



## *Engineering Department*

**DATE:** March 16, 2021  
**FROM:** Gabe Schell, City Engineer  
**ITEM:** Water Utility Project WU 134

### **REQUEST**

Consider approval of award of WU 134 as part of NDDOT project NHU-SU-1-981(118), PCN 22435

Please place this item on the 3/23/2021 City Commission meeting agenda.

### **BACKGROUND INFORMATION**

Water Utility Project WU 134 consists of installing watermains along 43<sup>rd</sup> Avenue between 26<sup>th</sup> Street and Roosevelt Drive as follows:

Zone 2 – 2150 LF of 12" watermain (26<sup>th</sup> Street to Nebraska Avenue)

Zone 3 – 2640LF of 24" watermain (Centennial Road to Roosevelt Drive)

Project WU 134 was included with NDDOT/Burleigh County Project NHU-SU-1-981(118), PCN 22435. This project includes improvements 43<sup>rd</sup> Avenue between 26<sup>th</sup> Street and Roosevelt Drive. The watermain in WU 134 will be located in the 43<sup>rd</sup> Avenue right of way.

The North Dakota Department of Transportation (NDDOT) received bids on March 12, 2021 where they received two bids. Strata Corporation was lowest overall bidder for NHU-SU-1-981(118), PCN 22435. Subsequently, their bid for WU 134 was \$810,904.40; the engineers estimate was \$802,396.30. WU 134 is a non-participating improvement which would be funded through the City of Bismarck Water Utility Fund.

The NDDOT would consider award at their March award meeting; the NDDOT and Burleigh County has requested concurrence in the award of NHU-SU-1-981(118), PCN 22435 by the City of Bismarck.

The bid summaries for NHU-SU-1-981(118), PCN 22435 and WU 134 are attached along with the project budget for WU 134.

## **RECOMMENDED CITY COMMISSION ACTION**

Concur with NDDOT in the award of WU 134 as part of Project NHU-SU-1-981(118), PCN 22435 contingent on Burleigh County Commission award.

Approve the project budget for WU 134 as presented.

## **STAFF CONTACT INFORMATION**

Linda Oster, PE, Design & Construction Engineer, 355-1505, [loster@bismarcknd.gov](mailto:loster@bismarcknd.gov)

## Bid Summary

Bid March 12, 2021

	Project NHU-SU-1-981(118), PCN 22435 (includes WU 134)	WU 134
Engineer's Estimate	\$ 4,636,434.18	\$ 802,396.30
Northern Improvement Company	\$ 5,137,505.04	\$ 780,869.00
Strata Corporation	\$ 5,676,825.00	\$ 810,904.40

# PROJECT BUDGET

<b>Number</b>	WU 134	<b>Description</b>	43rd Avenue Watermain - 24"/12"
---------------	--------	--------------------	---------------------------------

<b>Scheduled Start</b>	5/1/2021	<b>Scheduled End</b>	
------------------------	----------	----------------------	--

## Project Contracts

<u>Project Construction Contracts</u>	<u>Amount</u>
Strata Corporation -----	810,904.40
Subtotal	810,904.40
Contingencies 10%	81,090.44
<b>Total Construction Contracts</b>	<b>891,994.84</b>

<u>Other Contracts, Land Purchases, Etc.</u>	<u>Contract No.</u>	<u>Amount</u>
Subtotal		-
*Contingencies 10%		-
<b>Total Other Contracts</b>		<b>-</b>

<u>Work by Other City Departments</u>	<u>Amount</u>
Subtotal	-
*Contingencies 10%	-
<b>Total Work by Other City Departments</b>	<b>-</b>

## SUMMARY

<b>Construction Cost - No Contingencies</b>	<b>810,904.40</b>
<b>TOTAL CONSTRUCTION COST WITH CONTINGENCIES</b>	<b>891,994.84</b>
Engineering 10% -----	89,199.48
Administration 0% -----	-
Advertising and Legal 0% -----	-
Interest During Construction 0% -----	-
<b>WU 134 TOTAL PROJECT COST</b> -----	<b>981,194.32</b>

<u>Project Funding</u>	<u>Amount</u>
Water Utility Fund - 2021 CIP -----	981,194.32
<b>Total Funding</b>	<b>981,194.32</b>