

INVITATION TO BIDDERS
BID NO. 2021-03

SEALED BIDS, with one (1) original hard copy and one (1) electronic copy, addressed to the City Secretary, will be received at the City of Jersey Village, by mail at 16327 Lakeview Drive, Jersey Village, Texas, 77040-1999, or in the office of the City Secretary at 16327 Lakeview, Jersey Village, Texas, 77040, **until 2:00 p.m. on Tuesday, April 27, 2021**, and then be publicly opened and read aloud for the furnishing of all necessary materials, machinery, equipment, superintendence and labor, etc., for the **Elevated Storage Tank Rehabilitation for the Congo Ln. Elevated Steel Tank (EST) - (Capacity 500,000 Gallons) and the Jersey Tower at 16600 Village Rd. Elevated Steel Tank (EST) - (Capacity 250,000 Gallons) for the City of Jersey Village, Texas.**

Bids shall be submitted in sealed envelopes and marked in the upper left hand corner **“Bid No. 2021-03 Elevated Storage Tank Rehabilitation for the Elevated Storage Tank Rehabilitation for the Congo Ln. Elevated Steel Tank (EST) - (Capacity 500,000 Gallons) and the Jersey Tower at 16600 Village Rd. Elevated Steel Tank (EST) - (Capacity 250,000 Gallons) for the City of Jersey Village, Texas, to be opened at 2:00 p.m. on Tuesday, April 27, 2021.”**

Each bid must be accompanied by Bid Security made payable to the City of Jersey Village in the amount of ten percent (10%) of the bidder’s maximum bid price and in the form of a certified check, cashier’s check or a Bid Bond issued by a surety meeting the requirements of the Contract Documents. The bid security of the successful bidder will be retained until such bidder has executed the Agreement, whereupon the bid security will be returned. If the successful bidder fails to execute and deliver the Agreement within fifteen days after the Notice of Award, Owner may annul the Notice of Award and the bid security of that bidder will be forfeited. Bid security with bids which are not competitive will be returned within ten days after the Bid Opening. Bids without check or bond will not be considered.

The successful bidder must furnish a performance bond and a payment bond each in the amount of 100% of the Contract price from a surety company licensed by the State of Texas.

Complete sets of the bidding documents may be obtained at the offices of the City of Jersey Village, TX, 77040 or online at www.jerseyvillagetx.com under “Latest News.” Upon request, the Scope of work will be emailed, at no charge, to anyone that wishes to bid.

The right is reserved, as the interest of the Owner may require, to reject any and all bids and to waive any informality in bids received. In case of lack of clarity in stating prices, the Owner reserves the right to consider the most advantageous construction thereof, or reject the bid.

Prospective bidders shall carefully examine the specifications and other documents, visit the site of the Work and fully inform themselves as to all conditions and matters which can in any way affect the Work or the costs thereof. Should a bidder find discrepancies in, or omissions from, the plans, specifications or other documents or should he be in doubt as to their meaning, he should at once notify Harry Ward, the Public Works Director for Jersey Village (hward@jerseyvillagetx.com), and obtain clarifications by written addendum prior to submitting any bid.

A pre-bid meeting will be held by the City of Jersey Village in the Civic Center Auditorium at 16327 Lakeview, Jersey Village, Texas, 77040, at **2:00 p.m., Tuesday, April 20, 2021. The pre-bid meeting is not mandatory.**

CITY OF JERSEY VILLAGE
OFFICIAL ADVERTISEMENT

Publication Dates: April 7, 2021 and April 14, 2021
s/Lorri Coody, City Secretary



CITY OF JERSEY VILLAGE, TEXAS

16327 Lakeview Drive, Jersey Village, TX 77040

713-466-2100 (office) 713-466-2140 (fax)

Request for Proposal (RFP) for Rehabilitation of the Elevated Storage Tanks for the City of Jersey Village, Texas March 31, 2021

The City of Jersey Village, Texas (The City) is seeking proposals from companies qualified to rehabilitate elevated storage tanks. Applicants must have three or more years of substantive experience the repair and rehabilitation of elevated storage tanks. Prior experience working for or with a municipality is desired.

BACKGROUND

The City of Jersey Village is located in Harris County and is bounded by the City of Houston and unincorporated Harris County. The City is a home-rule municipality with a 2010 population of 7,620. The City is located 15 miles northwest of downtown Houston and is surrounded by two major highways: U.S. Highway 290 and the Sam Houston Tollway.

The City manages several water storage tanks, two tanks (2) are elevated and the remaining are ground storage tanks. This RFP is for the rehabilitation of the *elevated storage tanks* only. It will be phased per the scope of work and will require coordination with the City's Plant's management so the flow to the City is uninterrupted.

In 2018 the City contracted for an inspection of the tanks. The inspection of both tanks yielded reports that were consolidated by the City into this scope of work.

The below-listed tasks shall constitute a basis for the selected contractor's work product.

SCOPE OF WORK

The City of Jersey Village generally seeks assistance in the following areas:

- Preparations and coordination with the City to temporarily decommission the Congo tank (500,000 gal.) to prepare it for repairs. The City needs to take this tank off-line prior to repair.
- According to the detailed scope of work make the needed repairs on the Congo tank.
- Once completed, Preparations and coordination with the City to recommission the Congo Plant and then temporarily decommission the Village Water Plant tank (250,000 gal.).
- According to the detailed scope of work make the needed repairs on the Village tank.
- Produce a report that sums up the status of the repairs.

SUBMITTAL FORMAT AND CONTENT

All respondents are required to follow the format specified below. Applicants shall base their submittals on the "Detailed Scope of Work."

I. Cover Page. The Proposal shall include the Request for Proposal Title, submittal due date, name address, and telephone numbers.

II. Approach. The Proposal shall include a summary containing not more than two pages delineating the Applicant's approach for meeting the Scope of Work outlined above.

III. Resume, Qualifications, and Experience. This section will contain a description of the Applicant's background, training and experience in elevated storage rehabilitation and a discussion of applicant's prior experience working with municipalities.

- A. Past Experience - The Contractor must demonstrate that they have a minimum of three (3) years' experience providing similar services.

- B. The Contractor's Site Supervisor(s) must each have a minimum of 5 years of relevant experience and shall be well verse to safety protocol.
- B. Licenses and certificates. The respondent must be in good standing and licensed to provide rehabilitation services for elevated storage tanks in the State of Texas.

IV. Conflicts of Interest. The respondent must disclose any potential conflicts of interest which might arise if they were to accept an award of a contract with the City of Jersey Village.

V. Certification. The respondent will provide a certification that the statements contained in their proposal are true and correct to the best of their knowledge.

GENERAL CONDITIONS

I. Choice of Law. The contract regarding these services will be governed and construed in accordance with and pursuant to the laws of the State of Texas.

II. Non-Binding. The City retains the right to reject all submittals. Selection is based on the highest qualified low bid.

SUBMITTAL SCHEDULE & PROCESS

The evaluation of submittals will adhere to the following schedule.

03-31-2021 - Send Bid Proposal to the Houston Chronicle for Publication

04-07-2021 – First Publication

04-14-2021 – Second Publication

04-20-2021 – Pre-Bid Meeting – April 20, 2021 at 2:00 PM – 16327 Lakeview Drive, Jersey Village, TX

04-27-2021 – Bid Opening at 2PM in the Civic Center Auditorium –16327 Lakeview Drive, Jersey Village TX

05-04-2021 – Deadline to submit City Council Award Bid Item for inclusion on agenda for May 10, 2021.

05-10-2021 – City Council Meeting to award bid

One (1) original hard copy and one (1) electronic version of the submittal must be received no later than 2:00 P.M. on April 27, 2021 at the following address:

City of Jersey Village
City Secretary Office
Attn: Lorri Coody
16327 Lakeview Drive
Jersey Village, TX 77040

Submittal envelopes should include the following notation: **DO NOT OPEN – RFP - NO. 2021-03.**
Copies received by FAX or e-mail shall not be deemed delivered or received.

SUBMITTAL EVALUATION CRITERIA

City representatives will review the responses for this RFP which meet the outlined requirements and are received before the designated closing date and time.

Evaluation Factors:

Conformance to the specified RFP format and Organization of Presentation of Content - **5 points.**

Approach – Applicants proposed method of fulfilling the Scope of Work – **20 points.**

Experience and competence in the following: elevated storage tank repairs, and demonstrated expertise in related environmental laws, federal and state – **20 points.**

Experience with Municipalities – **5 points.**

Experience with TCEQ – **20 points.**

Competitive pricing based on experience and credentials – **30 points.**

QUESTIONS

Should you have any questions regarding this RFP, please contact: Harry Ward, PE, Public Works Director at (713) 466-2107 or hward@jerseyvillagetx.com

DETAILED SCOPE OF WORK

The scope of work for the Congo Ln. Elevated Steel Tank (EST) - (Capacity 500,000 Gallons)

1. BACKGROUND

The City of Jersey Village (JV) Water provides drinking water, wastewater collection and treatment to more than 7,700 residential, commercial and governmental customers. JV Water is seeking a vendor to provide all labor, materials, tools, and equipment required to complete a thorough rehabilitation, waste disposal, and disinfection work, including site mobilization, staging, and demobilization of two JV Water pedospheres and appurtenances if needed at each location(s). This scope of work includes the Congo EST.

2. CONTRACTOR MINIMUM QUALIFICATIONS

The Contractor must possess and demonstrate the following minimum qualifications:

1. The Contractor must demonstrate that they regularly engaged in the type of work required and possess a minimum of three (3) years' experience providing similar services.
2. The Contractor's Site Supervisor(s) must each have a minimum of 5 years of relevant experience and shall be well versed in safety protocol.

3. GENERAL REQUIREMENTS

The Contractor shall provide reservoir and tank cleaning services at location(s) while performing duties. All work performed shall be communicated to the Utility Supervisor and in accordance with the guidelines and specifications detailed herein.

- 3.1. The Contractor shall furnish all labor, materials, tools, and equipment required.
- 3.2. The Contractor shall provide all necessary procedures, equipment, and trained and certified personnel for compliance with all applicable regulatory permitting and requirements for Confined Space Entry, and for compliance with OSHA and other safety regulations for the required work. The Contractor shall also comply with all relevant regulatory requirements of JV Water, relevant Federal Regulatory Agencies, and all other applicable regulatory requirements and permitting for the required work.
- 3.3. The Contractor shall maintain a qualified site supervisor in charge of the job site at all working times. The field supervisor shall be approved in writing by the JV Utility Supervisor prior to commencement of work. Any change in supervision must also be communicated in writing prior to the change being effective. The field supervisor shall be responsible for the safety of all site workers and site conditions as well as ensuring that all work is conducted in conformance with the specifications and to the level of quality specified in the contract.
- 3.4. The Contractor shall perform work at only one pedosphere facility at any given time. Once tasks associated with the rehabilitation have been initiated, work shall be performed each consecutive workday until all work at that facility is complete. There must be prep time for the City to manage its pressures and levels prior to work starting so a close coordination with the JV Plants Manager is required.
- 3.5 The project is broken into 2 main Phases, Phase I is for the Congo (500K gal.) and Phase II is for the Jersey site (250K gal.).

4. SITE PREPARATION - PHASE I

4.1. (JV) Water will lower the reservoir/tank water level to between three and five feet of water depth and then coordinate final draining activities with the Contractor. This process will allow (JV) water to assess the operable consequences of isolation of each facility.

4.2. The Utility Supervisor or designee shall notify the contractor within twenty-four hours from the time a reservoir/tank is available for restoration.

5. WORK TO BE DONE BY (JV) WATER

5.1. (JV) Water will provide all shutdowns necessary for this Contract. We will open and close valves for the Contractor on weekdays between 8:00 a.m. and 3:30 p.m., excluding city emergencies. For scheduled shutdowns that extend outside of the normal workday (non-holiday weekdays between 8:00 a.m. and 3:30 p.m.), (JV) Water will open and close valves.

5.2. Under normal circumstances, (JV) Water will attempt to provide shutdowns during the appointed hour. However, for the convenience of the consumers, shutdowns of water mains may be scheduled outside of normal work hours.

6. RESERVOIR ISSUES - Congo

Over the past 2 years JV has engaged for 2 inspections of the tanks. Results of those inspections make up the scope of work for this agreement.

Note: Photos showing the site issues:

1) Anchor Bolts

Photo shows the condition of the anchor bolts. The structural integrity of the anchor bolts should be maintained to withstand 100 mph winds blowing from any direction as required by AWWA D100-11; 3.8 Anchorage.



Bolts

2) Contractor shall clean or replace the area around the anchor bolts, tightening the anchor nuts to specifications, then tack welding the circumference of the nut-to-base plate connections and tack welding the bolt-to-nut connections for preventive maintenance.

3) These photos indicates moderate generalized corrosion on the inlet piping located at the base of the tank. Address this through sanding, painting or other approved practice.



Corrosion at Base



Ladder Photos

- 4) Interior access ladder is not equipped with anti-skid rungs, but is seriously deteriorated. OSHA 1910.23(b)(10) states, "Any ladder with structural or other defects is immediately tagged "Dangerous: Do Not Use" or with similar language in accordance with § 1910.145 and removed from service until repaired in accordance with § 1910.22(d), or replaced;...".

We recommend replacing the existing ladder with an OSHA compliant interior access ladder complete with standoffs every 10' on center and a cable type ladder safety device.

- 5) There is localized corrosion noted on the vent tube.



Vent Tube

- 6) Severe generalized corrosion noted on the top six ladder rungs and rails. The ladder is equipped with a cable style safety climb device but it is also corroded and needs to be replaced.



- 7) There is moderate staining up to the high-water line. There is also crevice corrosion noted on the lap seams and angle roof stiffeners.



- 8) Severe generalized corrosion noted on the wet portion of the access tube and the access ladder and requires replacement.



- 9) Severe generalized corrosion on the bracing noted on the wet portion of the access tube.



10) Indication of an area on the underside of the platform with severe localized corrosion.



11) There is localized corrosion noted on the flange and hardware. The angles shipping bars have never been removed from the expansion joint making this a rigid connection.



DETAILED SCOPE OF WORK

The scope of work for the Jersey Tower at 16600 Village Rd. Elevated Steel Tank (EST) - (Capacity 250,000 Gallons)

1. BACKGROUND

The City of Jersey Village (JV) Water provides drinking water, wastewater collection and treatment to more than 7,700 residential, commercial and governmental customers. JV Water is seeking a vendor to provide all labor, materials, tools, and equipment required to complete a thorough rehabilitation, waste disposal, and disinfection work, including site mobilization, staging, and demobilization of two JV Water pedospheres and appurtenances if needed at each location(s). This scope of work includes the Jersey EST.

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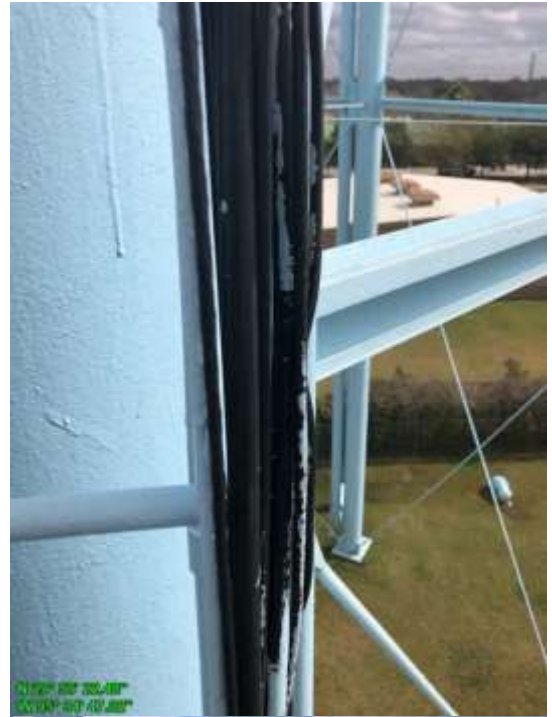
Note: Photos showing the site discrepancy:

- 1) Photo shows the condition of one (1) of the five (5) foundations. AWWA D100- 11; 12.7.1: Height aboveground states, "The top of the concrete foundations shall be a minimum of 6" above the finished grade, unless otherwise specified."

We recommend clearing any dirt, debris and other loose gravel away from the tank foundations, down to a minimum 6" below top of foundations.



- 2) Wires do not maintain a 3" clearance from the ladder rails. OSHA requires a 3-inch clearance.



- 3) Severe localized corrosion is noted on several of the ladder rung to rail connection points.



- 4) The data plate has been painted over.



- 5) Severe corrosion on the rod connection point.



6) Coating failed in this area of the ladder rail.



7) There is severe localized corrosion noted on the underside of the balcony along the splices.



8) Delamination on the welded roof coating is present. One area has severe pinpoint corrosion.



9) Severe localized corrosion is noted on the roof port.



10) Cathodic protection roof port is not properly sealed.



11) There is staining up to the high-water line. Crevice corrosion is noted on the lap seams, along with localized corrosion noted on the roof stiffeners.



12) Severe crevice corrosion is noted on the lap seams.



13) There is staining up to the high-water line. Crevice corrosion is noted on the lap seams, along with severe localized corrosion on the stiffeners, rafters and lap seams.



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