ 259,905.14	← Amount used - 23.7%
Contract Amount To Date:	\$ 36,839,905.14	
Completed and Stored to Date:	\$ 21,254,924.69	
Less IEPA Unapproved Change Order Amount:		
Subtotal:	\$ 21,254,924.69	← Work Completed 23.7% = 57.6%
Less Retainage:	\$ (2,125,492.47)	
Total IEPA Eligible Amount:	\$ 19,129,432.22	

Amount of Contingency used after this change order: 41%





