

Jefferson County
Board of Commissioners
Agenda Request

To: Board of Commissioners
Mark McCauley, County Administrator

From: Monte Reinders, Public Works Director/County Engineer 

Agenda Date: October 9, 2023

Subject: Call for Bids, Phase 2 - Membrane Bioreactor Wastewater Treatment Plant for the Port Hadlock Sewer

Statement of Issue:

The Board is requested to call for bids for the above-referenced work.

Analysis/Strategic Goals/Pro's & Con's:

This work is to construct a new maximum month 90,000 gallons per day (gpd) Membrane Bioreactor Wastewater Treatment Plant (MBR WWTP). The work includes the construction of an approximate 2,500 square foot (SF) MBR canopy building for the membrane bioreactor treatment system (furnished by Ovivo); an approximate 1,800 SF administration building; an approximate 1,200 SF metal building to house chemical and electrical equipment; influent equalization tank; influent and yard pumping stations; and installation of an odor control facility; influent coarse screen; two (2) 15 cubic yards (CY) dewater bins with an ancillary polymer system; aeration system; and process water standpipe. The work also includes construction of the site driveway; concrete sidewalk; stormwater facilities; site piping; site lighting; fencing; plant electrical system; standby generator; and fuel tank.

This work will occur in late winter 2024. Additionally, the low-pressure sewer collection system is scheduled to bid in November 2023 and construction of the first 24 on-site grinder pump connections in January 2024.

Fiscal Impact/Cost Benefit Analysis:

The Engineer's estimate is approximately \$7,000,000.00 plus Washington State sales tax. Funding for this work (and subsequent work) will come from a \$20 million WA State legislative appropriation received in September 2021. WA state received these funds through the American Rescue Plan Act (ARPA), State and Local Fiscal Recovery Funds. The Board signed a contract with the WA Dept. of Commerce for this funding in December 2022. No County match is required, although the County is using its own ARPA money to cover ancillary project costs including design, right of way, and project management.

The County has received additional funding through federal legislative appropriations (EPA Community Grants) and from the WA Dept. of Ecology which, while not used for this current work, will be adequate to complete construction of the Port Hadlock Wastewater project in the Phase I "Core Area".

Recommendation:

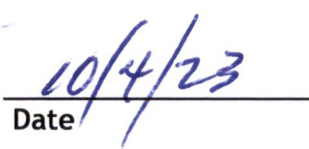
Please approve and sign the Call for Bids which will allow Public Works to begin advertising. Bid opening is scheduled for November 16, 2023.

Department Contact: Samantha Harper, P.E., (360) 385-9175

Reviewed By:



Mark McCauley, County Administrator



Date

SECTION 001100 - NOTICE TO CONTRACTORS - CALL FOR BIDS

Phase 2 – Membrane Bioreactor Wastewater Treatment Plant for Port Hadlock UGA County Project No. 405-2114-0 Commerce Project No. 22-96515-026

Notice is hereby given that the Board of County Commissioners of Jefferson County, State of Washington, will receive sealed bids until **9:30 a.m. on November 16, 2023** at the Office of the County Commissioners, basement level of the Jefferson County Courthouse, 1820 Jefferson Street, P.O. Box 1220, Port Townsend, Washington, 98368, for construction of Phase 2 – Membrane Bioreactor Wastewater Treatment Plant for Port Hadlock UGA, County Project No. 405-2114-0. Sealed bids will be opened and read publicly at **10:00 a.m., or shortly thereafter**, on the same day in the Jefferson County Commissioners Chambers, basement level of the Jefferson County Courthouse. Interested persons can attend the bid opening.

Project Description: The Work of the project consists of the construction of a new max month 90,000 gpd Membrane Bioreactor Wastewater Treatment Plant (MBR WWTP) as follows:

- Connect into existing two (2) 6-inch influent pressure sewer pipelines and one (1) existing 10-inch effluent sewer piping to termination points within the MBR WWTP site.
- Construct WWTP site which includes: driveway; concrete sidewalk; stormwater piping and infiltration swales; site piping; site lighting; and fencing.
- Install odor control biofilter system and associate ancillary equipment.
- Construct and install equipment pad for two (2) 15 CY dewater bins with an ancillary polymer system.
- Construct influent equalization tank, pumping station, and aeration system, and purchase and install a coarse screen at the headworks of the influent equalization tank.
- Construct an approximate 1,200 SF metal building to house chemical, plant water pump station and standpipe, and electrical equipment.
- Install drain pump station and associated valves, piping and metering vaults.
- Construct an approximate 2,500 SF MBR canopy building for the membrane bioreactor treatment system furnished by Ovivo and ancillary equipment. Construct crane lift and support structure within the MBR canopy building.
- Install owner provided MBR skids.
- Construct approximate 1,800 SF administration building with associated building mechanical and electrical.
- Provide plant electrical system including power supply and distribution, standby generator and fuel tank, duct banks, site lighting, instrumentation.
- Coordinate start-up and all testing with Ovivo, Owner's membrane supplier, Owner's on-site grinder pump sewer contractor and Owner's SCADA and integration company; and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

Engineer's Estimate: \$7,000,000.00 plus WSST.

Bid Documents: Bids must be submitted in accordance with the plans and specifications in the bid documents. All bid documents including bid forms, plans, specifications, addenda, and plan holders list, are available on the Builders Exchange of Washington website www.bxwa.com. Click "**Posted Projects**",

"Public Works," "Jefferson County Public Works" "Projects Bidding," and "Project Bid Date." Bidders must **"Register as a Bidder,"** to receive automatic e-mail notification of future addenda and to be placed on the **"Bidders List."** Call BXWA at (425) 258-1303 if you need assistance.

Non-Mandatory Pre-Bid Site Walkthrough: Contractors may attend a pre-bid site walkthrough prior to submitting a bid for this project. Pre-bid walk throughs will occur at 236 Lopeman Road, Port Hadlock, WA 98339 on the following dates/times:

Tuesday October 31, 2023 at 10:00 a.m.

Thursday November 2, 2023 at 1:00 p.m.

Bid Bond: Each bid shall be accompanied by a surety bond, postal money order, or certified check payable to the Treasurer of Jefferson County in the sum of five (5%) percent of the bid amount, to be forfeited to Jefferson County by the successful bidder if he/she fails to enter into a contract and file an acceptable surety bond in the amount of 100% of the contract price within ten (10) days of the award. The Board of County Commissioners reserves the right to reject any and all bids, and to accept the bid deemed most advantageous to Jefferson County, and to waive all informalities in the bidding.

License: All contractors must be licensed in the State of Washington to conduct business.

Equal Opportunity: The Jefferson County Public Works in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252.42 U.S.C. 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

Funding: This project is funded through the Washington State Department of Commerce with federal funds from the U.S. Treasury ARPA SLRF Project No. 22-96515-026. All work performed on this project will be subject to state prevailing wage rates. Jefferson County is an Equal Opportunity and Affirmative Action Employer. Contractors are encouraged to commit to local hires for this project. Small, Minority- and Women-Owned firms are encouraged to submit bids.

Dated this _____ day of _____, 2023.

BOARD OF JEFFERSON COUNTY COMMISSIONERS

Greg Brotherton, Chair