



1461 Evanston Avenue, Muskegon, MI 49442  
231 777 2681 Fax 231 777 2506

Heather Tykoski  
City of Ludington  
400 S. Harrison Street  
Ludington, MI 49431

November 12, 2018

Re: West Ludington Ave. Stearns Park Improvements Phase 1

VALUE ENGINEERING COST REVISIONS

Base Bid (September 7, 2018) \$545,000.00

Cost Revisions

- |  |                  |
|--|------------------|
| 1. Delete drinking fountain and associated plumbing  | (\$11,000.00)    |
| 2. Change stamped concrete contractor  | (\$15,450.00)    |
| 3. Eliminate stamping at Promenade ( colored concrete remains)   | (\$8,000.00)     |
| 4. Delete underground water line   | (\$3,000.00)     |
| 5. Delete storm sewer from the east to the west catch basin  | (\$5,000.00)     |
| 6. Delete (8) Light Fixtures at Promenade and concrete bases   | (\$34,800.00)    |
| 7. Add hot water heat for concrete redi-mix month of March   | \$11.66 per CY   |
| 8. Add hot water heat for concrete redi-mix month of April   | \$5.83 per CY    |
| 9. Add ground heater per 24 hour day includes fuel (If required)   | \$550.00 per day |
| 10. Steel handrail will most likely see a cost increase in the spring,<br>we can't preorder this without field dimensions. |                  |

**TOTAL REVISED CONTRACT AMOUNT \$467,750.00**

NOTE:

- Items 7, 8, 9 & 10 will be determined as needed in the Spring 2019
- We have some items that need to be purchased and paid for this year as stored material to guarantee no price increases. Benches, Trash Receptacles and Light Bollards.