

Issue Analysis Form

Date: October 27, 2020

Item: Award of Contract for Water Tank Maintenance

Lead Department: Engineering & Utilities

Contact Persons: Frank Haltom, Director



Description and Current Status

Inspections of the county's six water storage tanks has been performed by Suez, a water system consultant. The inspection of the Middle Road water tank revealed damage to the safety ladder and significant corrosion of the tank interior. The continued corrosion of the tank could cause a loss of the asset. The ladder must be replaced to meet OSHA safety requirements.

This project will be completed utilizing the cooperative language provided in the City of Manassas service contract for maintenance of water storage tanks. Individual awards for specific projects in excess of \$50,000 require Board approval. Staff recommends an award of the contract for the maintenance and repair of the Middle Road water tank to Suez for \$167,351.18

The Government Path

- | | | |
|---|---|--|
| Does this require IDA action? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Does this require BZA action? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Does this require Planning Commission action? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Does this require Board of Supervisors action? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

Board Action Requested:

A resolution to award the contract for the maintenance and repairs of the Middle Road water tank to Suez for \$167,351.18.

Fiscal Impact Statement

The appropriated budget within the Utility CIP fund will cover the cost of these services and no additional appropriation is required

Prince George County Impact

Award of this contract to Suez will provide the maintenance and repairs to the Middle Road water tank to ensure continued service to water customers. Maintenance will be scheduled during a time to limit impacts to customers.

Notes

None.

Board of Supervisors
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia, this 27th day of October, 2020:

Present:

Donald Hunter, Chairman
Alan R. Carmichael, Vice-Chair
Floyd M. Brown, Jr.
Marlene J. Waymack
T. J. Webb

Vote:

A-3

On motion of _____, seconded by _____, which carried unanimously, the following Resolution was adopted:

RESOLUTION: AWARD OF CONTRACT FOR THE MAINTENANCE AND REPAIRS OF THE MIDDLE ROAD WATER TANK TO SUEZ

WHEREAS, Suez, a water system consultant, has completed the inspections of the county's six water storage tanks; and

WHEREAS, the inspection of the Middle Road water tank revealed damage to the safety ladder and significant corrosion of the tank interior. The continued corrosion of the tank could cause a loss of the asset. The ladder must be replaced to meet OSHA safety requirements.

WHEREAS, this project will be completed utilizing the cooperative language provided in the City of Manassas service contract for maintenance of water storage tanks. Individual awards for specific projects in excess of \$50,000 require Board approval. Staff recommends an award of the contract for the maintenance and repair of the Middle Road water tank to Suez.

NOW, THEREFORE BE IT RESOLVED that the Board of Supervisors of the County of Prince George this 27th day of October, 2020, hereby awards the contract for the maintenance and repairs of the Middle Road water tank to Suez for \$167,351.18.

A Copy Teste:

Percy C. Ashcraft
County Administrator



Proposal from
UTILITY SERVICE CO., INC.

535 Gen. Courtney Hodges Blvd · P O Box 1350 · Perry, GA 31069
Toll-free: 855-526-4413 | Fax: 478-987-2991
suez-na.com

Date: 10/14/20

Submitted by: **Hunter Dance**

Local Phone: **804-510-8968**

SFID: 66025

CN:

SO:

Proposal Submitted To: Prince George County Utilities			Phone Number: 804-722-8689	Fax Number:	
Street Address: 6602 Courts Drive			Description of Work to be Performed: Interior & Exterior Renovation and Repairs		
City: Prince George	State: VA	Zip Code: 23875	Tank Name: Middle Road		
Accounts Payable Contact Name: Dawn Parent	Email: dparent@princegeorgecountyva.gov		Job Site Address: 4700 Romans Road		
Job Contact (Inspection Reports): Frank Haltom	Email: fhaltom@princegeorgecountyva.gov		County / Parish: Prince George	Tank Size: 500,000	Tank Style: Pedesphere

Utility Service Co., Inc. agrees to provide all labor, equipment, and materials needed to complete the following:

Interior Renovation

1. A date shall be coordinated by both parties for the Owner to drain the tank.
2. Abrasive blast clean the complete interior to a SSPC-SP10 "Near White" finish.
3. Remove all dust and blast products by high-pressure air, vacuum cleaning or brushing and apply the first coat of paint before any surface rust develops.
4. Using Epoxy thinned 10%, stripe paint all welded/lap seams and pitted areas with a roller or brush.
5. Apply one (1) full coat of Epoxy at a DFT of 4 to 6 mils to the complete interior of the tank, riser pipe, and all other interior surfaces.
6. Apply a second full coat of Epoxy at a DFT of 5 to 7 mils to the complete interior of the tank, riser pipe, and all other interior surfaces.
7. Total minimum dry film thickness (DFT) for the interior two coat system is 9 mils dry.
8. Depending on the surface temperature, the coatings will be allowed to cure as stated on the product data sheet.
9. Provide adequate ventilation during curing.
10. After the liner has properly cured, the interior surfaces shall be disinfected per A.W.W.A. Spray Method No. 2 (200 PPM The spent abrasive media shall be tested per TCLP (8) Heavy Metals as mandated by the State
11. After the liner has properly cured, the interior surfaces shall be disinfected per A.W.W.A. Spray Method No. 2 (200 PPM The spent abrasive media shall be tested per TCLP (8) Heavy Metals as mandated by the State.
12. Once the test results confirm the non-hazardous status of the wastes, the spent abrasives shall be disposed of properly. The Tank will be disinfected, sealed and made ready for service.

Please sign and date this proposal and fax one copy to our office.

One Hundred Sixty Seven Thousand Three Hundred Fifty One Dollars and ----

-----18/100

Dollars

\$167,351.18

Payment to be made as follows:

Payment Due in Full Upon Completion of Work – plus all applicable taxes

Remittance Address: Utility Service Co., Inc., P O Box 207362, Dallas, TX 75320-7362

All material is guaranteed to be as specified. All work to be completed in a substantial workmanlike manner according to specifications submitted, per standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized
USCI Signature _____

Note: This proposal may be withdrawn by us if not accepted within Sixty (60) days.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Fiscal Yr Beginning Month _____

Signature _____

Date of Acceptance _____

Printed Name _____



Proposal from
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Middle Road Tank / Prince George County

Wet Interior Repairs:

1. Remove the Cathodic Protection system from the tank and dispose of all system parts including outriggers and connections. Seal up any unused penetrations by plate welding.
2. Remove and dispose of the wet interior ladder Rigid Rail Safety Climb system
3. Install new stainless steel cable Safety Climb system
4. Grind down any scab welds on the interior surface of the tank prior to coatings being applied.

Dry Interior Renovation:

1. Abrasive blast clean to a SSPC-SP 6 and apply two coats of high performance epoxies

Dry Interior Repairs:

1. Remove and dispose of dry interior ladder cage system. Grind down edges where cage system was removed.
2. Seal up the gaps on the dry interior ladder straps by plate welding closed. Properly prep the steel to achieve Anchor Profile for new coatings to be applied.
3. Remove the Rigid Rail Safety Climbs from the 3 Dry Interior ladders and replace with 3 new Cable Style safety Climbs. Install all necessary parts including the cable guides for each system.
4. Install gasket material around the Crows Nest hatch door to provide air tight seal to prevent bugs and bees from entering the tank.
5. Drill Weep holes in platform landing to allow for proper drainage.
6. Install insulation on the top drain valve under the belly of the tank to assist in keeping it from freezing.
7. Remove all dry interior pipe insulation to allow for the pipes to be cleaned, inspected, and coated. Re-install insulation once renovation is completed.

Exterior Repairs/Renovation

1. Complete exterior shall be fully pressure washed to remove mildew and bio-growth
2. Remove and dispose of the current vent and replace with a new 24" Pallet Style Vent
3. Install new insect resistant overflow screen
4. Install Sheet Metal strip with bands around the Air Gap of the Dry Access tube on the roof of the tank