



MANATEE COUNTY FLORIDA

September 17, 2014

TO: All Proposers

SUBJECT:

Request For Proposal (RFP) #14-2887FL
Water Tank (Elevated / Concrete Ground) Maintenance and Inspection Services

ADDENDUM #1

The following items are issued to add to, modify and clarify the Request For Proposal document. Proposals are to be submitted on the specified time and date due, in conformance with the additions and revision listed herein.

A. Clarification Requests as submitted by Proposer's

1. Specification B.03 Interior/Exterior Coatings

General 2. 10% or greater rust to be blasted to SP #10. 10% is a lot of rust, and is the furthest out guideline by SSPC for complete removal. Suggested read: All interior coatings to be completely removed as have been done in the past. Over-coating interior epoxies has proven to delaminate after a few years. This statement also leaves open to contractor that he may or may not have to, and might price as not and come back with change order. The statement made was SSPC states 10% as a maximum however USG never lets it get that far, and I was referencing the exterior because say on the Damn Rd plant elevated has 39,000 sq. ft. on exterior and 10% can you imagine what tank would look like if there was 3900 sq. ft. of rust, Manatee County would not be pleased.

Answer: This is changed to reflect a 5% or greater rust area. B.02 General Requirements: Steel tanks are required at the time of an interior restoration that all submersible surfaces be sandblasted and fully coated.

2. IV. Renovation

Tank Interior Wet Renovations states will be as schedule or intervals not to exceed 5 years. This is the regulation for washout and structural inspections, not for renovations

This section should be labeled washout/structural inspection, because it is out of 62.555 meaning the 5 year regulation put in place Aug of 2003, and finalized Aug 2008. The rest of this section follows the washout guidelines and not renovation.

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Answer: This section indicates that as a minimum the intervals shall not exceed 5 years. It has been changed to reflect the 8 and 10 year intervals.

3. Attachment C

This schedule shows interior renovations being done on an 8 year basis, all basic renovations on Water Storage Tanks average 10 years. We have been addressing Manatee County's and all other Florida customers on an 8 years EXTERIOR renovation because our salt and Florida sun beats up the exterior coatings. However the interior renovations are done on an 11 or 12 year basis, thus averaging 10 years for complete renovations. It will be over kill for the interiors to be done on this schedule. I also want to mention some Companies prefer to brush-blast and over coat and interior, but the coating becomes too brittle after so many years, that are why we totally remove all interior coating to a #10 sandblast every 11 to 12 years, then there are no issues.

Answer: The schedule has been changed to reflect an 8 year cycle for interior renovations and 10 years for exterior renovations.

4. On Elwood Park tanks 1-3, it is likely with the tanks being the age they are, when coatings are removed, they will need to be re-surfaced, with two broom coats of Tamoseal Ultra Kit, or a skim coat of shotcrete, the latter will give the tanks a brand new look as they were just built, otherwise they could have craters and be completely uneven, this is per Crom, Tnemec didn't know this when they gave Manatee County their recommendations. That was only area of question? I would think that should be noted so there is no change order request.

Answer: discussed the question with Crom Corporation and it indicated that Crom is perfectly acceptable with the use of Tnemec only. Mentioned the product Tamoseal Ultra it did indicate that it could be beneficial, did not indicate that it was necessary. This is done for esthetic purposes assuming that there is only some small bubbling or cracking.

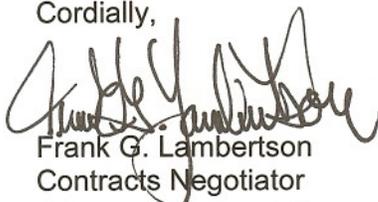
B. ATTACHED CHANGE PAGES TO THE SUBJECT RFP:

1. Page 11 of RFP #14-2887FL
2. Page 17 of RFP #14-2887FL
3. Attachment C (Revised) Scheduled Maintenance

No additional questions will be considered after the issuance of this Addendum.

Proposals are to be prepared as instructed in this Request For Proposals and shall be received at Manatee County Purchasing Office, Suite 803, 1112 Manatee Avenue West, Bradenton, Florida, FL 34205 until **4:00 P.M., September 26, 2014.**

Cordially,



Frank G. Lambertson
Contracts Negotiator

www

coatings shall be as noted or equivalent as determined by a certified NACE inspector contracted or employed by the successful Proposer.

This specification defines the requirements for surface preparation, lining systems, and methods of application for field lining of interior steel and masonry tanks. Steel tanks are required at the time of an interior restoration that all submersible surfaces be sandblasted and fully coated. Masonry Tanks are required that all submersible metal be sand blasted and fully coated including the stand pipe at the time of an interior restoration.

B.03 INTERIOR AND EXTERIOR COATINGS

I. General

1. Use this schedule to select paint materials and the degree of preparation necessary for any repaint.
2. Existing tanks with 5% or greater rust, peeling or softened paint shall be totally prepared to the preparation standard shown and applied with the number of specified coats. All immersion surfaces shall be prepared to the standard shown. Non-immersion items receiving spot preparation shall be spot primed followed by a full prime and finish as specified below.

a. Interior Lining of Potable Water Tanks

Items To Be Coated	Surface Preparation	Painting System #
<u>Potable Water (NSF Approved) Tank Interior Steel and Prestressed Concrete</u>	See specific surface preparation, below.	1

Surface Preparation for Steel: SSPC-SP10 Near White Blast Cleaning.

Coating System for Steel:

Primer: Tnemec Series n140-15BL Pota-Pox PlusTank White @ 3.0-5.0 mils DFT; Stripe coat all weld seams with Tnemec Series N140-00WH White @ 3.0-5.0 mils DFT. Apply by brush to work into welds.

IV. Renovations

A. Tank Interior Wet Renovations:

1. Interior renovations discussed herein shall be performed as required by the schedule or at intervals not to exceed eight (8) years.
2. Each tank shall be carefully examined to determine which method of cleaning, coating and repair shall be required. Detailed specifications meeting the most recent industry standards for all major renovation projects shall be provided for Manatee County Utilities review and comment.
3. Cleaning procedures shall be in compliance with standards and procedures established by the Steel Structure Painting Council (SSPC). Procedures implemented will include: SSPC #1 Solvent Cleaning; SSPC #2 Hand Tool Cleaning; SSPC-SP11 Power Tool Cleaning; SSPC #6 Commercial Cleaning; and SSPC #10 "Near White" blasting.
4. Coating procedures shall be implemented as outlined in AWWA D-102 Standard for coating water storage tanks. All coatings shall be applied in strict accordance with the manufacturer's technical data. All coatings for interior surfaces shall be N.S.F., approved for potable water. All coatings and preparation procedures shall be approved by the Florida Department of Environmental Protection Agency rules and regulations.
5. All man-ways shall be fitted with new gasket material.
6. The interior shall be disinfected in accordance with AWWA. Standards and in compliance with the Florida Department of Environmental Protection Agency.
7. The interior shall be sealed in a watertight condition and made ready for service.

B. Tank Exterior And Interior Dry Renovations:

1. Exterior renovations discussed herein shall be performed as required by the schedule or at intervals should not exceed ten (10) years.
2. Exterior renovations discussed herein shall be performed as required by the maintenance schedule (Attachment C).
3. The exterior shall be cleaned utilizing high pressure water cleaning with solvent as needed to remove mildew, dust, dirt, and surface contaminants. Should a telecommunications tower or equipment be in place on the exterior of the water tower, extreme care should be exercised when performing maintenance near the telecommunications tower or equipment. The successful Proposer shall be notified of any communications equipment additions and review for possible changes to maintenance requirements. Damages caused by such additions are

ATTACHEMENT C (Revised)

**Manatee County Water Treatment Plant Storage Facilities
Visual and Washout Inspections Every Other Year
External and Internal Restorations Every Eight Years**

	2014	2015	2016	2017
Elevated Tank				
Dam Road Tank	Visual Inspection	Exterior Renovation/Washout Inspection	Visual Inspection	Interior Renovation/Washout Inspection
Cortez 59th St Tank	Exterior Renovation/Visual Inspection	Washout Inspection	Visual Inspection	Washout Inspection
North West 75th St Tank	Visual Inspection	Washout Inspection	Visual Inspection	Washout Inspection
Palmetto Elevated Tank	Interior Renovation/Washout Inspection	Visual Inspection	Washout Inspection	Exterior Renovation/Visual Inspection
North County Elevated Tank	Visual Inspection	Exterior Renovation/Washout Inspection	Visual Inspection	Interior Renovation/Washout Inspection
Port Manatee Elevated Tank	Visual Inspection	Exterior Renovation/Washout Inspection	Visual Inspection	Washout Inspection
Concrete Ground Storage				
Waterline Rd-North Tank	Visual Inspection	Visual/Washout Inspection	Exterior Painting:note/Visual Inspection	Washout Inspection
Waterline Rd-South Tank	Visual/Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection
North West Booster	Visual Inspection	Washout Inspection	Exterior Painting:note/Visual Inspection	Visual/Washout Inspection
Cortez Ground Storage	Visual Inspection	Washout Inspection	Visual Inspection	Exterior Painting:note/Visual/Washout Inspection
Elwood Park One	Visual Inspection Exterior Painting/Complete Removal	Washout Inspection	Visual Inspection	Interior Renovation/Visual/Washout Inspection
Elwood Park Two	Visual Inspection	Washout Inspection Exterior Painting/Complete Removal	Visual Inspection	Interior Renovation/Visual/Washout Inspection
Elwood Park Three	Visual Inspection	Washout Inspection Exterior Painting/Complete Removal	Visual Inspection	Visual/Washout Inspection

2018	2019	2020	2021	2022
Visual Inspection	Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection
Visual Inspection	Washout Inspection	Visual Inspection	Interior Renovation/Washout Inspection	Exterior Renovation/Visual Inspection
Visual Inspection	Washout Inspection	Visual Inspection	Interior/Exterior Renovation/Washout Inspection	Visual Inspection
Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection	Washout Inspection
Visual Inspection	Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection
Visual Inspection	Washout Inspection	Visual Inspection	Interior Renovation/Washout Inspection	Visual Inspection
Visual Inspection	Visual/Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection
Exterior Painting:note/Visual/Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection	Visual/Washout Inspection
Visual Inspection	Washout Inspection	Visual Inspection	Visual/Washout Inspection	Visual Inspection
Visual Inspection	Washout Inspection	Visual Inspection	Visual/Washout Inspection	Visual Inspection
Visual Inspection	Washout Inspection	Visual Inspection	Visual/Washout Inspection	Visual Inspection Exterior Painting/Complete Removal
Visual Inspection	Washout Inspection	Visual Inspection	Visual/Washout Inspection	Visual Inspection
Visual Inspection	Washout Inspection	Visual Inspection	Interior Renovation/Visual/Washout	Visual Inspection

2023	2024	2025	2026	2027
Exterior Renovation/Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection	Interior Renovation/Washout Inspection
Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection	Washout Inspection
Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection	Washout Inspection
Visual Inspection	Interior Renovation/Washout Inspection	Exterior Renovation/Visual Inspection	Washout Inspection	Visual Inspection
Exterior Renovation/Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection	Interior Renovation/Washout Inspection
Washout Inspection	Visual Inspection	Exterior Renovation/Washout Inspection	Visual Inspection	Washout Inspection
Visual/Washout Inspection	Visual Inspection	Washout Inspection	Visual Inspection	Visual/Washout Inspection
Visual Inspection	Washout Inspection	Visual Inspection	Visual/Washout Inspection	Visual Inspection
Washout Inspection	Visual Inspection	Visual/Washout Inspection	Visual Inspection	Washout Inspection
Washout Inspection	Visual Inspection	Visual/Washout Inspection	Visual Inspection	Washout Inspection
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