



DATE: April 20, 2023
TO: Contractors
FROM: Marty McGee, Public Works Director
RE: Manhole Rehab

Proposal Focus:

Our Mission:

- Attractive growth and safe living- Encourage attractive neighborhoods and new developments.

Our Values:

- Working together-Departments working together as one team. Staff working with residents, HOA's and neighborhoods. Citizens working with each other.

Current Situation:

The current Manholes on 53rd Street are failing and need repair due the corrosive nature of the gasses in the sewer system. The existing manhole lining which is original and installed in 2005 is flaking off which exposes the concrete underneath to the gasses causing the structural integrity of the manhole to weaken. If left long enough the manholes could collapse blocking the sewage from the Rock Road lift station being transported to the 53rd St lift station and on to CCUA for treatment.

Goals:

To work with the Developer to grow the City in an attractive, safe manner that is consistent with City standards.

Discussion:

Staff reached out to three contractors requesting bids for manhole repair. Only two of the contractors responded to our request. Their bids are presented below. The contractor that did not bid were too busy or felt the job was too small to bid on. Product being used to line the manholes will be Raven 405 Epoxy and Primer which has been used in the Rock Road lift station. We have had good results with this product in the lift station. Mayer included a price for lining the manholes using "Strong Seal Geopolymer". Staff feels that a stronger liner is needed on these particular manholes due to the higher strength wastewater flowing through them.

Contractor	Total Bid
UMC	<u>\$ 129,500.00</u>
Mayer	\$ 135,680.00 / \$81,832.00 (Strong Seal)
Johnson Service Company	<u>No Bid</u>

Financials:

The cost of these improvements will be paid out of the Capital Improvement Fund from funds set aside for sewer improvements.

Recommendations: Staff recommends that the City Council accept the bid from UMC for \$129,500.00

THE CITY OF BEL AIRE IS ACCEPTING PROPOSALS ON THE FOLLOWING:

Manhole Rehabilitation

City of Bel Aire is looking to have 14 manholes cleaned out and relined to prevent corrosion along 53rd St sewer line. These manholes are located between Rock Rd and Woodlawn, as well as between Woodlawn and Oliver on 53rd St. Manholes are a 4' Radius.

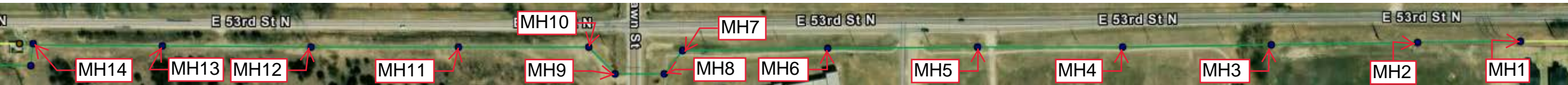
See below for map and depth information.

Manhole #	Depth
MH 1	13' 6"
MH 2	11' 9"
MH 3	9' 2"
MH 4	16' 10"
MH 5	20' 3"
MH 6	15' 8"
MH 7	16' 0"
MH 8	19' 8"
MH 9	19' 10"
MH 10	15' 5"
MH 11	14' 4"
MH 12	10' 3"
MH 13	15' 10"
MH 14	12' 9"

Please have proposals submitted before 4/20/2023 at 3:30 PM

Please email proposals to Marty McGee mmcgee@belaire.kscoxmail.com

Thank you for your proposal.





MH5
Depth: 20' 3"

MH4
Depth: 16' 10"

MH3
Depth: 9' 2"

MH2
Depth: 11' 9"

MH1
Depth: 13' 6"



MH12
Depth: 10' 3"

MH11
Depth: 14' 4"

MH10
Depth: 15' 5"

MH9
Depth: 19' 10"

MH8
Depth: 19' 8"

MH7
Depth: 16' 0"

MH6
Depth: 15' 8"

N Woodlawn St



MH14

Depth: 12' 9"

MH13

Depth: 15' 10"



UTILITY MAINTENANCE CONTRACTORS, LLC

Date: April 20, 2023

To: City of Bel Aire
7651 E. Central Park Ave.
Bel Aire, KS 67220

Attn: Marty McGee MMcgee@belaireks.gov

Ref: **City of Bel Aire, KS – 2023 Manhole Rehabilitation Project**

Utility Maintenance Contractors, LLC (UMC) places our employee's safety as our top priority on every job, every day. Through safe work practices we can continue to ensure our employee's safety and the safety of those around them. We emphasize that production is a result of working safe. UMC will be responsible for providing its employees with all required safety equipment and conducting regular maintenance and inspection of that equipment.

UMC will meet all minimum industry standards for safety related to this work including but not limited to; PPE, confined space, first aid/CPR/AED training, material handling, ventilation and air monitoring. All onsite UMC employees will follow all OWNER established rules, policies and guidelines regarding safety and security.

1. UMC proposes to provide the labor, supervision, equipment and material to complete the rehabilitation of 14, 4' diameter specified manholes as follows:
 - a. UMC will prep the surface of manhole to be lined. All surface prep will be done with a 5,000 PSI high pressure water blasting to provide a clean, sound surface for coating.
 - b. UMC will remove steps unless composite per project specifications.
 - c. UMC will patch voids using QSR as required per project specifications.
 - d. UMC will rebuild and coat benches as required per specifications.
 - e. UMC will protectively coat the interior surface of the specified manholes with Raven 405 100% solids epoxy coating applied at 125 mils thick. Product specifications attached.
 - f. All products will be applied per their specific data sheets and according to manufacturer recommendations.

Item	Description	Qty	U.O.M.	Unit Price	Extended Price
Base	Rehabilitation of 14 Manholes Located on 53rd Street North	1	Lump Sum	\$129,500.00	\$129,500.00

2. Attachments:
 - i. 100% Solids Epoxy and Primer Specifications
3. Clarifications and exclusions:
 - a. UMC's proposal does not include taxes, city to provide UMC with tax exempt certificate prior to UMC beginning work.


SAFE

QUALITY

SOLUTIONS

- b. UMC's proposal does not include bonding.
 - c. UMC offers a standard (1) one-year warranty on labor and materials, as long as there is no misuse or introduction of non-standard flows to the sewer system.
 - d. There will be no downtime to the sewer system.
 - e. Minimal leak stopping is included. Severe infiltration will be addressed on a case-by-case basis.
 - f. UMC's proposal does not include water for cleaning activities; City to provide water and meter at no cost to UMC.
 - g. UMC has included Traffic Control, excluding major streets or highways.
 - h. UMC's proposal does not include special insurance, permits and fees.
 - i. UMC's proposal does not include site clearing or restoration.
 - j. UMC's proposal does not include removal of any existing coatings beyond the included high-pressure water blasting.
 - k. UMC's proposal does not include any bypass pumping or flow control
 - l. UMC's proposal does not include winter weather controls.
 - m. UMC's proposal does not include BMP's or any erosion control.
 - n. UMC's proposal does not include remediation, hauling or disposal of any hazardous materials discovered during UMC work.
 - o. UMC's proposal assumes uninterrupted access to the job site for the duration of the project once UMC arrives on site to begin work.
 - p. UMC's proposal includes standard confined space entry procedures per OSHA.
4. UMC's payment requirements:
5. UMC will honor the attached prices for 30 calendar days from the time submitted
- a.
 - b. Once UMC has submitted billing payment is required within 30 calendar days
 - c. No retainage will be withheld from payments

We appreciate the opportunity to quote this work.


Tim Aelmore
Project Manager

ACCEPTANCE OF UTILITY MAINTENANCE CONTRACTOR'S PROPOSAL

PLEASE SIGN, DATE & RETURN UPON ACCEPTANCE OF THIS PROPOSAL:

OWNER'S REPRESENTATIVE: (print) _____

OWNER'S REPRESENTATIVE: (signature) _____

DATE: _____

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QUOTE DATE April 19, 2023
QUOTE EXPIRES 30 days from bid date

*****Option 1*****

FROM Austin Torrente

PROJECT 53rd St Manhole Rehabilitation - Bel Aire, KS
BID DATE 4/20/2023

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED
1	Clean out and Line interior of existing 4' diameter manholes with 125 mils Zebtron 386 100% solids polyurethane to prevent corrosion.	212	VF	\$640.00	\$135,680.00

Manholes to be Rehabilitated: MHs 1-14 on map provided in RFP

Each manhole will be cleaned and prepared utilizing high pressure water blasting, remove all debris with Combination Unit high pressure jet/vacuum truck from manholes, all large voids will be filled with Strong Seal QSR, Rehabilitation with Strong Seal cementitious material will be applied to a minimum thickness of 2" followed by a base coat of 100% solids, low temperature epoxy primer, the final application is a corrosion resistant top coat of Zebtron 386 100% solids polyurethane to a minimum thickness of 125 mils. Surface prep and application of materials will be as per manufacturers recommendations.

Customer Responsibilities

- Provide notification to any potential customers that may be affected.
- Provide clean water for equipment and cleanup.
- Provide a dumpsite, within reasonable distance, for deposit of debris removed from manhole cleaning process.
- Provide access for our equipment to all locations as needed; locate, uncover & exercise manhole lids prior to our arrival.
- Defend, indemnify, and hold harmless Mayer Specialty Services, LLC from (1) all claims, damages, and expenses that arise or are incurred because of pre-existing conditions or anything introduced into the system which is not normal sewage, and (2) except to the extent caused by the negligence or willful misconduct of Mayer Specialty Services, LLC, all other claims, damages, and expenses that arise or are incurred during the term of this agreement.

General Terms and Conditions

INCLUSIONS:

- Provide all labor, materials, tools, equipment and supervision necessary to perform work as shown on drawings, defined in specifications and as described herein.

EXCLUSIONS:

- Any disputes regarding this agreement will be decided by arbitration (Construction Industry Rules of the American Arbitration Association.)
- Sales Taxes
- Permits or connection fees of any kind
- Bypass Pumping
- Prevailing Wages/Davis-Bacon Wages
- Traffic Control
- Any pre-jobsite clearance including but not limited to:
 - Safety Training (on-site or online)
 - Badging
 - Drug Testing
 - Background Checks

ACCEPTANCE OF PROPOSAL AND NOTICE TO PROCEED

Authorized Signature _____

Date Signed _____

No retainage may be withheld out of contracts less than \$1,000.00

Thank you for the opportunity to provide pricing

Mayer Specialty Services, LLC

831 Industrial Rd / PO Box 469

Goddard, KS 67052

316-794-1165

316-794-2717



QUOTATION

QUOTE DATE *April 19, 2023*
QUOTE EXPIRES 30 days from bid date

Option 2

FROM Austin Torrente

PROJECT **53rd St Manhole Rehabilitation - Bel Aire, KS**
BID DATE **4/20/2023**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED
1	Clean out and Line interior of existing 4' diameter manholes with Strong Seal Geopolymer to prevent corrosion.	212	VF	\$386.00	\$81,832.00

Manholes to be Rehabilitated: MHs 1-14 on map provided in RFP
Each manhole will be cleaned and prepared utilizing high pressure water blasting, remove all debris with combination unit high pressure jet/vacuum truck from manholes, all large voids will be filled with Strong Seal QSR, Rehabilitation with Strong Seal Geopolymer corrosion resistance cementitious material that will be applied to a minimum thickness of 2". Surface prep and application of materials will be as per manufacturers recommendations.

Customer Responsibilities

- Provide notification to any potential customers that may be affected.
- Provide clean water for equipment and cleanup.
- Provide a dumpsite, within reasonable distance, for deposit of debris removed from manhole cleaning process.
- Provide access for our equipment to all locations as needed; locate, uncover & exercise manhole lids prior to our arrival.
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 - Safety Training (on-site or online)
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 - Drug Testing
 - Background Checks

ACCEPTANCE OF PROPOSAL AND NOTICE TO PROCEED

Authorized Signature _____

Date Signed _____

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Thank you for the opportunity to provide pricing

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