



STAFF REPORT

DATE: June 28, 2021
TO: Ty Lasher, City Manager
FROM: Anne Stephens, Public Works Director and City Engineer
RE: Rock Road Lift Station Lining

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:

At their March, 30th workshop, Council reviewed a preliminary work plan for 2021, which included lining the Rock Road lift station wet well with an epoxy liner.

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 two contractors requesting bids for cleaning and installing a protective liner in the wet well of the Rock Road lift station. This liner will help protect the concrete structure of the lift station from the sewer gasses. The bids are presented below.

Contractor	Total Bid
UMC	\$27,480.00
Mayer	\$26,480.00
Preliminary Opinion of Cost	\$25,000

Financials:

The cost of these improvements will be paid for out of the Lift Station Operations line item in the sanitary sewer budget. This line item currently has a balance of \$42,885.61.

Recommendation:

The City has used both UMC and Mayer in the past and have had good results with both contractors and their products. Staff recommends that the City Council accept the bid from Mayer for the amount of \$26,480.00.



Date: June 23, 2021

To: City of Bel Aire, KS

Attn: Tim Aelmore taelmore@belaire.kscoxmail.com

Ref: **5005 N Rock Rd Lift Station Bypass & Epoxy Lining**

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 following tasks:

Lift Station Bypass & Epoxy Lining:

- a. UMC will set up bypass pumping out of the MH directly South of the wet well and discharge into the valve vault directly North of the wet well utilizing the existing 6-inch connection in the valve vault. UMC has allowed for approximately 20 feet of vertical elevation gain to overcome for the force main and a maximum sewage flow of 100,000 GPD based on information provided by Tim Aelmore. Depending on phasing, UMC may utilize existing lift station pumps periodically and at night throughout the project.
- b. Once the lift station is bypassed, UMC will utilize 5,000 psi pressure washers and a vac truck to wash down the lift station interior and clean out the contents of the lower chamber of the lift station prior to beginning coating prep and application. UMC plans to dump debris at a nearby location provided by the City.
- c. UMC will then prep the interior concrete surfaces of the lift station by sandblasting to remove the existing gray coating. UMC will also sandblast the two (2) 8-in. vertical pipes in the wet well to a near-white metal blast to remove rust and provide the proper surface profile prior to coating.
- d. UMC will apply Raven 405, a high-build, high-performance, 100% solids epoxy lining designed to provide corrosion protection and structural enhancement of concrete and steel in industrial wastewater environments. This coating will be applied to all previously

SAFE

QUALITY

SOLUTIONS

prepared concrete and steel at approximately 125 mils dry film thickness per the manufacturer's product data sheets and recommendations.

- e. The approximate dimensions of the lift station being referenced are 8'ø x 26' deep.
 - f. UMC will adhere to all manufacturer recommendations during the entire coating process, including the final coat inspection and any touch-ups if required.
 - g. UMC will then pull bypass and allow lift station to resume normal operations. Lift station startup will be the responsibility of the City. UMC anticipates approximately 1 week to complete this project, weather depending.
2. UMC will honor the following price for 30 calendar days from the time this proposal has been submitted. UMC's price is:

Item	Description	Qty	U.O.M.	Extended Price
1	Lift Station Bypass & Epoxy Lining	1	Lump Sum	\$ 27,480.00

3. UMC's proposal includes the following qualifications:
- a. CITY to provide clean water at a nearby source for surface prep activities at no cost to UMC
 - b. CITY to provide uninterrupted access to the work areas for the duration of the project
 - c. Disposal of debris created during UMC work to be disposed of at a nearby sewage disposal location at no cost to UMC
4. UMC's proposal excludes:
- a. All taxes, please provide a project tax-exempt certificate or add tax to the proposed price
 - b. Bonding (bid, performance, payment, assurance, statutory)
 - c. Davis Bacon wage rates
 - d. Special insurance, permits and fees
 - e. Traffic control
 - f. Remediation, hauling or disposal of any hazardous materials discovered during UMC work
 - g. Providing as-built drawings once work is complete
 - h. Winter weather or any other weather controls
 - i. Removal or replacement of any equipment from the structure(s) being lined
 - j. Infiltration or groundwater control or remediation during construction activities
 - k. Liability for any release or leaking of City sewage throughout the duration of the project
 - l. Night, weekend or overtime hours
 - m. Site clearing or restoration
 - n. Delays caused by Owner, GC or others may result in standby rates being charged
 - o. Customer scope of work changes
 - p. Liability for work performed by others
 - q. Responsibility for job site access restrictions
 - r. Changes due to actual conditions discovered at the job site
5. UMC's payment requirements:
- a. Once UMC has submitted billing, payment is required within 30 calendar days
 - b. No retainage to be withheld from payments

We appreciate the opportunity to quote this work.



Kyle Long
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:



QUOTATION

QUOTE DATE *June 21, 2021*
QUOTE EXPIRES 30 days from bid date

FROM Austin Torrente

PROJECT **N. Rock Rd. Lift Station Lining - Bel Aire, KS**
BID DATE **6/23/2021**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED
1	Line interior of existing 8' diameter by 26' deep lift station with 125 mils Zebron 386.	1	LS	\$26,480.00	\$26,480.00
TOTAL					\$26,480.00

Customer Responsibilities

- STRUCTURES SHALL BE BARE CONCRETE ON THE INTERIOR, CLEAN AND FREE FROM ANY LEAKS OR FLOW. ALL PIPE AND ELECTRIC CONDUIT PENETRATIONS SHOULD BE INSTALLED AND GROUTED IN PLACE PRIOR TO OUR ARRIVAL.
- Provide clean water for equipment and cleanup.
- Provide a dumpsite, within reasonable distance, for deposit of debris removed.
- Provide access for our equipment to all locations as needed.
- 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.
- Square footage above based on plans/if actual footage lined exceeds what is listed above additional charges will apply.
- Structure shall be bare concrete, clean and free from any leaks or flows.

EXCLUSIONS:

- Major concrete repair
- 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
- Prevailing Wages/Davis-Bacon Wages

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