



Proposal From  
**UTILITY SERVICE CO., INC.**

1230 Peachtree St NE · Suite 1100 - Promenade · Atlanta, GA 30309

Toll-free: 855-526-4413 | Fax: 478-987-2991

utilityservice.com

Date: 11/26/18

Submitted by: **Stephen Calhoun**

Local Phone: **478-960-1066**

SFID:

CN:

SO:

Proposal Submitted To: <b>City of Alachua, FL</b>			Phone Number: <b>386-418-6100</b>		Fax Number:	
Street Address: <b>15100 NW 142 Terrace</b>			Description of Work to be Performed: <b>Exterior Renovation Containment/Lead Abatement</b>			
City: <b>Alachua</b>		State: <b>FL</b>	Zip Code: <b>32615</b>	Tank Name: <b>Mebane School Tank</b>		
Accounts Payable Contact Name: <b>Scott Roane</b>		Email: <b>sroane@cityofalachua.org</b>		Job Site Address: <b>NW 140<sup>th</sup> Street Alachua, FL</b>		
Job Contact (Inspection Reports): <b>Scott Roane</b>		Email: <b>sroane@cityofalachua.org</b>		County / Parish: <b>Alachua</b>	Tank Size: <b>150,000</b>	
				Tank Style: <b>Elevated</b>		

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

**Exterior Renovation/Containment**

1. All exterior surfaces shall be abrasive blast cleaned to a "Commercial" finish, removing all existing paint, rust, dirt, mill scale, and foreign matter by the recommended methods outlined in the Society for Protective Coatings Specification, SSPC-SP No.6. The commercial additive Blastox shall be added to the blast media.
2. After abrasive cleaning, all surfaces shall be cleaned of any dust residue or foreign debris.
3. A containment system shall be utilized to meet the emission control requirements of a Class 3 System, as specified in SSPC-Guide 6 (CON), Guide for Containing Debris Generated During Paint Removal Operations, dated December 1, 1997.
4. An onsite dust collector shall be utilized during all abrasive blasting operations. Said dust collector shall be at a minimum of 40,000 CFM of capacity.
5. One (1) full primer coat of Tnemec Series 94h20 zinc coating shall be applied to 100% of exterior surfaces.
6. One (1) full intermediate coat of Tnemec Series 69 epoxy coating shall be applied to 100% of exterior surfaces.
7. One (1) full finish coat of Tnemec Series 72 urethane coating shall be applied to 100% of exterior surfaces.

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

One Hundred Thirteen Thousand Nine Hundred Seven and -----00/100 Dollars **\$113,907.00**

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 674233, Dallas, TX 75267-4233**

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

*Wanlll*

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 \_\_\_\_\_

# **ATTACHMENT A**

## **Scope of Work** **Mebane Elevated Storage Tank Maintenance**

### **Introduction**

The Mebane Elevated Storage Tank is evaluated and inspected on a regular basis. Inspections typically look for signs of corrosion, leaks, structural integrity, and condition of connections and sanitary items such as the overflow discharge and vent screening.

### **Scope of Work**

The purpose of this scope of work is to continue to provide proper care and maintenance of the Mebane Elevated Storage Tank. While the City Continuous Service Contract with Suez addresses the maintenance needs, this scope identifies the work needed to perform the required surface preparations for the tank exterior. To complete this work, the Mebane Elevated Storage Tank will be removed from service for sufficient time to complete all maintenance work; i.e. surface preparation, perform interior and exterior maintenance needs, and paint both the interior and exterior surfaces.

Contractor shall match existing banners/design labeled on the tank.

### **PROJECT KICKOFF MEETING**

Contractor is responsible to schedule and arrange for a Project Kick-off Meeting to coordinate with the City Project Manager and Operating staff to discuss the following subjects:

1. Schedules.
2. Sequencing of critical path, milestone(s) and work items.
3. Use of site, access, security, etc.
4. Product delivery dates.
5. Contractor's safety plan.
6. Contractor coordination needs and requirements during critical connections and changeovers, and as required to prevent interruption of City facilities and operations.

### **CONTAINMENT**

In reference to the Analytical Results provided by Suez, Contractor shall provide a containment system that meets the requirements of all codes and regulatory agencies having jurisdiction.

### **PAINTING SPECIFICATION**

#### **PART 1 – Submittals**

1. Information Submittals:
  - A. Data Sheets:
    - 1) For each product, furnish a Technical Data Sheet (IDS), the manufacturer's technical data sheets and paint colors available.
    - 2) For each paint system, furnish a Paint System Data Sheet (PSDS).
  - B. Detailed chemical and gradation analysis for each proposed abrasive material.

2. Delivery, Storage and Handling
  - A. Storage:
    - 1) Store products as recommended by the paint manufacturer.
    - 2) Primed surfaces shall not be exposed to weather for more time than recommended by the coating manufacturer.
3. Project Conditions:
  - A. Environmental Requirements:
    - 1) Do not apply paint in temperatures or moisture conditions outside of manufacturer's recommended maximum or minimum allowable.
    - 2) Do not perform final abrasive blast cleaning whenever humidity exceeds 85%, or whenever surface temperature is less than 5 degrees F above dew point of ambient air.

#### PART 2 – Products

1. Manufacturers
  - A. Nationally recognized manufacturers of paints and protective coatings who are regularly engaged in the production of such materials for essentially identical service conditions.
  - B. Minimum 5 years verifiable experience in manufacture of specified product.
  - C. TNEMEC, Kansas City, MO.
2. Abrasive Materials
  - A. Select abrasive type and size to produce surface profile that meets coating manufacturer's recommendations for specific primer and coating system to be applied.
  - B. The abrasive material used for the surface preparation of all paint systems shall be sharp, angular medium grade slag, that has a Moh hardness of 6 – 7, specific gravity of 2.70, and less than 1 % free silica. Abrasive material shall be as furnished by the Harsco Corporation (Black Beauty), or approved equal.
  - C. When required, provide a pre-blend Blastox additive with media.
3. Paint Materials
  - A. Compatibility: Only compatible materials from a single manufacturer shall be used in the work. Particular attention shall be directed to compatibility of primers and finish coats.
  - B. Thinners, Cleaners, Driers, and Other Additives: as recommended by the coating manufacturer.
4. Mixing: multiple-component coatings:
  - A. Prepare using each component as packaged by material manufacturer.
  - B. No partial batches will be permitted.
  - C. Do not use multiple component coatings that have been mixed beyond their pot life.
  - D. Furnish small quantity kits for touch-up and for painting other small areas.
  - E. Mix only components specified and furnished by paint manufacturer.
  - F. Do not intermix additional components for reasons of color or otherwise, even within the same generic type of coating.

#### PART 3 – Execution

1. Provide City Project Manager minimum 7 days advance notice to start of field surface preparation work and coating application work.
2. Schedule inspections of cleaning surfaces and all coats prior to succeeding coat in advance with City Project Manager.
3. Coordination Meeting:
  - A. The Contractor shall arrange a Paint Coordination Meeting at the job site prior to the start of painting between all actual painters performing the Work, Contractor, paint manufacturer, and City. All aspects of surface of surface preparation, paint storage, handling application, and coating systems, shall be reviewed.

- B. If new staff is brought to the project after the Paint Coordination Meeting has been conducted, then a new Paint Coordination Meeting shall be required to be conducted.
- 4. Protection of Items Not to be Painted:
  - A. The storage tank shall be covered during sandblasting and painting to protect adjoining structures and facilities from damage.
  - B. Remove, mask, or otherwise protect hardware, lighting fixtures, switch plates, aluminum surfaces, machined surfaces, couplings, shafts, bearings, nameplates on machinery, and other surfaces not specified elsewhere to be painted.
  - C. Provide drop cloths to prevent paint materials from falling on or marring adjacent surfaces.
  - D. Protect working parts of mechanical and electrical equipment from damage during surface preparation and painting process.
  - E. Protect surfaces adjacent to or downwind of Work area from overspray.
- 5. Surface Preparation:
  - A. Field Abrasive Blasting: Contractor shall be responsible for the disposal of all sandblasting material generated during the project.
  - B. Metal Surface Preparation:
    - 1) Where indicated, meet requirements of SSPC Specifications summarized below.
      - a. SP 6, Commercial Blast Cleaning: Removal of visible oil, grease, dirt, dust, mill scale, rust, coatings, oxides, corrosion products, and other foreign matter, except for random staining limited to no more than 33% of each unit area of surface which may consist of light shadows, slight streaks, or minor discolorations caused by stains of rust, stains of mill scale or stains of previously applied coatings.
      - b. SP 10, Near-White Blast Cleaning: Removal of visible oil, grease, dirt, dust, mill scale, rust, coatings, oxides, corrosion products, and other foreign matter, except for random staining limited to no more than 5% of each unit area of surface which may consist of light shadows, slight streaks, or minor discolorations caused by stains of rust, stains of mill scale or stains of previously applied coatings.
    - 2) The words "solvent cleaning", "hand tool cleaning", "wire brushing", and "blast cleaning", or similar words of equal intent in these specifications or in paint manufacturer's specification refer to the Applicable SSPC Specification.
    - 3) Hand tool clean areas that cannot be cleaned by power tool cleaning.
    - 4) Round or chamfer sharp edges and grind smooth burrs, jagged edges and surface defects.
    - 5) Welds and Adjacent Areas:
      - a. Prepare such that there is:
        - 1. No undercutting or reverse ridges on weld bead.
        - 2. No weld spatter on or adjacent to weld or any area to be painted.
        - 3. No sharp peaks or ridges along weld bead.
      - b. Grind embedded pieces of electrode or wire flush with adjacent surface of weld bead.
    - 6) Blast Cleaning Requirements:
      - a. Do not reuse abrasive, except for designed recyclable systems.
    - 7) Post-Blast Cleaning and Other Cleaning Requirements:
      - a. Vacuum clean enclosed areas and other areas where dust settling is a problem and wipe with tack cloth.
      - b. Reblast surfaces that have started to rust before they are painted.
- 6. Coating Systems
  - A. Provide contrast in color for each coat.
  - B. Exterior Surface

- 1) Surface Preparation: all removable appurtenances, such as roof vents and safety climbing devices, shall be removed prior to any exterior coating work to protect them from contamination by coating application and to ensure they are operational. These items shall be cleaned, protected and stored during the coating work, and if removed then re-installed following the completion of all work.
    - a. Modifications required to make such appurtenances operable, such as repair of screens or straightening of safe climb bars shall be included if necessary.
    - b. Aluminum surfaces are not to be painted and shall be protected from cleaning and coating operations. All repairs and exterior modifications, welding or repair work, shall be completed prior to any exterior cleaning and coating.
  - 2) Exterior Blast: SSPC-SP6 commercial blast the entire exterior, utilizing blastox/pretox, drape containment, bonnet, ground cover, and dust collection as required. Blast cleaning shall provide a surface anchor/profile depth of 1.5 - 2.5 mils on the exterior surfaces. After cleaning, all surfaces shall be thoroughly and completely cleaned of any residue or dust before applying sealer or coating.
  - 3) Prime Coat: apply one full prime coat of Tnemec Series 94 H20 at 2.5 to 3.5 mils DFT.
  - 4) Intermediate Coat: apply one full intermediate coat of Tnemec Series 66 at 3 to 4 mils DFT.
  - 5) Finish Coat: apply one full topcoat of Tnemec Series 72 at 2 to 3 mils DFT. Submit final color for City approval.
- C. Interior Surface
- 1) Surface Preparation: Abrasive blast clean the complete interior to a SSPC-SP10 "Near White" finish. Blast cleaning shall provide a surface anchor/profile depth of 2.5-3.5 mils on the interior wet chamber surfaces. 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.
  - 2) First Coat: apply one full coat of Tnemec Series 94H20 at 2.5 to 3.5 mils DFT to the complete interior of the tank, riser pipe, and all other interior surfaces.
  - 3) Stripe Coat: using Series Tnemec Series 20, stripe paint all horizontal and vertical seams, ceiling overlapping plate edges, ceiling rafters, ceiling support beams, support columns, ceiling to shell joint, nuts, bolts, ladders, pitted areas and other irregular surfaces. Application shall be by spray and back brushed and/or rolled.
  - 4) Finish Coat: apply one full coat of Tnemec Series 141-1255 Beige Pota-Pox 80 at a minimum 12.5 mils DFT to the complete interior of the tank, riser pipe, and all other interior surfaces. Submit final color for City approval.
- D. Depending on the surface temperature, allow the coatings to cure as stated on the product data sheet. Provide adequate ventilation during curing. After the paint system has adequately cured, disinfect the interior using the spray method and seal for service. Notify the owner that the tank has been disinfected and is ready to be filled.
- E. Damaged coatings, pinholes, and holidays, shall have edges feathered and repaired in accordance with the recommendations of the manufacturer, as approved by the inspector. All finish coats, including touch up and damage-repair coats, shall be applied in a manner that will present a uniform texture and color-match appearance.
- F. Cleanup: remove paint spots, oil, or stains upon adjacent surfaces and floors, and leave entire job clean.

## **Schedule**

No work under this agreement shall begin until delivery, by email to Contractor, of City Purchase Order. No vertical containment work shall be permitted prior to March 23, 2020. Contractor shall make all reasonable efforts to complete all exterior surface preparation work and spent blasting media removed from site by March 27, 2020. The Contractor shall make all reasonable efforts to ensure that all work shall be completed by 90 calendar days from delivery, by email to Contractor, of City Purchase Order.

Work on this Contract shall not be conducted on Saturdays or Sundays, or on holidays observed by the City. The regularly scheduled work day shall be defined as Monday to Thursday from 8:00 a.m. to 4:30 p.m. Should the Contractor find it necessary to work outside the regularly scheduled work day, the Contractor shall provide written notice a minimum of 48 hours in advance

## **Payment for Services**

Invoices shall be submitted on a monthly basis to COA.



## City of Alachua

ADAM BOUKARI  
CITY MANAGER

G.B. WILSON, J.D.  
COMPLIANCE & RISK MANAGEMENT DIRECTOR

Name: Rodolfo Valladares, Public Services Director  
Department: Public Services

☒ Approved

☐ Returned

Utility Services, Inc (SUEZ) Maintenance of Elevated Water Tank. This document was reviewed, amended and approved on 01/28/2020 for City Manager Signature.

COMMENT: None

G. Wilson  
Compliance & Risk Management Director

January 28, 2020  
Date