



## CITY OF WASHINGTON, ILLINOIS

### City Council Agenda Communication

**Meeting Date:** August 7, 2023

**Prepared By:** Dennis Carr, P.E. – City Engineer  
Brian Rittenhouse – Public Works Director

**Agenda Item:** Bid Award – WTP2 Loop Water Main

**Explanation:** Water Treatment Plant #2 feeds the western half of the city. There is currently only one watermain that leaves the plant/tower to the system. If a watermain break would happen on this main, it would force half the city onto a boil order. The loop watermain project will add redundancy to the system and allow us to avoid the system wide boil order.

A bid opening took place on July 27, 2023 at City Hall with five bids submitted.

Stark Excavating – \$173,800.00

G.A. Rich & Sons – \$143,310.00

Hoerr Construction – \$204,800.00

Pipco Companies – \$187,000.00

**Walker Excavating – \$122,543.12\***

*Engineers Estimate – \$156,325.00*

**\*Walker Excavating also offered a material change to HDPE pipe that would reduce the cost another \$10,000**

**Fiscal Impact:** The FY 23-24 budget includes \$140,000 in Fund 500.

**Recommendation Summary:** Staff recommends the approval of a contract award for the loop watermain work for an amount not to exceed \$ 122,543.12. Staff also recommends the material change to reduce the cost by \$10,000.

**Action Requested:** Approval of Contract Award to Walker Excavating Co, Inc to perform the base bid project.



July 28th, 2023

Dennis Carr  
City Engineer  
City of Washington  
301 Walnut Street  
Washington, IL 61571

Dear Mr. Carr:

RE: WTP #2 – Loop Watermain Extension Project  
Bids Evaluation and Letter of Recommendation  
CMT Project No. 23004568-00


The five bids received for the above referenced project were opened on Thursday, July 27th, 2023, at 10:00 A.M. at City Hall. The apparent low bidder was Walker Excavating Co. of Peoria, Illinois with a base bid amount of \$122,543.12. A copy of the Tabulation of Bids Received is enclosed. The bid is 22% lower than the Engineer's Opinion of Probable Construction Costs (\$156,325.00). The two (2) lowest bids were within 14% of each other. It is our opinion that the city received competitive bids for the project.

Walker Excavating Co. has successfully completed projects in the area in the past. Therefore, we recommend the city award the WTP #2 – Loop Watermain Extension Project to Walker Excavating Co. for the bid amount of \$122,543.12. Walker Excavating Co. submitted the necessary documentation required by the Contract Documents. Copies of the bid forms received from the bidders are being forwarded to City under a separate transmittal. Please note that the bid bond for G.A. Rich & Sons, Inc. will be retained until an executed agreement with Walker Excavating Co. is completed. The bid bonds of all other bidders will be returned.

We also recommend that the city accept the proposed material substitution for a savings of \$10,000.00. The substitution proposes to utilize HDPE DR 11 pipe for the entire project installed via directional drill methods. A proposed change order is enclosed.

We appreciate the opportunity to continue to assist you with this project. If you have any questions about the information above, please feel free to contact me.

Sincerely,  
**CRAWFORD, MURPHY & TILLY, INC.**

  
Scott Desplinter  
Project Engineer


Enclosures

BID TABULATION  
PROJECity of Washington  
WTP 2 - Loop Watermain Extension

DATE, TIME AND PLACE: Bids Received on or before July 27, 2023 at 10:00 am by the City of Washington, City Hall, 301 Walnut Street, Washington, Illinois 61571

ITEM NO.	DESCRIPTION	UNIT	BID QUANTITY	ENGINEER'S OPC		Stark Excavating, Inc. 1805 W. Washington St. Bloomington, IL 61701		G.A. Rich & Sons, Inc. 204 S Perry St P.O. Box 50 Deer Creek, IL 61723		Hoerr Construction, Inc. 1416 County Road 200 N Goodfield, IL 61742		The Pipco Companies, LTD 1409 W. Altorfer Drive Peoria, IL 61615		Walker Excavating Co INC 3222 W Farmington Rd Peoria, IL 61604	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	8" Diameter PVC C900 Watermain, BFM 2	L.F.	193	\$225.00	\$43,425.00	\$132.97	\$25,663.21	\$183.00	\$35,319.00	\$300.00	\$57,900.00	\$241.95	\$46,696.35	\$160.53	\$30,982.29
2	8" Diameter PVC C900 Watermain, BFM 4	L.F.	16	\$350.00	\$5,600.00	\$0.00	\$0.00	\$686.00	\$10,976.00	\$50.00	\$800.00	\$402.15	\$6,434.40	\$151.40	\$2,422.40
3	8" Diameter PVC C900 Watermain with 16" Certalok Restrained Joint PVC Casing, HDD	L.F.	84	\$700.00	\$58,800.00	\$911.45	\$76,561.79	\$934.00	\$78,456.00	\$1,350.00	113400	\$960.85	\$80,711.40	\$707.16	\$59,401.44
4	Connection to Existing Watermain, Not Under Pressure	E.A.	1	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$1,500.00	\$1,500.00	\$4,700.00	4700	\$6,880.00	\$6,880.00	\$4,213.60	\$4,213.60
5	Connection to Existing Watermain, Under Pressure	E.A.	1	\$15,000.00	\$15,000.00	\$9,500.00	\$9,500.00	\$818.00	\$818.00	\$9,700.00	9700	\$24,050.00	\$24,050.00	\$9,523.15	\$9,523.15
6	8" Gate Valve and Box	E.A.	1	\$6,500.00	\$6,500.00	\$2,800.00	\$2,800.00	\$3,508.00	\$3,508.00	\$3,000.00	3000	\$4,280.00	\$4,280.00	\$2,800.25	\$2,800.25
7	Fire Hydrant Assembly	E.A.	1	\$10,000.00	\$10,000.00	\$8,400.00	\$8,400.00	\$9,233.00	\$9,233.00	\$9,600.00	9600	\$9,360.00	\$9,360.00	\$9,280.50	\$9,280.50
8	Abandonment of Existing Watermains, Valves, Hydrants, Service Connections	L.S.	1	\$2,000.00	\$2,000.00	\$800.00	\$800.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$5,370.00	\$5,370.00	\$0.86	\$0.86
9	Traffic Control and Protection	L.S.	1	\$10,000.00	\$10,000.00	\$42,575.00	\$42,575.00	\$3,000.00	\$3,000.00	\$4,700.00	\$4,700.00	\$3,217.85	\$3,217.85	\$3,918.63	\$3,918.63
TOTAL BASE BID AMOUNT				\$156,325.00		\$173,800.00		\$143,310.00		\$204,800.00		\$187,000.00		\$122,543.12	

I, SCOTT L. DESPLINTER, CERTIFY THIS BID TABULATION TO BE A TRUE AND ACCURATE SUMMARY OF THE BIDS RECEIVED FOR THIS PROJECT.

  
SCOTT L. DESPLINTER, P.E.  
PROJECT MANAGER

7/28/2023

Change Order No. 01

Date of Issuance: 8/11/2023  
Owner: City of Washington  
Contractor: Walker Excavating Company  
Engineer: Crawford, Murphy & Tilly, Inc.  
Project: WTP 2 – Loop Watermain Extension

Effective Date:  
Owner's Contract No.:  
Contractor's Project No.:  
Engineer's Project No.: 22004568-00  
Contract Name:

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

Description: Utilize 8" HDPE DR11, encased under Route 24 in 12" Certalok PVC Pipe. All pipe installed via Horizontal Directional Drill methods.

Attachments:

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price:  \$ <u>122,543.12</u>	Original Contract Times: Substantial Completion: <u>60</u> Ready for Final Payment: <u>90</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. <u>0</u> to No. <u>0</u> :  \$ <u>0.00</u>	[Increase] [Decrease] from previously approved Change Orders No. <u>0</u> to No. <u>0</u> : Substantial Completion: <u>0</u> Ready for Final Payment: <u>0</u> days
Contract Price prior to this Change Order:  \$ <u>122,543.12</u>	Contract Times prior to this Change Order: Substantial Completion: <u>60</u> Ready for Final Payment: <u>90</u> days or dates
Decrease of this Change Order:  \$ <u>10,000.00</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>0</u> Ready for Final Payment: <u>0</u> days or dates
Contract Price incorporating this Change Order:  \$ <u>112,543.12</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>60</u> Ready for Final Payment: <u>90</u> days or dates

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u>Scott DeSplinter (CMT)</u> Engineer (if required)	By: _____ Owner (Authorized Signature)	By: _____ Contractor (Authorized Signature)
Title: <u>Group Manager</u>	Title: _____	Title: _____
Date: <u>8/1/2023</u>	Date: _____	Date: _____