

CITY OF BEL AIRE  
STAFF REPORT

**DATE:** May 3, 2022  
**TO:** Ty Lasher, City Manager  
**FROM:** Dave Leiker, Public Works Director  
  
**RE:** Fire Hydrant and Valve Replacement Proposal

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BACKGROUND

Every year Sedgwick County Fire Department tests and inspects all fire hydrants in Bel Aire and generates a report of hydrants that are in need of repair or replacement. Public Works staff has verified this information and made repairs to all the hydrants that were in this 2021 report. There are six hydrants that are identified in the report as leaking or difficult to operate and are in need of replacement.

DISCUSSION

In the past, when new water lines were installed the hydrants were typical replaced. However, these hydrants in need of replacement are on water mains which are fortunately in good condition. Three out of the six hydrants that need replaced do not currently have independent shut-off valves associated with them. These three hydrants require an isolation valve to be installed so maintenance can be performed without shutting off water to residents. One of the six hydrants is no longer needed because there was a new hydrant installed across the street. So there is no need to replace this hydrant but we need to eliminate it and install a valve in its place to allow for better water system isolation.

Summary of hydrant and valve replacements is as follows: **REMOVE AND REPLACE FIVE (5) HYDRANTS, REMOVE ONE (1) FIRE HYDRANT, ADD FOUR (4) GATE VALVES**

RECOMMENDATION

Funding is available in the water system and repair budget for this project and staff recommends the low bid from Utility Maintenance Contractors for the amount of \$39,175.



9210 E. 34<sup>th</sup> St. North  
Wichita, KS 67226

Phone: (316) 634-2199  
Fax: (316) 634-6071

McX Job# 22101

Estimator: Joe Dinsmore

April 6, 2022

To: City of Bel Aire, KS  
Public Works Department  
c/o Dave Leiker  
4103 N Woodlawn  
Bel Aire, KS 67220

**Replacement of Fire Hydrants and Isolation Valves  
Various Locations – Bel Aire, KS**

McCullough Excavation is pleased to provide the following proposal for the replacement of fire hydrants and isolation valves in Bel Aire, KS. We have included material, labor, and equipment costs for the following items.

#	Description	Qty	Unit	Unit Cost	Extended
1	4041 WOODLAWN CT	1	LS	\$ 11,750.00	\$ 11,750.00
2	6610 RODEO	1	LS	\$ 10,250.00	\$ 10,250.00
3	4246 N ST JAMES	1	LS	\$ 10,750.00	\$ 10,750.00
4	4259 STRATFORD	1	LS	\$ 11,750.00	\$ 11,750.00
5	6539 DANBURY	1	LS	\$ 13,500.00	\$ 13,500.00
6	3953 EDGE Moor	1	LS	\$ 13,350.00	\$ 13,350.00

**Total Bid Amount** ..... **\$71,350.00**



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**Clarifications:**

- We have assumed installing isolation valves on the branch of the tee at the main to allow for restraint for future maintenance
- All lines are assumed to be less than 5 feet in depth
- For bidding purposes, we have assumed we will be able to connect to an existing mechanical joint tee to install the new isolation valves where desired. If a new tee will be needed, we reserve the right to adjust our pricing for this work accordingly
- For purposes of this bid, we have assumed all mains to be ductile iron or PVC.

**Inclusions:**

- Sidewalk Removal & Replacement as necessary
- Reconnection To Existing mains
- Site restoration of disturbed areas

**Exclusions:**

- Sales Tax
- Bond Fees
- Testing of new fire hydrants
- Submittal of Bacteriological samples after completion of work

# Nowak Construction

PO Box 218  
200 South Goddard Rd  
Goddard, KS 67052

Phone: (316) 794-8898  
Fax: (316) 794-2243

<b>To:</b>	Bel Aire, Kansas	<b>Contact:</b>	Tim Aelmore, Dave Leiker
<b>Address:</b>	Public Works Department Bel Aire, KS	<b>Phone:</b>	316-744-8609
<b>Project Name:</b>	Replacement Of Fire Hydrants And Isolation Valves	<b>Fax:</b>	
<b>Project Location:</b>	Bel Aire, KS	<b>Bid Number:</b>	
<b>Addendum #:</b>	0	<b>Bid Date:</b>	4/6/2022

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
1	4041 Woodlawn CT ( Fire Hydrant Only)	1.00	EACH	\$6,000.00	\$6,000.00
2	6610 Rodeo (Fire Hydrant Only)	1.00	EACH	\$6,000.00	\$6,000.00
3	4246 N St James ( Fire Hydrant And Isolation Valve)	1.00	EACH	\$8,900.00	\$8,900.00
4	4259 Stratford - ( Fire Hydrant And Isolation Valve)	1.00	EACH	\$8,900.00	\$8,900.00
5	6539 Danbury - ( Remove Fire Hydrant Add 6" Line Valve)	1.00	EACH	\$6,850.00	\$6,850.00
6	3953 Edgemoor - ( Fire Hydrant And Isolation Valve)	1.00	EACH	\$7,750.00	\$7,750.00

**Total Bid Price: \$44,400.00**

## Notes:

- No Sales Tax
- Bond and Insurance included
- Site Restoration Included

<b>ACCEPTED:</b> The above prices, specifications and conditions are satisfactory and are hereby accepted.  <b>Buyer:</b> _____ <b>Signature:</b> _____ <b>Date of Acceptance:</b> _____	<b>CONFIRMED:</b> <b>Nowak Construction</b>  <b>Authorized Signature:</b> _____ <b>Estimator:</b> Alan Blough (316) 794-8898 alan@nowakconstruction.com
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Date: April 5, 2022

To: City of Bel Aire, KS

Attn: Dave Leiker

Ref: **REPLACEMENT OF 6 FIRE HYDRANTS AND ISOLATION VALVES AT VARIOUS LOCATIONS – City of Bel Aire, KS**

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 task listed : **REMOVE AND REPLACE FIVE (5) FIRE HYDRANTS, REMOVE ONE (1) FIRE HYDRANT, ADD FOUR (4) 6" GATE VALVES**
  - a. UMC will call in locates prior to beginning work
  - b. UMC will provide all material to complete task
  - c. UMC will excavate, and backfill any trench made to complete this task
  - d. UMC will use fill sand to protect pipe (8" above pipe)
  - e. UMC will install pea gravel around bowl of fire hydrant to protect weep hole
  - f. UMC will communicate with City of Bel Aire for all scheduling
  - g. UMC will install fire hydrants per City of Wichita Spec unless otherwise notified by City of Bel Aire
  - h. All pipe and fittings that is installed is to be swabbed and clean
  - i. UMC requires owner to provide uninterrupted access to job sites

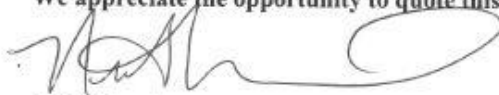
Item	Description	Qty	U.O.M.	Unit Price	Extended Price
Base	<b>REPLACEMENT OF 6 FIRE HYDRANTS AND ISOLATION VALVES AT VARIOUS LOCATIONS</b>	1	LS	\$39,175.00	\$39,175.00

**SAFE      QUALITY      SOLUTIONS**

P.O. BOX 4780 // WICHITA, KS 67204 // (316) 945 8833 // VISIT US ONLINE AT [WWW.UMCLLC.COM](http://WWW.UMCLLC.COM)

2. UMC's proposal excludes:
- a. All taxes, please provide a 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 other than cones and work ahead signs
  - f. Pavement removal and replacement
  - g. Groundwater pumping/dewatering
  - h. Site clearing or restoration other than rough grading
  - i. Remediation, hauling or disposal of any hazardous materials discovered during UMC work
  - j. Providing as-built drawings once work is complete
  - k. Winter weather or any other weather controls
  - l. Night, weekend or overtime hours
  - m. Delays caused by Owner or others may result in standby rates being charged
  - n. Hauling off or disposal of debris that does not pertain to project
  - 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
3. UMC's payment requirements:
- a. UMC will honor the above pricing for 45 calendar days from the time submitted:
  - 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.



Nick Manning  
General Superintendent

**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: \_\_\_\_\_

**SAFE**

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