



Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
 ONE CAPITOL HILL
 PROVIDENCE RI 02908

BUYER: Mosca, Gary
 PHONE #: 401-574-8124

CREATION DATE : 30-MAY-13
 BID NUMBER: 7461383-2
 TITLE: REPAIR EXISTING WATER TOWER - URI
 BID CLOSING DATE AND TIME: 24-JUN-2013 10:00:00

B
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 URI ACCOUNTS PAYABLE
 CARLOTTI ADMINISTRATION BLDG
 75 LOWER COLLEGE ROAD, SUITE 1
 KINGSTON, RI 02881
 US

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 URI FACILITIES RECEIVING
 ATTN: SEE BELOW
 SHERMAN BLDG
 KINGSTON, RI 02881
 US

Requisition Number: 1310028

Note to Bidders: Questions concerning this solicitation may be emailed to gary.mosca@purchasing.ri.gov no later than 6/10/13 @ 8:00 AM (EST). Questions should be submitted in a Microsoft word attachment. Please reference the RFQ # on all correspondence. Questions received if any, will be posted on the internet as an addendum to this solicitation. It is the responsibility of all interested parties to download this information.

Line	Description	Quantity	Unit	Unit Price	Total
1	<p>Water Tower repairs - URI per the attached specs</p> <p>A Complete, signed (in ink) offer package must be delivered to the Division of Purchasing (via any mail or messenger services) by the time and date specified for the opening of responses in a sealed envelope.</p> <p>All offers MUST be delivered to:</p> <p>State of Rhode Island One Capitol Hill Providence, RI 02908 Suite 201 ATT: Purchasing</p> <p>Please mark clearly on out side of package BID and bid number of solicitation.</p> <p>Bid security. (a) Bidder security shall be required for all competitive sealed bidding for construction contracts when the bidders exceeds fifty thousand dollars (\$50,000). Bidders security shall be a bond provided by a surety company authorized to do business in this state, or the equivalent in cash, in a form satisfactory to the state. Nothing herein prevents the requirement of bonds on construction contracts under fifty thousand dollars (\$50,000) when the circumstances warrant.</p>	1.00	Each		

Delivery: _____

Terms of Payment: _____

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer

Water Tower Repairs

SECTION 1 – SCOPE OF WORK

The steel water tower with nine support columns was built in 1971 and is approximately 135 feet tall. The diameter of the ellipsoid tank is 75'. Tank capacity is 1,000,000 gallons. The full tank capacity is at a depth of 35.5 ft in the ellipsoid bowl. Direct access to the tank is through a 30" round roof hatch on top accessed by an internal dry access ladder through the center of the tank. It was repainted in 1998 with an epoxy based coating. Paint chip samples indicate that lead exists in the coating and mainly in the primer coat. Communication equipment is installed on the tank and will not be removed during work.

Recent observations of all visible dry surfaces suggests that the subject tank appears to be in sound structural condition with only minor structural deficiencies and localized areas of aggressive corrosive activity which if left unchecked for any extended period of time could compromise the structural integrity and safety of various components of the subject tank or its sanitary nature. Therefore the University has established a detailed scope of work with the intent of preserving the structural integrity of all visible elements of the tank structure for at least an additional (5) years at a minimal cost. Interior water bearing surfaces of the tank are not addressed under this scope of work. Repairs shall be made during dry low humidity weather from April to June. Paint shall be Tnemec brand modified polyurethane primer and polyurethane finish paint to match existing color.

Scope of Work: URI Elevated Tank, Kingston, RI

Attached photos show examples of the work areas noted below but does not represent the entire scope. Photo number corresponds with item number below.

Top of tank to bottom

- 1.) Spot rust on the top of the tank shall be power tool cleaned to an SSPC-SP#3 quality then painted with (3) coats of a modified polyurethane primer or epoxy mastic.
- 2.) The 36"Ø top dry riser perforated metal extension and hatch assembly shall be power tool cleaned to SSPC-SP#11 quality along the exterior and interior surfaces then painted with (2) coats of a modified polyurethane primer and (1) coat of polyurethane finish paint.
- 3.) The dry riser access ladder connections to the access tube including bolted connections to the ladder side rails shall be power tool cleaned to an SSPC-SP#3 quality then painted with (3) coats of a modified polyurethane primer or epoxy mastic.
- 4.) The bowl access manhole neck and retention clamp assembly within the dry riser shall be power tool cleaned to an SSPC-SP#3 quality then painted with (3) coats of a modified polyurethane primer or epoxy mastic.
- 5.) A new locking hasp shall be welded to the interior face of the dry riser painter's manhole assembly. The new hasp and adjacent surfaces shall be power tool cleaned to an SSPC-SP#3 quality then painted with (3) coats of a modified polyurethane primer. Additional welding repairs and recoating shall be performed along the associated hatch cover as needed.

- 6.) New steel shall be welded to the upper dry riser access ladder to reattach it to the condensate deck where metal loss has caused it to break free. The new ladder to deck connections as well as the top face of the interior riser condensate deck shall be abrasive blast cleaned to SSPC-SP#10 quality then painted with (3) coats of a modified polyurethane primer or epoxy mastic. Additional welding repairs shall be performed along the top face of the deck to repair pitting representing a 35% or greater reduction in plate thickness in order to ensure the structural integrity of the surface.
- 7.) New steel shall be welded to the lower dry riser access ladder to reattach it to the dry riser base plate where metal loss is present. The new ladder to base plate connections shall abrasive blast cleaned to an SSPC-SP#10 quality then painted with (3) coats of a modified polyurethane primer or epoxy mastic.
- 8.) Seal weld (3) bolts in the balcony walkway that are exhibiting significant metal fatigue. The repaired bolts shall be power tool cleaned to SSPC-SP#3 quality then painted with (2) coats of a modified polyurethane primer and (1) coat of polyurethane finish paint.
- 9.) Seal weld a 10" crack along the balcony to overflow pipe junction. The repaired surfaces shall be power tool cleaned to SSPC-SP#3 quality then painted with (2) coats of a modified polyurethane primer and (1) coat of polyurethane finish paint.
- 10.) Additional drainage holes should be cut into the balcony walkway surface to alleviate water retention. The accessible surfaces shall be power tool cleaned to SSPC-SP#3 quality then painted with (2) coats of a modified polyurethane primer and (1) coat of polyurethane finish paint.
- 11.) Areas of corrosion along the top face of the balcony deck shall be power tool cleaned to SSPC-SP#11 quality then painted with (2) coats of a modified polyurethane primer and (1) coat of polyurethane finish paint.
- 12.) Seal weld and/or bolt in place (3) handrail diagonal braces on balcony that are no longer secured. The repaired surfaces shall be power tool cleaned to SSPC-SP#3 quality then painted with (2) coats of a modified polyurethane primer and (1) coat of polyurethane finish paint.
- 13.) The 2nd overflow pipe bracket located just below the balcony level shall be power tool cleaned to SSPC-SP#3 quality then painted with (2) coats of a modified polyurethane primer and (1) coat of polyurethane finish paint.
- 14.) The interior and exterior of the base plate at the bottom of the riser inclusive of the anchor bolts shall be abrasive blast cleaned to SSPC-SP#6 quality then painted with (2) coats of a modified polyurethane primer and (1) coat of polyurethane finish paint.
- 15.) Seal weld in place (1) support column anchor bolt where the retention nut is missing.
- 16.) All support column anchor bolts exhibiting corrosion or repair shall be abrasive blast cleaned to SSPC-SP#6 quality then painted with (2) coats of a modified polyurethane primer and (1) coat of polyurethane finish paint.
- 17.) Repair grout, as necessary, along the base of the tank support columns. An estimated 10 linear feet of grout repair is anticipated.

SECTION 2 – MINIMUM QUALIFICATIONS

Bidders must provide all information requested below. Only bids from companies that meet these qualifications will be considered.

- 1.) Bidder shall provide evidence of a minimum of five years work experience of a similar nature to assure the University of your capability to perform the work.
- 2.) Bidder shall complete all parts of the Bid Form relating to work experience and equipment available for use.
- 3.) Bidder shall have proper OSHA training and certifications and use appropriate fall protection equipment. Certificates must be provided for all company employees and subcontractors that will be assigned to the job and climbing the tank.
- 4.) Bidder shall provide pertinent information to the University relative to any pending suits or outstanding liens. If no information is provided by the Bidder, the University shall assume that no such suits or liens exist.
- 5.) Bidder shall provide information on all signed contracts that are not currently in progress where the work remains incomplete. Include the Bidder's name, Contract Amount, and Status.
- 6.) Contractors must perform criminal background checks on employees and employees with criminal records are not allowed on site.

**URI Water Tower Repair
BID FORM
Page 1**

Company Name _____
Authorizing Signature: _____ Date: _____
Name: _____ Title: _____
Company Address: _____
Phone: _____ Fax: _____

Acknowledge Addendum No.: _____ Date: _____
Acknowledge Addendum No.: _____ Date: _____

Similar Work History

Project Name: _____
Dates of Service: From: _____ To: _____
Client Contact Person: _____ Phone: _____
Summary of Work Performed: _____

Project Name: _____
Dates of Service: From: _____ To: _____
Client Contact Person: _____ Phone: _____
Summary of Work Performed: _____

Project Name: _____
Dates of Service: From: _____ To: _____
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Summary of Work Performed: _____

Project Name: _____
Dates of Service: From: _____ To: _____
Client Contact Person: _____ Phone: _____
Summary of Work Performed: _____

**URI Water Tower Repair
 BID FORM
 Page 2**

Any pending suits or outstanding liens? ___Yes ___No, If Yes explain (include nature, date, amount):

Bid Fee:

Service	Units	Rate	Total	Extended Cost
Labor				
Administrative				\$
Foreman				\$
Laborer				\$
Other				\$
Other				\$
Material (itemize)		Cannot exceed manf. list price		
				\$
				\$
				\$
				\$
				\$
Equipment (itemize)		Cannot exceed manf. list price		
				\$
				\$
				\$
				\$
				\$
Total				\$

URI Tank Repair Bid Photos. Examples of work areas noted in Scope of Work.



1. Pitting around top of tank



2. Top of tank dry riser hatch assembly



3. Dry riser access ladder connections



4. Bowl access manhole



5. Painters manhole access door



6. Ladder at condensate deck (midway point)



7. Ladder attachment at base plate



8. Balcony bolts needing seal welding



9. Crack at overflow pipe/balcony junction



10. Drain holes needed in balcony



11. Balcony corrosion



12. Handrail braces needing bolts/seal welding



13. Overflow bracket below balcony



14. Interior base plate



15. Column anchor bolt in need of welding



16. Column anchor bolts with corrosion



17. Column base needing grout