



City of Grand Forks Staff Report

Committee of the Whole – March 25, 2019

City Council – April 1, 2019

Agenda Item: Bids and Revised Engineer's Reports for City Project No. 8019, District No. 736 – Paving and Street Lights for Cherry St (11th Ave S to 17th Ave S)

Submitted by: Engineering Department, David J. Kuharenko, PE (Principal Civil Engineer)

Staff Recommended Action: Award contract to low bidder, Strata Corporation in the amount of \$1,097,677.43 for Project No. 8019, District No. 736 – Paving and Street Lights for Cherry St (11th Ave S to 17th Ave S) and approve the revised Engineer's Reports

Committee Recommended Action: Refer to City Council with the recommendation to approve.

Council Action:

BACKGROUND:

Bids for this project were received on March 18, 2019 with a low bid of \$1,097,677.43 submitted by Strata Corporation. The low bid was approximately 9% below the engineer's estimate of \$1,205,498.65. A total of four bids were received, and three bids were opened and read aloud. The one unopened bid did not contain the required 5% bid bond, that bid remained sealed and was returned to the bidder.

The proposed project consists of three sub-projects. The first will consist of reconstructing Cherry St from 17th Ave S to 14th Ave S. The second will consist of an asphalt mill and overlay and other miscellaneous repair work on Cherry St from 14th Ave S to 11th Ave S. The third will consist of street lighting on Cherry St from 17th Ave S to 11th Ave S.

In the original Engineer's Reports the consultant engineering costs were 100% special assessed to the benefitting property owners. This resulted in a significantly increased special assessment amount relative to the construction costs. Staff from the Mayor's Office, Engineering Department and Finance Department have discussed this and are recommending amending the engineer's reports to show an 80% city share to the consultant engineering project costs, which is the same proportion that the city would take on for construction costs.

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

- December 3, 2018– Council approved an engineering amendment with the firm of CPS Engineering in the amount of \$215,470 to provide Design Engineering and Bidding Services for this project.
- December 3, 2018 – Council created the Special Assessment District
- February 19, 2019 – Council approved the Engineer’s Report and directed staff to prepare Plans & Specifications and advertise for Construction Bids for this project
- March 4, 2019 – Council approved the Plans and Specifications for this project
- March 12, 2019 – A Public Input Meeting was held

ANALYSIS AND FINDINGS OF FACT:

- Bids were received on March 18, 2019
- A total of 4 bids were received and 3 bids were opened.
- The bids received ranged from \$1,097,677.43 to \$1,211,214.95.
- 1 bid was not opened because it did not have the 5% bid bond included in the outer envelope
- The lowest bid received was from Strata Corporation in the amount of \$1,097,677.43.
- The Engineer’s Estimate for this project is \$1,205,498.65.
- The lowest bid received was approximately 9% below the Engineer’s Estimate.
- Funding for this project will come from Street & Infrastructure Fund 4815.
- CPS Engineering is currently under contract for design and bidding services for this project with a not to exceed contract amount of \$238,618.
- It is anticipated that the construction engineering services will be added with a future engineering amendment.
- The estimated cost of construction engineering services from CPS Engineering is \$286,000.
- The low bid for the reconstruction portion of the project is \$926,846.68.
- The low bid for the mill & overlay portion of the project is \$103,216.75.
- The low bid for the street lighting portion of the project is \$67,614.00.
- The total project cost, including construction, engineering, and ~10% contingency, is estimated at approximately \$1,737,000.
- A portion of this project is to be funded with a City share as current City policy is to fund the 80% cost of Classified Street Reconstruction including the consultant engineering.
- Funding for the 20% property owner share will be from a special assessment of the benefiting property owners.

SUPPORT MATERIALS:

- Abstract of Bids Received (1 page)
- Timetable For Special Assessment Project (1 page)
- Project Location Map (1 page)
- Page 320 of the 2018 City Budget indicating funding source for this project (1 page)
- Revised Engineer’s Reports (3 pages)

Abstract of Bids Received

Paving and Street Lights for Cherry Street (11th Ave S to 17th Ave S)

Grand Forks, North Dakota

City Project Nos.: 8019.1, 8019.2, and 8019.3

Bid Opening: March 18, 2019 | 2:00 P.M.



Bidder	Acknowledge Addendums No. 1 & No. 2	Bid Bond Enclosed	Contractor's License Enclosed	Non-Collusion Affidavit Enclosed & Signed	Proposal Enclosed & Signed	Bid*
Strata Corporation <i>Grand Forks, ND</i>	Yes	Yes	Yes	Yes	Yes	\$1,097,677.43
Opp Construction, LLC <i>Grand Forks, ND</i>	Yes	Yes	Yes	Yes	Yes	\$1,129,282.50
All Finish Concrete, Inc* <i>West Fargo, ND</i>	Yes	Yes	Yes	Yes	Yes	\$1,211,214.95
MAK Construction <i>Grand Forks, ND</i>	Yes	No	Bid not opened. Bid submitted without Bid Bond accompanied in separate envelope as stated in the bidding documents.			
Note:						
* Extended price for Bid Item "2511 E01 02 - FLAGGING" on All Finish Concrete, Inc. bid corrected for mathematical errors.						
* Extended price for Bid Item "2506 E02 18 - DETECTABLE WARNING PANEL" on All Finish Concrete, Inc. bid incorrect due to mathematical error.						
Engineer's Estimate						\$ 1,205,498.65

TIMETABLE FOR SPECIAL ASSESSMENT PROJECTS

Project Name Paving and Street Lighting for Cherry St (11th Ave S to 17th Ave S)
 Project Number 8019 District No. 736

- Paving
- Street Lighting
- Street Improvement
- Other _____

This timetable prepared by DJK
 Revised by DJK

Date 11-16-18
 Date 2-19-19

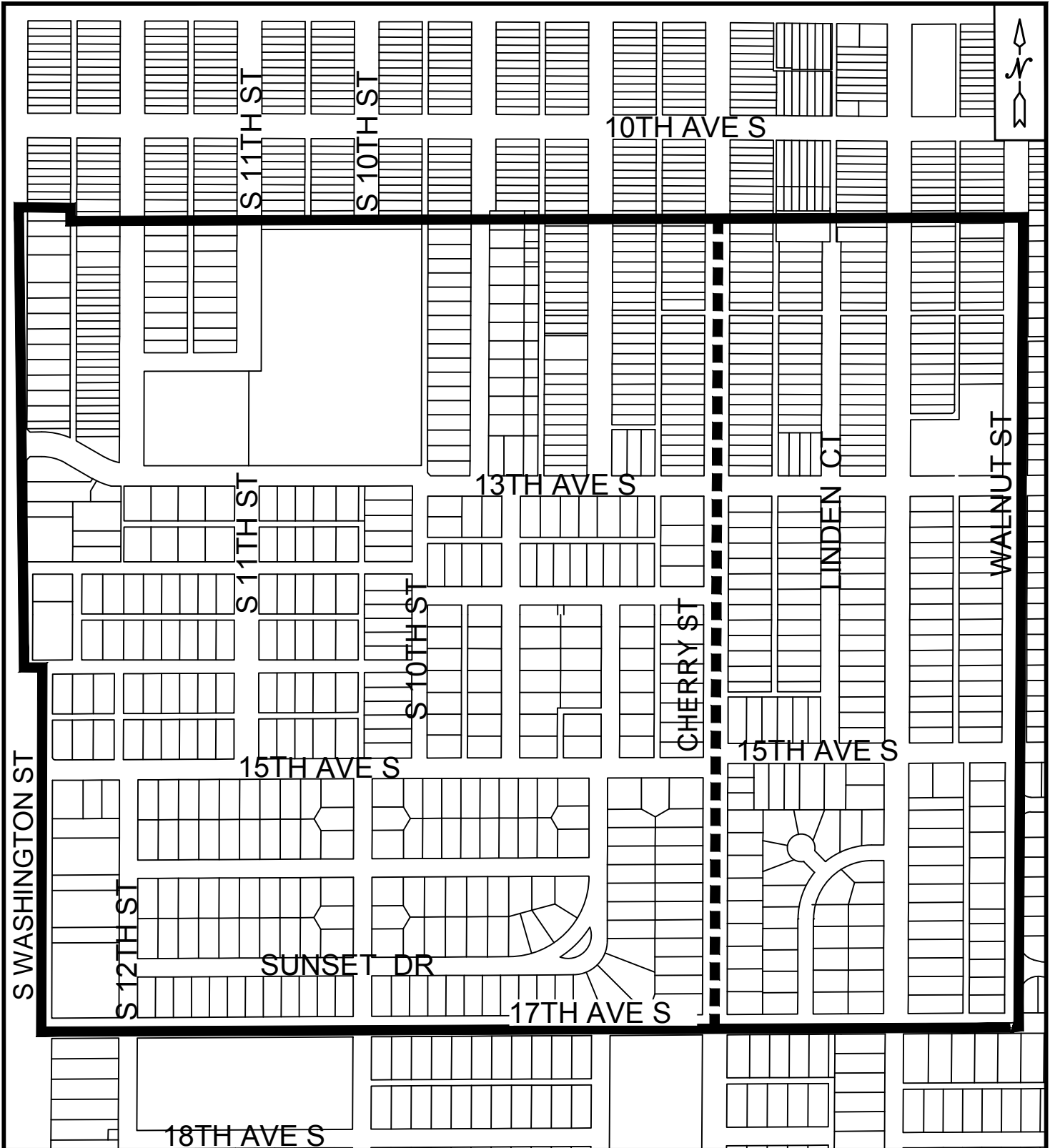
Action	Date of Action			Approved
	Other	Committee	Council	
Resolution creating assessment district.		11/26/18	12/3/18	
*Notices sent to property owners.	Week of 2/25/19			
*Special Assessment Commission to meet to determine preliminary distribution of benefits.	Week of 1/21/19			
Approval of Engineers Report including estimate. Direct engineering to prepare plans & specifications, and advertise for construction bids.		2/11/19	2/19/19	
Approval of plans & specs/set bid date.		2/25/19	3/4/19	
Resolution of Necessity published.	2/26/19			
**Advertisement for bids prepared.	2/27/19			
*Advertisement for bids published.	3/2/19			
Discuss Project. (Optional)				
***Bids received, opened & tabulated.	3/18/19			
#Recommend award of contract.		3/25/19		We are Here
Expiration of protest period.	3/28/19			
***Certificate as to sufficiency.	4/1/19			
Resolution as to protest and awarding contract.			4/1/19	

*Responsibility of Finance & Administrative Services Office

**Responsibility of Engineering Department.

***Responsibility of Finance & Administrative Service Office & Engineering Department.

#If bids are more than 25% higher than engineers estimate, Finance & Administrative Services Office will notify property owners and protest period will be extended 2 weeks.



PAVING & STREET LIGHTS FOR CHERRY STREET (11TH AVE S TO 17TH AVE S)

LEGEND

PROJECT # 8019
DISTRICT # 736

- ASSESSMENT DISTRICT BOUNDARY
- PROJECT LIMITS



Street & Infrastructure

Budget Year 2019

G/L Account	Account Description	2016 Amended Budget	2016 Actual Amount	2017 Amended Budget	2017 Actual Amount	2018 Adopted Budget	2019 Adopted Budget
Fund 4815 - Street/Infrastructure Fund							
	Adopted Budget					1.0000	300,000.00
	Minor Street Repair						300,000.00
	Adopted Budget					1.0000	2,385,000.00
	Street Mtce Program (3% Increase per Year)						2,385,000.00
	Adopted Budget					1.0000	80,000.00
	Intelligent Transportation System						80,000.00
	Adopted Budget					1.0000	60,000.00
	LED Street Light Replacement Program						60,000.00
	Adopted Budget					1.0000	20,000.00
	Diamond Grade Reflectivity of Signs						20,000.00
	Adopted Budget					1.0000	200,000.00
	N Washington CPR & Grind (8th Ave N to Gateway Dr)						200,000.00
	Adopted Budget					1.0000	11,000.00
	Advanced Ped Walk 42nd St. and Columbia Rd Corridors						11,000.00
	Adopted Budget					1.0000	50,000.00
	US Hwy 2 & N 55th St Traffic Signal						50,000.00
	Adopted Budget					1.0000	255.00
	Red Light Confirmation Indicators on Gateway						255.00
	Adopted Budget					1.0000	744,000.00
	N 62nd (10th to Gateway) (SIG Econ Devel)						744,000.00
	Adopted Budget					1.0000	100,000.00
	ADA/MPO/Other Consulting Services						100,000.00
	Adopted Budget					1.0000	369,000.00
	32nd Ave S Turn Lanes (Corridor Improvements)						369,000.00
	Adopted Budget					1.0000	20,000.00
	Washington Street Underpass Evaluation						20,000.00
	Adopted Budget					1.0000	47,600.00
	Washington St (Hammerling to 8th Ave N) ADA Ramps						47,600.00
	Adopted Budget					1.0000	150,000.00
	Point Bridge Rehabilitation (Portion from Bridge Reserve)						150,000.00
	Adopted Budget					1.0000	381,600.00
	S 42nd St (34th to 40th Ave S; Rural Section)						381,600.00
	Adopted Budget					1.0000	616,000.00
	Cherry St (60th to 62nd Ave S)						616,000.00
	Adopted Budget					1.0000	111,000.00
	N 5th St (Gateway to Demers-Mill & Overlay)						111,000.00
	Adopted Budget					1.0000	715,001.00
	Business US 2 Reconstruction (Demers to Red River)						715,001.00
	Adopted Budget					1.0000	60,000.00
	Demers Ave Traffic Signal						60,000.00
	Adopted Budget					1.0000	100,000.00
	Large Project Update/Continuation						100,000.00
	Adopted Budget					1.0000	80,000.00
	Bikepath Maintenance						80,000.00
	Adopted Budget					1.0000	232,408.00
	Bikepath Development (New)						232,408.00
	Adopted Budget					1.0000	50,000.00
	Quiet Zone Redundancy						50,000.00
	Adopted Budget					1.0000	100,000.00
	Maintenance of Street Lights						100,000.00
	Adopted Budget					1.0000	100,000.00
	Minor Intersection Improvement						100,000.00
	Adopted Budget					1.0000	80,000.00
	Transportation Studies						80,000.00
	Adopted Budget					1.0000	60,000.00
	Pavement Management						60,000.00
	Adopted Budget					1.0000	445,600.00
	S 34th St (45th to 47th Ave S)						445,600.00
	Adopted Budget					1.0000	50,000.00
	Consulting Assistance for Specifications Revisions						50,000.00
	Adopted Budget					1.0000	728,800.00
	N 36th St (20th to 24th Ave N) (SIG Econ Devel)						728,800.00

ENGINEER'S REPORT

District No. 736.1 (Project No. 8019.1)

The following report is submitted to the City Council of Grand Forks regarding the proposed Project No. 8019.1 benefiting

District No. 736.1

1. Purpose and general nature:

Improvement of the municipal system serving the district by:
Reconstruction of pavement, curb & gutter, driveway and alley approaches, sidewalks, and maintenance improvements of public utilities.

2. Location:

Described as follows:
Cherry Street from 14th Avenue S. to 17th Avenue S.

3. Feasibility and cost:

In the opinion of the undersigned, the improvement is feasible and the probable assessed cost thereof is estimated to be approximately \$342,400, including construction, engineering, financing, contingencies, and other incidental costs.

4. A map of the district is attached.

Date

Allen R. Grasser, PE – City Engineer

Construction Cost	\$1,020,000
Consultant Cost	\$394,000
Less City Share (80%)	-\$1,131,000
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Assessed Construction Cost	\$283,000
Project Related Expenses	
City Engineering (5%)	\$14,200
Advertising, Legal & Miscellaneous (4%)	\$11,300
Administration (8%)	\$22,600
Interim Financing (4%)	\$11,300
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Total Assessment Amount	\$342,400

ENGINEER'S REPORT

District No. 736.2 (Project No. 8019.2)

The following report is submitted to the City Council of Grand Forks regarding the proposed Project No. 8019.2 benefiting

District No. 736.2

1. Purpose and general nature:

Improvement of the municipal system serving the district by:
Milling and overlaying the existing asphalt pavement, and maintenance improvements of public utilities.

2. Location:

Described as follows:
Cherry Street from 11th Avenue S. to 14th Avenue S.

3. Feasibility and cost:

In the opinion of the undersigned, the improvement is feasible and the probable assessed cost thereof is estimated to be approximately \$43,500, including construction, engineering, financing, contingencies, and other incidental costs.

4. A map of the district is attached.

Date

Allen R. Grasser, PE – City Engineer

Construction Cost	\$126,000
Consultant Cost	\$53,000
Less City Share	-\$143,000
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Assessed Construction Cost	\$36,000
Project Related Expenses	
City Engineering (5%)	\$1,800
Advertising, Legal & Miscellaneous (4%)	\$1,400
Administration (8%)	\$2,900
Interim Financing (4%)	\$1,400
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Total Assessment Amount	\$43,500

ENGINEER'S REPORT

District No. 736.3 (Project No. 8019.3)

The following report is submitted to the City Council of Grand Forks regarding the proposed Project No. 8019.3 benefiting

District No. 736.3

1. Purpose and general nature:

Improvement of the municipal system serving the district by:
Street lighting.

2. Location:

Described as follows:
Cherry Street from 11th Avenue S. to 17th Avenue S.

3. Feasibility and cost:

In the opinion of the undersigned, the improvement is feasible and the probable assessed cost thereof is estimated to be approximately \$37,500, including construction, engineering, financing, contingencies, and other incidental costs.

4. A map of the district is attached.

Allen R. Grasser, PE – City Engineer

Construction Cost	\$75,000
Consultant Cost	\$79,000
Less City Share (80%)	-\$123,000
<u>Assessed Construction Cost</u>	<u>\$31,000</u>
Project Related Expenses	
City Engineering (5%)	\$1,600
Advertising, Legal & Miscellaneous (4%)	\$1,200
Administration (8%)	\$2,500
Interim Financing (4%)	\$1,200
<u>Total Assessment Amount</u>	<u>\$37,500</u>