

Ordinance No. 111 – 2022

Accepting The Bid Of Kirk Bros. Co., Inc., 1700 Fostoria Avenue, Suite 800, Findlay, Ohio 45840 For Furnishing Labor, Materials And Equipment For The Oregon Wastewater Treatment Plant (WWTP) Safety, Disinfection and Grit Removal Improvement Project; Authorizing The Mayor, Director Of Public Service And Finance Director To Enter Into A Contract With Said Contractor; And Declaring An Emergency

Summary And Background

The City of Oregon has determined that it is necessary to construct the Oregon Wastewater Treatment Plant (WWTP) Safety, Disinfection and Grit Removal Improvement Project to enhance effluent water quality, increase safety and process performance, and reduce public health risks to the surrounding community.

The project will consist of replacing the existing chlorine disinfection process with ultraviolet (UV) disinfection, making improvements to the existing grit removal system, and adding safety measures around fall hazards within the plant, such as aeration tanks, final clarifiers and aerobic digesters.

The project will be funded with a \$900,000 grant and \$900,000 0% loan (maximum) from the Ohio Public Works Commission (OPWC) and a low interest loan through the Water Pollution Control Loan Fund available through the Ohio Environmental Protection Agency (OEPA) Division of Environmental And Financial Assistance.

Ordinance No. 1-2022 passed by Oregon City Council on January 10, 2022, authorized the Director of Public Service to take bids for projects, such as the Wastewater Treatment Plant (WWTP) Safety, Disinfection and Grit Removal Improvement Project.

Bids were advertised in accordance with law and were received and opened on May 24, 2022.

Oregon City Council has provided funding in the approved 2022 C.I.P. Municipal Budget in Account 356.7707.57722 for the said project. **Now, Therefore,**

Be It Ordained By The Council Of The City Of Oregon, Ohio, That:

"Exh. b. + A"



Mr. Paul Roman, P.E.
Director of Public Service
5330 Seaman Road
Oregon, Ohio 43616

Arcadis U.S., Inc.
One SeaGate
Suite 700
Toledo
Ohio 43604
Phone: 419 473 1121
www.arcadis.com

Date: May 26, 2022
Our Ref: 30061780
Subject: Oregon WWTP Safety, Disinfection & Grit Removal Improvements
Bid Evaluation and Recommendation on Award

Dear Mr. Roman,

The advertisement for bids for the Wastewater Treatment Plant Upgrades was issued on May 1 and bids were received until 2:00 p.m. on May 24, 2022. The City received four bids with Kirk Bros. Co., Inc. of Findlay, Ohio submitting the low bid of \$5,627,000.00. Bid results are summarized below and in the enclosed bid tabulation.

Bidder	Bid Total
Kirk Bros. Co., Inc.	\$5,627,000.00
Mosser Construction, Inc.	\$5,659,500.00
Shook Construction Co.	\$6,202,400.00
Kokosing Industrial, Inc.	\$6,990,000.00

We found the bid documents submitted by Kirk Bros. Co., Inc. to be responsive and complete. Kirk Bros. Co. Inc.'s previous projects for the City of Oregon include the Water Treatment Plant Equipment Replacement Project (1997) and the Water Treatment Plant Phase 1 Filter Addition (1999). Their bid listed 12 ongoing construction projects including the following in this area: Swanton WTP RO Membrane, Napoleon WWTP, Bowling Green WPCF Improvements, and Fostoria LTCP Improvements Phase 1. Based on our review of the bid, we can see no reason why the contract should not be awarded to Kirk Bros. Co., Inc.

We spoke with Tim Phlipot of Kirk Bros. on May 25 regarding the bid and construction plans moving forward. Construction material prices are very volatile and the supply chain has had a significant impact on the availability of certain materials. He noted their biggest concern is the 67-week delivery time for the electric transformers needed to complete the ultraviolet (UV) disinfection improvements. The other three bidders expressed similar concerns with transformer delivery timeframes prior to the bid. With delivery of the transformers in the fall of 2023, the UV system improvements will need to be completed between November 1, 2023 and April 30, 2024. The final project completion will likely need to be extended to June 30, 2024.

Kirk Bros. Co., Inc.'s bid included the City of Oregon's Best Bid Criteria Form. The City reviewed and approved the Best Bid Criteria on May 26, 2022.

Since the project is contingent upon the City of Oregon receiving a loan from the Ohio EPA Water Pollution Control Loan Fund Program, the following information must be submitted to the Ohio EPA Division of Environmental and Financial Assistance (DEFA) for contract endorsement:

Mr. Paul Roman, P.E.
May 25, 2022

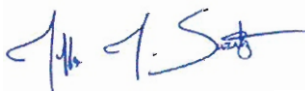
1. Copy of addenda
2. Copy of successful bidders' proposals
3. Bid tabulation
4. Copy of this correspondence
5. Contractor EEO Certification Form
6. Certification Regarding Debarment, Suspension, and Other Responsibility Matters (EPA Form 5700-49)
7. DBE Utilization forms
8. Signed American Iron and Steel Acknowledgement form
9. Letter of intent from City of Oregon tentatively awarding the contract to the successful bidder, subject to WPCLF approval
10. Site title opinion stating that all sites, easements and/or right-of-way necessary to construct the project have been acquired. The City previously submitted this document with the WPCLF loan application.

Following the City's decision regarding the award of the project, we will submit Item Nos. 1 thru 8 directly to Ohio EPA DEFA for review and endorsement. We request that the City submit Item No. 9 (letter of intent to award) to the Ohio EPA DEFA when available. The WPCLF loan closing for this project is currently scheduled for June 30, 2022. To maintain this schedule, Ohio EPA has said that all documents must be complete and submitted to Ohio EPA by May 1, 2022.

Since funding assistance is also being provided by the Ohio Public Works Commission (OPWC) Program, the project must follow OPWC approval procedures. OPWC Request to Proceed forms must be submitted for execution. Please confirm the City plans to submit these forms or let us know if assistance is needed.

Please let us know if you have any questions or need additional information.

Sincerely,
Arcadis U.S., Inc.



Jeffrey J. Swartz, PE
Project Manager

Email: jeffry.swartz@arcadis.com
Direct Line: 419.213.1648
Mobile: 419.450.4316

CC. Mr. John Motycka

Enclosure: Bid Tab

CITY OF OREGON
 WWTP SAFETY, DISINFECTION, AND GRIT REMOVAL IMPROVEMENTS
 2:00 P.M., LOCAL TIME
 TUESDAY, MAY 24, 2022
 TO000857.A001

ARCADIS
 One Seagate, Suite 700
 Toledo, OH 43604

Kirk Bros. Co., Inc. 1700 Fostoria Ave., Suite 600 PO BOX 390 Findlay, OH 45839 419.595.4020	Mosser Construction, Inc. 122 S. Wilson Avenue Fremont, OH 43420 419.334.3801	Shook Construction Co. 6860 W. Snowville Road, Suite 100 Brecksville, OH 44141 440.838.5400	Kokosing Industrial, Inc. 6235 Westerville Road Westerville, OH 43081 614.212.5700
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ITEM NO.	DESCRIPTION	ESTIMATED UNITS	UNIT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	Item 1: Lump Sum Bid Price for Waste Water Treatment Plant Safety, Disinfection, and Grit Removal Improvements	1	LS		\$5,498,000.00		\$5,555,000.00		\$6,086,575.00		\$6,881,000.00
2	Item 2: System Integration Services Cash Allowance	1	LS	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00
Unit Price Bid Items											
A1	Additional Excavation	50	Yd ³	\$40.00	\$2,000.00	\$20.00	\$1,000.00	\$50.00	\$2,500.00	\$20.00	\$1,000.00
A2.1	Additional CDFII	50		\$380.00	\$19,000.00	\$120.00	\$6,000.00	\$179.00	\$8,950.00	\$100.00	\$5,000.00
A2.2	Additional Sand Fill	50	Yd ³	\$60.00	\$3,000.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$80.00	\$4,000.00
A3	Additional Class "A" Concrete	25	Yd ³	\$640.00	\$16,000.00	\$200.00	\$5,000.00	\$500.00	\$12,500.00	\$400.00	\$10,000.00
A4	Additional Reinforcing Steel	2,500	Lbs.	\$1.60	\$4,000.00	\$2.00	\$5,000.00	\$1.75	\$4,375.00	\$1.60	\$4,000.00
Total of All Unit Price Bid Items											
Total of Lump Sum and Unit Price Bids = Total Bid Price					\$5,627,000.00		\$5,659,500.00		\$6,202,400.00		\$6,990,000.00

Water Pollution Control Loan Fund

Exhibit 1

Project Name: WWTP Safety, Disinfection, and Grit Removal Improv Project

Borrower: Oregon

Address: 5330 Seaman Road

City & State: Oregon, OH

Loan Number: CS390721-0028

Zip Code: 43616

Borrower's Authorized Representative: Michael Beazley

Phone: (419) 698-7095

Project Description

The Oregon WWTP Safety, Disinfection, and Grit Removal Improvement Project will replace the existing chlorine disinfection process with UV disinfection, make improvements to the existing grit removal system, and add safety measures within the plant.

Cost Data

Activities	Eligible	OPWC	Total Project Cost
Technical Services			
Administration	\$12,521.44	\$3,825.00	\$16,346.44
Engineering Services	\$653,643.50	\$72,891.00	\$726,534.50
Construction			
Kirk Brothers Co., Inc. - WWTP Safety, Disinfection and Grit Removal Project	\$4,310,282.00	\$1,316,718.00	\$5,627,000.00
Other Costs			
Contingency	\$657,994.00	\$201,006.00	\$859,000.00
Planning	\$111,070.00	\$33,930.00	\$145,000.00
Design	\$490,623.00	\$149,877.00	\$640,500.00
Total Estimated Cost	\$6,236,133.94	\$1,778,247.00	\$8,014,380.94

WPCLF Loan Information

Interest Rate:	2.23%	Principal Amount:	\$6,236,133.94
Term in Years:	20.0	Interest:	\$1,527,824.86
Number of Payments:	40	Total Cost of Borrowing:	\$7,763,958.80
Participation Rate:	0.0311249	Payment:	\$194,098.97

Project Schedule

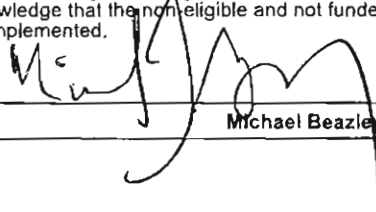
Application Date:	02/02/2022	Initiation of Operation:	01/01/2025
Resolution Date:	01/24/2022	Date of Initial Payment:	07/01/2025
Performance Certification:	01/01/2026		

Pledged Revenues

Section 603(d)(1)(C) of the Clean Water Act requires one or more dedicated sources of revenue for repayment of the loan. The following information specifies those sources

Revenue Source	
Special Assessments	
General Taxes	
Wastewater Service Charge	\$7,763,958.80
Other:	
Total	\$7,763,958.80

To the best of my knowledge and belief, the information contained on this exhibit represents the actual project costs being requested from the WPCLF. I hereby acknowledge that the non-eligible and not funded costs identified above, if any, will be provided from sources other than the WPCLF as to allow the project to be fully implemented.



Michael Beazley

6-15-22

Date