



Holland Charter Township

353 North 120th Avenue • Holland, MI 49424 • phone: 616.396.2345 • Fax: 616.396.2537

Memorandum

TO: Board of Trustees
FROM: Steve Bulhuis
DATE: April 28, 2024
SUBJECT: 2024 Manhole and wet well lining

The Public Works Department performs a routine manhole inspection, maintenance and repair program on the approximately 4300 manholes in the system. The capital improvement plan (CIP) anticipates that repairs will be required as a result of this program and allocates resources to address identified problems. The 2024 program of the CIP has \$175,000 for manhole/wet well repair.

We have received a proposal from Advanced Rehabilitation Technology (ART) to complete work on eighteen manholes along with warranty work at Lift Station #1 (132 Howard). ART has successfully completed many other rehabilitation projects for the township including manholes on Ottawa Beach Road that were lined in 2014.

It is recommended to proceed with the attached proposal in the amount of \$153,455.00 with the addition of contingencies for a total authorization of \$176,455.00.

Please let me know if you have any questions concerning this matter.



Holland Twp 2024 Lining

Job Location: Holland Twp MI

Holland Charter Township, MI
207 West Lakewood Blvd.
Holland, MI 49424
USA

Advanced Rehabilitation Technology
525 Winzeler Drive
Bryan, Ohio 43506
United States

Aaron Nyboer
Director
aaronn@hct.holland.mi.us
(616) 396-1891

Prepared by:
Alex Lantz
"Michigan Sales Manager"
alex@artcoatingtech.com

Quote created: April 15, 2024
Quote valid till: May 15, 2024

PRODUCTS & SERVICES	UNIT QUANTITY	UNIT PRICE	TOTAL
Manhole Lining 4' Diameter	192	\$280.00	\$53,760.00
Lift Station 1	1	\$29,445.00	\$29,445.00
Pump Station 3	1	\$70,250.00	\$70,250.00

Total	\$153,455.00
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Manhole Lining

The OBIC Multi Layer Liner System Provides a 10 Year Limited Warranty
Lining of 18 Manholes of Approximately 192 Vertical Feet.
@ \$280.00 per vertical Foot.

Total: \$53,760.00

This Includes all Traffic Control Costs
ART will coordinate with Ottawa County for temporary lane closure and any permits needed.

Lift Station 1

Liner Repair on Lift Station 1
OBIC Multi-Layer Liner System:

TOTAL: \$29,445.00

This includes no cost of material or labor for LS1
This cost includes all associated Vector and Bypass Costs
Bypass will have pump watch provided by Mercino, day and night for the duration of the project
Repair Duration Estimated Less Than 5 Days.
Road Closure included, ART will coordinate with Ottawa County for closure and any permits needed.

Pump Station 3

To Prep & Spray Line one 10' DIA x 24.5' Deep wet well utilizing the OBIC Multi-Layer Liner System:

TOTAL: \$70,250.00

This includes all Vector/Bypss/Traffic Control Costs
Bypass will have pump watch Day & Night
Provided by Mercino
Zone will have automatic stoplights for traffic control around suction Manhole.

Notes:

- Owner/Contractor to provide Application Truck access within 100' of the structure.
- This proposal is based on one mobilization. If additional mobilizations are required, an additional \$5,000 may be added for each.
- Off road locations may require assistance from the owner/contractor to access.
- DOT traffic control to be supplied by others if needed. Our crews will supply cones for immediate area.
- Owner/Contractor must provide a water supply near the work site via hydrant or spigot (with water meter use free of charge).

General Terms and Conditions:

- The quoted prices are exclusive of applicable state and local sales taxes.
- Payment terms: Net 30 days. Interest will be added to balances outstanding after 30 days.
- Pricing is contingent on the work as stated in this proposal. Advanced Rehabilitation Technology (ART) reserves the right to adjust our unit rate and/or overall bid proposal accordingly to account for any changes (increase or decrease) from this scope.
- ART's bid proposal shall be incorporated into the subcontract agreements. ART will initiate this project upon receipt of this signed proposal as well as, receipt of a subcontract or purchase order agreeing to this proposal.
- Pricing does not include working nights, holidays, or weekends. Additional cost will be required for these situations.
- Non-weather-related delays (may include job site not prepared to allow ART to begin; road closures due to community, city, or private events; traffic control not ready or any work stoppages outside the control of ART) may result in a \$5,000/day mobilization fee.

Purchase Order Number: _____

Signature

Signature

Date

Printed name