



City of Grand Forks  
Staff Report  
Committee of the Whole – February 10, 2020  
City Council – February 18, 2020

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**Agenda Item:** Bids for City Project No. 8132 – 2020 LED Light Replacement Program

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**Submitted by:** Engineering Department, David Kuharenko, PE (Assistant City Engineer)

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**Staff Recommended Action:** Award contract to low bidder, Border States Electric in the amount of \$51,000 for Project No. 8132 – 2020 LED Light Replacement Program

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

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**Council Action:** approved on Consent      enda

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### **BACKGROUND:**

Annually the City of Grand Forks converts existing high pressure sodium (HPS) street light fixtures with light emitting diode (LED) fixtures. This bid is for furnishing street light fixtures that will be installed by the city electrical department. This project receives bids for the street lighting fixtures and city electricians provide the labor. This year city electricians are planning on replacing 100 fixtures on S Columbia Rd from the Columbia Rd overpass to 36<sup>th</sup> Ave S. The intent of this project is to reduce the amount of power consumed by city street lights. An added benefit of converting these fixtures to LED is the reduction in labor required for future bulb replacement. HPS typically have a lifespan of 2-3 years, whereas LEDs have a lifespan of 10+ years.

### **ANALYSIS AND FINDINGS OF FACT:**

- Bids were received on January 27, 2020
- A total of 4 bids were received.
- The bids received ranged from \$51,000 to \$53,800.
- The lowest bid received was from Border States Electric in the amount of \$51,000.
- Funding for this project will come from Street/Infrastructure Fund 4815 where \$60,000 has been budgeted.

### **SUPPORT MATERIALS:**

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





# 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	