

**CITY OF ANN ARBOR
UTILITIES DEPARTMENT CHANGE ORDER
CHANGE ORDER NO. 2**

Date: September 10, 2019 Encumbrance Order No. _____ Change Order No. 2

File No. _____ Contractor Gerace Construction Company, Inc.

Contract Name Geddes Dam Gate Recoating and Repairs

No.	Description of Change	Quantity	Unit	Unit Price	Addition (Deduction)
1	Additional Work Items	NA	NA	NA	\$ 281,416.90
Sub-total from page 2					\$ 281,416.90
Net Addition or (Deduction) this Change Order No. 2					\$ 281,416.90
Contract amount ± previous Change Order No. 1					\$ 902,900.00
NEW TOTAL CONTRACT AMOUNT					\$ 1,184,316.90

Final Completion: August 14, 2020

Recommended by: _____ Date _____
Glen Wiczorek, P.E., Sr. Utilities Engineer

The Contractor agrees to the changes and prices outlined above.

Accepted by: _____ Date _____
Joe McRoberts, Gerace Construction Company, Inc.

Approved by: _____ Date _____
Derek Delacourt, Community Services Area Administrator

Approved by: _____ Date _____
Howard S. Lazarus, City Administrator

Reviewed by: _____ Date _____
Stephen K. Postema, City Attorney

CHANGE ORDER NO. 2

Project: Geddes Dam Gate Recoating and Repairs

Bid Number: 4564

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Change Item Explanation

1. Replacement of three gates in lieu of repair – The structural inspection identified major issues including significant section loss of structural steel members due to advanced corrosion, bent steel members, excessive wear and failed components. It has been determined that it will be more costly to repair the gates than rebuilding and replacing the gates in their entirety. This change order replaces the gates in lieu of repairing them.



4055 S. Saginaw
 Midland, MI 48640
 Phone: (989) 496-2440
 Fax: (989) 496-2465

September 5, 2019

Paul Malocha
 Engineer
 Stantec

Subject: 19-017 – City of Ann Arbor Geddes Dam Gate Recoating & Repairs

Paul,
 Gerace Construction Company, Inc. is pleased to submit this Revised **Lump Sum** Proposal for **City of Ann Arbor Geddes Dam Gate Recoating & Repairs to include the Change Order NO. 1 & 2, Stop Log Repairs Gedde, Etc.**

Bid Items

1. General Conditions	\$ 70,000.00
2. Stop Log Transport & Replacement	\$ 30,000.00
3. Preparatory blast of gate for steel inspection	\$159,000.00
4. Add drain hole in girder	\$ 8,000.00
5. Not Used	\$0
6. Replace Gate arm	\$ 20,000.00
7. Replace 2.5” Dia. X 52” upright support	\$ 22,000.00
8. Replace 2.5” Dia. X 30” cross support	\$ 27,000.00
9. Remove and Replace gate stop in Bay #4	\$ 40,000.00
10. Recoat tainter gate & torque tube	\$156,000.00
11. Replace side seal and hardware	\$ 26,000.00
12. Replace bottom seal and hardware	\$ 18,000.00
13. Demobilization & project closeout	\$ 20,000.00
14. Not Used	\$0
15. Not Used	\$0
16. Certified payroll compliance & reporting	\$ 15,000.00
17. Miscellaneous project allowance	\$ 25,000.00

Alternate Items

1. Replace trunnion hub & pin assembly	\$140,000.00
2. Replace gate arm	\$ 12,000.00
3. Epoxy filler on skin plate	\$ 6,000.00
4. Allowance for unspecified steel repairs & materials	\$ 9,000.00
5. Allowance for unspecified steel repairs, cutting & welding	\$ 25,000.00
Total:	\$828,000.00

Change Order NO. 1 – Barton Dam Air Shaft Repairs:

- A complete set of stamped Engineering drawing and shop drawings for approval, Purchase of new steel plates and beams, Fabrication will be done at Gerace’s AISC Fabricating Facility, Removal of the access ladder(2) and modification of one ladder will be re-installed, Installation of the steel members will be set and bolted in place, Grouting between the steel and the deteriorated wall will be done. (This may be through a “birds mouth” or through grout ports in the plate steel using a grout trailer pump, Equipment (Carry Deck) to lower in the steel pieces, Etc.

Repair Cost Total: \$74,900.00

Change Order NO. 2 – (3) New Gates, Stop Log Repairs Geddes, Etc:

Gate #3 – New Fabrication of new gate:

- Purchase of New Gate Steel, New Gate Steel Rolled, Purchase of Steel for Gate Jig, Fabrication of gate Jig and Fabrication of New Gate.

Gate #3 Cost: \$116,200.00

Gate #2 – New Fabrication of new gate:

- Purchase of New Gate Steel, New Gate Steel Rolled, Purchase of Steel for Gate Jig, Fabrication of gate Jig and Fabrication of New Gate.

Gate #2 Cost: \$116,200.00

Gate #1 – New Fabrication of new gate:

- Purchase of New Gate Steel, New Gate Steel Rolled, Purchase of Steel for Gate Jig, Fabrication of gate Jig and Fabrication of New Gate.

Gate #1 Cost: \$116,200.00

T&M Repairing Geddes Stop Logs:

- Repair seals on stop logs and reset stop logs/seal **\$20,542.40**

T&M Divers for Gates #1 & #2:

- Divers to clean out stop log guides Ann Arbor split cost with Gerace **\$4,080.00**
 Gerace mark-up 5% **\$ 204.00**

Total Cost: \$ 4,284.00

Tnemec Coating Additional Cost:

- Switching from spec'd Carboline to Tnemec cost difference **\$5,970.00**
 Gerace mark-up 15% **\$ 895.50**

Total Cost: \$ 6,865.50

General Conditions Cost:

- 2 months of general conditions (waiting for decisions) **\$10,125.00**

Mobilization In/Out:

- RE-Mobilization / De-Mobilization next year 2020 **\$20,000.00**

Total Cost: \$410,416.90

Total estimated credit deduction from original contract pricing:

Bid Items

- 4. Add drain hole in girder **\$ -8,000.00**
- 6. Replace Gate arm **\$-20,000.00**
- 7. Replace 2.5" Dia. X 52" upright support **\$-22,000.00**
- 8. Replace 2.5" Dia. X 30" cross support **\$-27,000.00**

Alternate Items

- 2. Replace gate arm **\$ -12,000.00**
- 3. Epoxy filler on skin plate **\$ -6,000.00**
- 4. Allowance for unspecified steel repairs & materials **\$ -9,000.00**
- 5. Allowance for unspecified steel repairs, cutting & welding **\$ -25,000.00**

Total Credit Deduct: \$-129,000.00

Summarize Item(s) Cost:

Total Contract:	\$ 828,000.00
Change Order NO. 1	\$ 74,900.00
Change Order NO. 2	\$ 410,416.90
Total	\$1,313,316.90
Total Credit Deduct:	\$ -129,000.00

Total estimated credit deduction from original contract pricing

New Proposed Contract Total \$1,184,316.90**Scheduling:**

Gerace would complete gate #3 and Pins this year 2019. Gerace will De-mobilize this winter 2019 and remobilize in the March/April 2020 to complete Gates 1 & 2. Once the approval for the construction of the new gates, Gerace will build all (3) gates starting with Gate #3 this year 2019 and gates #1 & #2 over the winter months so they would be ready for installation in the spring 2020. Gerace would commence construction on demoing and installing new pins for gates 1 & 2 at this time. Gerace will need the City of Ann Arbor to extend Substantial Completion Date to reflect August 14th 2020 instead of June 14th 2020 due to 2 month waiting period to make a decision on new gates an Demo of Pins.

Excluded:

- New roller guides

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/Safety Director
Gerace Construction Company, Inc.
jmroberts@geraceconstruction.com