

## NOTICE TO CONTRACTORS

### RAVEN PRODUCT RECOATS FOR 3 WATER STORAGE TANKS & 2 WASTEWATER LIFT STATIONS 2011-2013

Sealed bids in envelopes addressed to the City of Lago Vista, City Municipal Building, 5803 Thunderbird, Suite 100, P.O. Box 4727 Lago Vista, Texas, 78645, will be received at the above mentioned address until 2:30 p.m., Thursday, January 12, 2012 and then publicly opened and read, for furnishing all plant, labor, material and equipment and performing all work required for:

### RAVEN PRODUCT RECOATS FOR 3 WATER STORAGE TANKS & 2 WASTEWATER LIFT STATIONS 2011-13

Bids will be submitted in sealed envelopes for the project on the proposal furnished, and marked in the upper left-hand corner:

**"Raven Product Recoats for 3 Water Storage Tanks & 2 Wastewater Lift Stations 2011-13, to be opened at 2:30 p.m., Thursday January 12, 2012."**

#### Scope:

##### 1. Butler Standpipe Recoat:

Summary: Recoat approximately 3469 Sq. Ft. with Aquatapoxy A-6.

- a. Set up ventilation and dewater tank.
- b. Set up scaffolding.
- c. Abrasive blast walls and floor using Clemtex Green Diamond Media to near white finish.
- d. Remove sand from tank.
- e. Using Silkaflex 1-A, caulk panel edges
- f. Apply Aquatapoxy A-6 at 25-30 mils thick in two coats (15-20 mils each). Allow to set. Install 16" Fiberglass band along the wall to floor intersection.
- g. Perform visual inspection followed by spark test to locate holidays. Repair as needed.
- h. Remove scaffolding. Patch floor as needed. Spark test floor area and repair if needed.
- i. Wash down interior of tank. Remove water.
- j. Re-attach manway. Assist in Bact of tank.
- k. Demobilize.
- l. List estimated project time to complete.

2. **Allegiance Tank Recoat:**

Summary: Recoat rusty seams and ceiling in a 38.7' diameter ground storage tank with Aquatapoxy A-6.

- a. Set up ventilation and dewater tank.
- b. Set up scaffolding.
- c. Abrasive blast ceiling and rusty seams using Clemtex Green Diamond Media to near white finish. Using Silkaflex 1-A, caulk panel edges.
- d. Remove sand from tank.
- e. Apply Aquatapoxy A-6 at 25-30 mils thick in two coats (15-20 mils each). Allow to set. Patch pitting greater than 1/16" or 125 mils using fiberglass embedded into the epoxy. Install 16" Fiberglass band along the wall to floor intersection.
- f. Perform visual inspection followed by spark test to locate holidays. Repair as needed.
- g. Remove scaffolding. Patch floor as needed. Spark test floor area and repair if needed.
- h. Wash down interior of tank. Remove water.
- i. Re-attach manway. Assist in Bact of tank.
- j. Demobilize.
- k. List estimated project time to complete

3. **WTP #1 Clearwell #1 Recoat:**

Summary: Recoat floor, walls and ceiling in a 38.7' diameter ground storage tank with Aquatapoxy A-6.

- a. Set up ventilation and dewater tank.
- b. Set up scaffolding.
- c. Abrasive blast floor, ceiling and walls using Clemtex Green Diamond Media to near white finish. Using Silkaflex 1-A, caulk panel edges.
- d. Remove sand from tank.
- e. Using Silkaflex 1-A, caulk panel edges
- f. Apply Aquatapoxy A-6 at 25-30 mils thick in two coats (15-20 mils each). Allow to set.
- g. Perform visual inspection followed by spark test to locate holidays. Repair as needed.
- l. Remove scaffolding. Patch floor as needed. Spark test floor area and repair if needed.
- m. Wash down interior of tank. Remove water.
- n. Re-attach manway. Assist in Bact of tank.
- o. Demobilize.
- f. List estimated project time to complete

4. **WWTP Lift Station Recoat:**

Summary: Repair exposed rebar, rebuild walls with Quadex Alumaliner, and apply Raven 405 to interior walls and ceiling.

- a. Set up ventilation and safety equipment for confined space entry.
- b. Set up bypass plugs and piping as needed to maintain active sewer while repairs are being performed.
- c. Install scaffolding and screens around pumps.
- d. Prep substrate using 5,000 PSI waterblaster to remove unsound concrete.
- e. Abrasive blast rebar to near white metal, replace rebar if 50% deteriorated. Apply Armatec 100 by Sika Corporation.
- f. Apply Quadex Alumaliner to return walls and ceiling to original dimensions, 3" to 4" on walls and 1" thick on ceiling.
- g. Abrasive blast existing piping.
- h. Apply Raven 405 according to Manufacturer's specifications to walls and ceiling at 100 mils minimum.. Coat piping with Raven 405 at 80 mils thickness.
- i. Remove debris from wetwell using City vacuum truck.
- j. Remove scaffolding, screens and bypass plugs and piping.
- k. Demobilize.
- l. List estimated project time to complete.

5. **Alfalfa Lift Station Recoat:**

Summary: Apply Raven 405 to interior floor, walls & ceiling, and ductile iron piping. The Alfalfa Lift Station has not been designed yet. Calculate the cost to apply Raven 405 to a wet well that is 10" in diameter and 16' deep with three 6" ductile iron pipes in the wet well.

- a. Set up ventilation and safety equipment for confined space entry.
- b. Install scaffolding.
- c. Prep substrate using 5,000 PSI waterblaster to remove unsound concrete.
- d. Abrasive blast existing piping.
- e. Apply Raven 405 according to Manufacturer's specifications to floor, walls and ceiling at 100 mils minimum.. Coat piping with Raven 405 at 80 mils thickness.
- f. Remove debris from wetwell using City vacuum truck.
- g. Remove scaffolding, screens and bypass plugs and piping.
- h. Demobilize.
- i. List estimated project time to complete.

All proposals shall be accompanied by a certified cashier's check upon a national or state bank in the amount of five percent (5%) of the total maximum bid price payable without recourse to the CITY OF LAGO VISTA, or a bid bond in the same amount

from a reliable surety company, as a guarantee that bidder will enter into a contract and execute performance bond within ten (10) days after Notice of Award of contract to him. The bid security must be enclosed in the same envelope with the bid.

Specifications, bidding documents and pre-qualification requirements may be secured from the City of Lago Vista, 5803 Thunderbird, Lago Vista, TX. 78645. Should a bidder find discrepancies in or omissions from the Specifications, he should notify the City of Lago Vista, 5803 Thunderbird, Lago Vista, TX. 78645 telephone (512) 267-1155, and obtain clarification prior to submitting any bid.

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The above Bid Notice shall be published in the Austin American Statesman on the following dates, and an Affidavit of Publication furnished:

**Wednesday, December 28, 2011**

**Wednesday, January 4, 2012**