



City of Grand Forks

Staff Report

Committee of the Whole – February 10, 2020

City Council – February 18, 2020

Agenda Item: Bids for City Project No. 7886 – Mill & Overlay, Concrete Pavement Repair, and Reconstruction of N 5th St from Demers Avenue to Gateway Drive

Submitted by: Engineering Department, Mark S. Walker, PE (Assistant City Engineer)
Mike Yavarow, PE (Civil Engineer Principal)

Staff Recommended Action: **Concur in award of contract to low bidder, Ti-Zack Concrete, Inc., in the amount of \$2,257,494.94 and approve any necessary budget amendment for City Project No. 7886 – Mill & Overlay, Concrete Pavement Repair, and Reconstruction of N 5th St from Demers Avenue to Gateway Drive**

Committee Recommended Action: Referred to City Council with recommendation to approve.
Motion carried unanimously.

Council Action:

BACKGROUND:

Bids for this project were received on February 7, 2020 at the NDDOT in Bismarck. Although the NDDOT has tabulated the bid results and determined low bidder, the NDDOT will need to review and analyze various data from the low bidder before they will award. It is expected that they will be able to analyze the data before the February 18th Council meeting. Since this is a Regional funded project, the NDDOT will award the contact and the City must concur in the award. The City's share of the total project cost is currently estimated at approximately \$302,000.

This project is being proposed by the North Dakota Department of Transportation (NDDOT) utilizing approximately \$2.2m of federal funding. The project includes reconstructing a half block of concrete pavement from Demers to 1st Avenue (the other half block was reconstructed during the Demers Avenue Reconstruction project), rehabilitating the section of concrete pavement from 1st to 2nd Avenue, and mill and overlaying the section from 2nd Avenue to Gateway Drive.

Although we are not sure of the exact year that N 5th Street was originally constructed, we know that the pavement is quite old. It consists of a concrete pavement that was last overlaid with asphalt pavement in 2000 and had a thin overlay installed in 2009 except for a section of N 5th Street from 1st to 2nd Avenue that was reconstructed with concrete pavement in 1986. In addition, about a half block of N 5th Street was reconstructed with concrete pavement in 2019 as part of the Demers Avenue Reconstruction Project. The traffic signal system along N 5th Street was upgraded in 2012.

This project has been considered at a number of previous Council/Committee/Public meetings, some of which are as follows:

- This project has been programmed for several years and has been included on the NDDOT's listing for projects eligible for Federal Highway Urban Funding.
- Originally when this project was first considered, it was assumed that the downtown Demers Avenue project would be a mill and overlay project and that the 5th Street project would be constructed at the same time as the Demers Avenue project so a number of updates and CATEX approvals for the N 5th Street project occurred with the Demers Avenue project.
- October 13, 2015 – A project update was provided to the Service/Safety Committee.
- January 8, 2018 - A project update was provided to the Committee of the Whole by the NDDOT.
- January 9, 2018 – A public input meeting was held.
- March 5, 2018 – Council approved the Documented CATEX, concurred with the project concepts as proposed, and selected to mill and overlay N 5th Street and to include sharrows.
- May 21, 2018 – Council approved a Preliminary Engineering Reimbursement Agreement for this project wherein the City agreed to reimburse the NDDOT for all of their project cost incurred should the City terminate the project.
- January 21, 2020 – Council approved a Cost Participation and Maintenance Agreement with the NDDOT and approved any necessary budget amendment.
- February 3, 2020 - Council approved the project Plans and Specifications.

ANALYSIS AND FINDINGS OF FACT:

- Bids were received on February 7, 2020.
- A total of 3 bids were received and all bids were opened.
- The bids received ranged from \$2,257,494.94 to \$2,515,715.90.
- The lowest bid received was from Ti-Zack Concrete of Le Center, Minnesota in the amount of \$2,257,494.94.
- The Engineer's Estimate for this project is \$1,676,366.94.
- The lowest bid received was approximately 35% above the Engineer's Estimate.
- The funding split is estimated to be approximately 81% Federal funding, 8% State funding, and 11% City funding.
- The current estimated total project costs are as follows:

\$2,738,994	Total Cost
\$2,216,668	Less Federal Share
<u>\$ 220,409</u>	Less State Share
\$ 301,917	Local Share
- Funding for the local share will be from Street/Infrastructure Fund 4815.

- The amount of funding included in the current City Budget is less than the estimated total City share for this project and the budget shortfall will be funded by unspent monies from other projects included in the budget that come in under budget or from projects that are not pursued in this budget year. In the event that insufficient funding is available to cover the local share of this project, a budget amendment will be processed.
- Construction is planned to take place during the 2020 construction season and be completed by the end of the construction season.
- Currently all of N 5th Street from Demers to 2nd Avenue N exists as concrete except for a half block that has been overlaid with asphalt pavement. In lieu of milling and overlaying this half block section, the City asked that it be reconstructed so that the entire two block section will be concrete pavement at the completion of the project. The NDDOT permitted this request under the condition that \$250,000 of the City's allocation of Federal Urban Funds be incorporated into the project.

SUPPORT MATERIALS:

- Abstract of Bids Received (1 page)
- Page 327 of the 2020 City Budget indicating funding source for this project (1 page)

Proposal	Description	Bidder ID	Bidder Name	Address	Is Public	DBE	Bid Amount	Alt or Opt	Bid Limitation	Total Discount
008 - 20200207008 GRAND FORKS	RECONSTRUCTION; MILLING; HMA OVERLAY; CPR; CURB RAMPS; SIDEWALK; SIGNING; LIGHTING & PAVEMENT MARKING	9048	ENGINEERS ESTIMATE	607 E BOULEVARD AVE BISMARCK , ND 58505-0606	Yes	8.00%	\$1,676,366.94			
		8281	TI-ZACK CONCRETE INC	39352 221ST AVE LE CENTER , MN 56057-4131	Yes	3.81%	\$2,257,494.94			
		180	STRATA CORPORATION	PO BOX 13500 GRAND FORKS , ND 58208-3500	Yes	9.59%	\$2,321,820.37			
		1261	R J ZAVORAL & SONS INC	PO BOX 435 EAST GRAND FORKS , MN 56721-0435	Yes	2.77%	\$2,515,715.90			



Street/Infrastructure Fund

G/L Account	Account Description	2017 Amended Budget	2017 Actual Amount	2018 Amended Budget	2018 Actual Amount	2019 Adopted Budget	2020 Adopted Budget	
	Adopted Budget					1.0000	85,000.00	85,000.00
	Adopted Budget					1.0000	1,000,000.00	1,000,000.00
	Adopted Budget					1.0000	300,000.00	300,000.00
	Adopted Budget					1.0000	50,000.00	50,000.00
	Adopted Budget					1.0000	125,000.00	125,000.00
	Adopted Budget					1.0000	100,000.00	100,000.00
	Adopted Budget					1.0000	80,000.00	80,000.00
	Adopted Budget					1.0000	111,000.00	111,000.00
	Adopted Budget					1.0000	100,000.00	100,000.00
	Adopted Budget					1.0000	100,000.00	100,000.00
	Adopted Budget					1.0000	290,000.00	290,000.00
	Adopted Budget					1.0000	60,000.00	60,000.00
	Adopted Budget					1.0000	20,000.00	20,000.00
	Adopted Budget					1.0000	200,000.00	200,000.00
	Adopted Budget					1.0000	800,000.00	800,000.00
	Adopted Budget					1.0000	36,000.00	36,000.00
	Adopted Budget					1.0000	20,000.00	20,000.00
	Adopted Budget					1.0000	60,000.00	60,000.00
	Adopted Budget					1.0000	160,000.00	160,000.00
	Adopted Budget					1.0000	640,000.00	640,000.00
	Adopted Budget					1.0000	460,000.00	460,000.00
	Adopted Budget					1.0000	1,440,000.00	1,440,000.00
	Adopted Budget					1.0000	616,000.00	616,000.00
	Adopted Budget					1.0000	47,600.00	47,600.00
	Adopted Budget					1.0000	150,000.00	150,000.00
	Adopted Budget					1.0000	300,000.00	300,000.00
	Adopted Budget					1.0000	300,000.00	300,000.00
	Adopted Budget					1.0000	100,000.00	100,000.00
	Adopted Budget					1.0000	500,000.00	500,000.00
	Adopted Budget					1.0000	728,800.00	728,800.00
	Adopted Budget					1.0000	350,000.00	350,000.00
							Adopted Budget Totals	\$12,935,559.00