

*Antelope Valley-East Kern Water Agency  
Leona Valley Tank Rehabilitation Inspection Services  
Request for Proposals*

**September 26, 2024**

The Antelope Valley-East Kern Water Agency (AVEK, Agency) is seeking proposals from qualified firms for Construction Management services for an upcoming public works project. Questions regarding this RFP should be directed to Joe Roberts at [jroberts@avek.org](mailto:jroberts@avek.org).

**Due Date:** Friday, October 11, 2024 5:00 pm PST

**Review and Selection by the Agency**

The Agency will review all proposals and will recommend the proposal from a qualified consultant who provides the best overall value for approval by the Agency’s Board. Cost will be considered, but it will not be the sole factor used to compare proposals. The Agency will also consider the qualifications and work history of the proposer. AVEK reserves the right to reject all proposals.

**Project Overview**

The Leona Valley Tank Rehabilitation Project consists of structural repair and recoating of the Agency’s existing 1-million-gallon welded steel water tank. The project also includes construction of a 40,000-gallon temporary water storage system and other ancillary items. A full copy of the contract documents is available upon request.

**Project Location**

The project is located near 6300 Godde Hill Rd, Palmdale, CA.

**Project Schedule**

The project is currently out for public bid with all bids being due September 27<sup>th</sup>. The Agency intends to issue a notice of award to the selected contractor on or around October 16<sup>th</sup>. The following is an approximate project schedule:

Issue RFP	September 26, 2024
Proposals Due	October 11, 2024
Notice of Award and Signed Contract with CM Firm	November 2024
Construction Start	November 2024
Construction Complete	April 2025
Project Close Out	April 2025

### **Inspector Minimum Qualifications**

Coatings Inspector shall meet the following requirements:

- The coating inspector shall possess all standard inspection equipment including calibration certificates and/or field calibration tools.
- The same inspector that initiates inspection services shall be available for all subsequent inspection requirements. Use of multiple inspectors to cover the project will not be permitted. The structural inspector discussed below may be a different person than the coating inspector.
- The coating inspector shall be capable performing the work, including but not limited to the climbing of 30' scaffold assemblies.
- The coating inspector shall have a minimum of 5 years of practical experience performing inspection services on potable water storage tank rehabilitation projects employing 100% solids coating materials with plural component pumps.
- The coatings inspector shall have NACE CIP III Certification.

Structural Inspector shall meet the following requirements:

- The structural inspector may be a different person than the coating inspector discussed above.
- The coating inspector shall be capable performing the work, including but not limited to the climbing of 30' scaffold assemblies.
- The structural inspector shall have a minimum of 5 years of practical experience performing structural inspections on potable water storage tanks.
- Structural inspector shall be a Civil or Structural Engineer licensed in the State of California.

### **Scope of Work**

The selected inspection firm will be expected to provide periodic inspection during key moments of construction and will serve as AVEK's representative on the site. The general scope of work is as follows:

#### **Task 1 – Periodic Inspections**

- Maintain staff on-site to manage the project and ensure work is compliant with project specifications and Agency standards.
- For each site visit, prepare written reports and photo documentation to document weather conditions, number of workers, equipment in use, contractor activities, general activities, and special occurrences.
- Review approved submittals to ensure materials onsite match those that were submitted.
- Coordinate with contractor and the Agency for all inspections and shutdowns.
- Initial verification of contractor's equipment, dehumidification equipment sizing, manpower, supplies, paint storage and all other pre-work considerations.
- Initial verification of compressed air cleanliness and blast media cleanliness.
- Initial verification of tank interior abrasive blasting cleanliness and profile.
- Verification of blast cleanliness/profile immediately prior to coating applications.
- Verification of the thickness and uniformity of each coat.
- Final verification of interior coating thicknesses, uniformity and discontinuity evaluations.
- Verification of interior and exterior waste material testing.

### Task 1 – Periodic Inspections Continued

- Initial verification of exterior hazardous material generation compliancy.
- Verification of exterior preparation and spot preparation.
- Verification of final coating thickness, uniformity and aesthetic appearance.
- Virtual or in-person attendance at weekly construction meetings. Assume 20 1-hour meetings.
- Assume the coatings inspector will be required to be onsite for up to 120 hours of inspection and up to 25 individual visits to the site.

### Task 2 – Structural Inspection and Report

- Perform complete structural evaluation of the existing tank.
- Inspect entire tank after abrasive blasting is completed by contractor.
- Submit a draft structural inspection report within 72 hours of inspection and a signed and stamped copy of the report no less than 7 calendar days after completion of the inspection. Final signed and stamped copy of the report is required to address all Agency comments.
- Inspection report should at a minimum include:
  - Defined limits of items in need of repair or replacement.
  - Minimum material specifications, including steel grade, component sizes, hardware size, hardware grade, hardware torque specification, etc.
  - Description of the tank and its current condition.
  - Photographic documentation of inspection.
  - Detailed repair plan indicating the limits in need of repair.
  - Recommended NDT weld inspection methods and frequency.
    - The Agency will hire a certified welding inspector under a separate contract to perform the work as recommended by the inspection report.
- Review of the contractor's proposed repair methods.
- Periodic inspection while contractor is performing repairs.
- Assume the structural inspector will be required to be onsite for up to 40 hours of inspection and up to 8 individual visits to the site.
- Final inspection after all repairs is completed and before contractor begins final surface preparation.

### Inspection Scheduling

The inspection program specified herein is a surveillance program whereby the inspector will be required to be on-site at critical inspection points throughout the project. Communication is required to be established between the inspector, the contractor, and the Agency to facilitate inspection scheduling. A minimum of 48 hours of notice shall be provided to the inspector by the contractor to fulfill each critical inspection point.

### Proposal Instructions

Proposals should be brief (less than ten pages) and shall include a detailed not-to-exceed price based on the scope of work provided in the RFP. Include a brief company background, three project references from projects of similar size and scope (including contact information), and a one-page resume for the coating and structural inspectors.

The not to exceed cost must include a separate onsite hourly rate and per round-trip travel cost for each inspector classification. All travel time, per diem, lodging, and other travel costs are to be included in the round-trip travel rate(s). Costs associated with preparation of the structural inspection report are to be provided as a lump sum cost.

Proposals are to be submitted via email to Joe Roberts at [jroberts@avek.org](mailto:jroberts@avek.org) no later than 5:00 pm PST Friday, October 11, 2024.