



Public Works Utility Operations Department

DATE: September 14, 2020

FROM: Michelle Klose, Utility Operations Director *MK*

ITEM: Bid Award for construction of the Wastewater Treatment Plant Phase 4 Dewatering and Disinfection

REQUEST

Request for approval to award the bid for construction of the Wastewater Treatment Plant Phase 4 Dewatering and Disinfection.

Please place this item on the 9/22/2020 City Commission meeting agenda.

BACKGROUND INFORMATION

Public Works Utility Operations Department received bids at 4:00 p.m. on September 9, 2020, for the Wastewater Treatment Plant Phase 4 Dewatering and Disinfection. It is recommended to accept the low bid for the general construction to Swanberg Construction Inc. at \$5,382,000; the electrical construction contract to Denny's Electric at \$745,000; and the mechanical construction contract to Central Mechanical, Inc at \$719,900. The engineer's evaluation of the estimates and bid documents, along with the bid tabulation are attached.

In evaluating the bids, Central Mechanical, Inc. provided the incorrect bid form and was therefore required to submit a formal letter indicating that all work will be completed per the plans and specifications of the contract documents for the stipulated price submitted and that addendums no. 1 through addendum no. 3 are acknowledged with correct dates. There were no other errors or omissions in the bids received.

RECOMMENDED CITY COMMISSION ACTION

Approve the bid award for construction of the WWTP Phase 4 dewatering system improvements to include Swanberg Construction, Inc. at \$5,382,000 for the general construction; Denny's Electric at \$745,000 for the electrical construction; and Central Mechanical Inc., at \$719,900 for the mechanical construction.

STAFF CONTACT INFORMATION

Michelle Klose, PE | Utility Operations Director, 355-1700 or mklose@bismarcknd.gov.
I will be present at the meeting for questions.

September 15, 2020

Michelle Klose, PE - Director of Utility Operations
City of Bismarck - Public Works
601 S. 26th Street
PO Box 5503
Bismarck, ND 58503

RE: Recommendation to Accept Bids
BISMARCK WASTEWATER TREATMENT FACILITY:
PHASE 4 DEWATERING SYSTEM IMPROVEMENTS &
EFFLUENT DISINFECTION IMPROVEMENTS

Dear Ms. Klose:

On September 9th, 2020, the City of Bismarck opened bids for the above referenced project. Clarifications were provided to prospective bidders, three (3) addendums were issued, and a prebid meeting was conducted including a site visit.

A total of two (2) bids for each Contract portion were received, which are summarized on the attached bid tabulation form. In evaluating the bids, Central Mechanical, Inc. provided the incorrect bid form and was therefore required to submit a formal letter indicating that all work will be completed per the plans and specifications of the contract documents for the stipulated price submitted and that addendums no. 1 through addendum no. 3 are acknowledged with the correct dates. There were no other errors or omissions in the bids received. Swanberg Construction Inc. (Contract No. 1), combined with Central Mechanical Inc. (Contract No. 2), and Denny's Electric (Contract No. 3) provided the lowest bid and were responsive to the requirements of the bidding documents.

The total collective bid of \$6,846,900 was slightly above the Engineers Opinion of Probable Cost of \$6,800,000. Differences between the opinion of probable cost and the bids received are attributed to the combination of timing for supply of materials required to construct the project in the allotted time frames and the overarching challenges related to the novel coronavirus (COVID-19).

Each bidder was contacted individually and indicated that their respective bid meets the bidding documents and that they are satisfied with their bid. Thorough evaluation of the bids was completed by City legal staff and HDR.

HDR recommends the City of Bismarck award Contracts No. 1 through No. 3 for the project to the lowest responsive and responsible bidders listed above.

If you have any questions, please do not hesitate to contact me at (605) 977-7745 or via email.

Sincerely,

HDR ENGINEERING, INC.

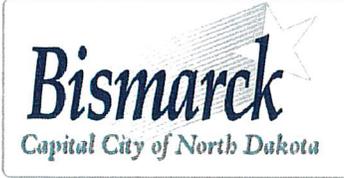
A handwritten signature in blue ink that reads "DelRon Peters". The signature is written in a cursive style.

DelRon Peters, PE
Project Manager
delron.peters@hdrinc.com

Attachments: Bid Summary Sheet

BID TABULATION

WASTEWATER TREATMENT FACILITY PHASE 4 DEWATERING SYSTEM IMPROVEMENTS & EFFLUENT DISINFECTION IMPROVEMENTS BISMARCK, NORTH DAKOTA



OWNER: CITY OF BISMARCK
ENGINEER: HDR ENGINEERING INC.



BID DATE: SEPTEMBER 9TH, 2020
LOCATION: CITY/COUNTY BUILDING
4:00 P.M., CST

Combined Total of Lowest Contract No. 1 - No. 3 = \$6,846,900.00
Contract No. 4 Lowest Total = \$7,350,000.00
Engineer Estimate = \$6,800,00.00

MANUFACTURER/SUPPLIER/ CONTRACTOR	5% BID SECURITY	ND CONTR. LICENSE	ACK OF RECEIPT OF ADD NO. 1 - 3	MBE/WBE SOLICITATION	CERT. OF DEBARMENT	BID SCHEDULE TOTALS	
Swanberg Construction, Inc.	X	X	X	X	X	CONTRACT NO. 1 – GENERAL CONST.	
						Phase 4 Dewatering	\$3,135,000
						Effluent Disinfection	\$2,247,000
						Subtotal	\$5,382,000
Price Adj. for HSF pile length	\$29.00						
Cofell's Plumbing Heating Inc.	X	X	X	X	X	CONTRACT NO. 2 – MECHANICAL CONST.	
						Phase 4 Dewatering	\$535,000
						Effluent Disinfection	\$230,430
Subtotal	\$765,430						
Denny's Electric	X	X	X	X	X	CONTRACT NO. 3 – ELECT., I & C CONST.	
						Phase 4 Dewatering	\$335,000
						Effluent Disinfection	\$410,000
Subtotal	\$745,000						
No Bid						CONTRACT NO. 4 – COMBINED CONST.	
						Phase 4 Dewatering	N/A
						Effluent Disinfection	N/A
						Subtotal	N/A
Price Adj. for HSF pile length	N/A						

John T. Jones Construction Co.	X	X	X	X	X	CONTRACT NO. 1 – GENERAL CONST.	
						Phase 4 Dewatering	\$3,731,600
						Effluent Disinfection	\$1,850,400
						Subtotal	\$5,582,000
						Price Adj. for HSF pile length	\$28.00
Central Mechanical Inc.	X	X	X	X	X	CONTRACT NO. 2 – MECHANICAL CONST.	
						Phase 4 Dewatering	
						Effluent Disinfection	
						Subtotal	\$719,900
Edling Electric, Inc.	X	X	X	X	X	CONTRACT NO. 3 – ELECT., I & C CONST.	
						Phase 4 Dewatering	\$561,400
						Effluent Disinfection	\$331,500
						Subtotal	\$892,900
John T. Jones Construction Co.	X	X	X	X	X	CONTRACT NO. 4 – COMBINED CONST.	
						Phase 4 Dewatering	\$4,935,900
						Effluent Disinfection	\$2,414,100
						Subtotal	\$7,350,000
						Price Adj. for HSF pile length	\$28.00
Engineer's Estimate						\$6,800,000	