

July 24, 2019

Glen Wiczorek
Professional Engineer
City of Ann Arbor

Subject: 19-017 – Barton Shaft Estimate

Glen,
Gerace Construction Company, Inc. is pleased to submit this **Lump Sum** Proposal for:

Shaft – Structural Steel and Grout

- Gerace and our Engineer visited the site and performed 3D imaging of the shaft in order to give a more accurate estimate.
- Our Professional Engineer, registered in the State of Michigan will design the shaft based off the sketch concept provided by the city. The design will be stamped by the PE and will be submitted to the City of Ann Arbor for a review. The City can incorporate any comments and approve.
- City of Ann Arbor will submit design drawings to FERC for approval.
- After approval from FERC and the City of Ann Arbor, Gerace will begin Mobilizing and work will begin by power washing loose “soft” concrete that will need to be removed. The original ladder to be remove and newer ladder modified and re-installed.
- Fabrication of the steel members will be performed at our shop and shipped to galvanizers.
- All structural steel will be galvanized and shipped to the site.
- The steel pieces will be lowered into the shaft using a carry deck.
- The steel members will be set and bolted in place.
- Grouting between the steel and the deteriorated wall will be done using a grout trailer pump.

Lump Sum Proposal: \$74,900.00

This quote is based on the following:

- Labor
- Material
- Equipment
- Safety

Thank you for the opportunity to quote this project. If you have any further questions or need additional information, please feel free to contact me directly. Office: (989) 496-2440 x 124 or Cell: (989) 600-4543.

Respectfully submitted,

Joe McRoberts
Project Manager/Estimator
Gerace Construction Company, Inc.
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