

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**REQUEST FOR TECHNICAL & FEE PROPOSALS TO PROVIDE
MATERIALS TESTING SERVICES FOR THE
SOUTHWEST AQUEDUCT REACH 1 PROJECT**

April 2018

Summary:

Jordan Valley Water Conservancy District (District) invites you to submit a technical and fee proposal to provide materials testing services as defined in this request.

Technical proposals shall be submitted in electronic format (.pdf or .doc).

Submit your fee proposal in electronic format (.pdf or .xls) separately. The technical proposal will be scored independently, without prior knowledge of the fee proposal.

Send the technical and fee proposals to the project manager, Travis Christensen, P.E. at travisc@jvwcd.org by Friday, April 20, 2018 at 3:00 PM

Project Description, Scope, and Budget:

The Southwest Aqueduct Reach 1 Project includes construction of a 66-inch diameter welded steel pipeline and 11 small to large concrete vaults. Quality control testing for the Owner is desired on materials throughout the project, including field and laboratory testing for fill material, concrete, and asphalt pavement.

Site of the Work:

The Southwest Aqueduct Reach 1 alignment begins at the 60" Jordan Narrows Pipeline from an interconnect vault located at 16535 South and 350' west of the Utah Lake Distributing Canal in Bluffdale Utah and will terminate at the Jordan Valley Water Treatment Plant located at 15000 South 3200 West, Herriman, Utah 84065. Concrete work will also be performed at the Point of the Mountain located at approximately I-15 and the boundary of the Salt Lake and Utah Counties, at the Jordan Narrows Pump Station located at 1000 West Narrows Road, and at the interconnect vault and the Jordan Valley Water Treatment Plant listed above as well as along the alignment of the SWA-1.

Specific Project Information:

The scope of work for the materials testing includes concrete cylinder tests, soil sample analysis, and soil density testing. The anticipated project schedule is from July 2018 through June 2019.

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Scope of Work:

1. Concrete Cylinder Tests – Concrete cylinder testing will be required at every major concrete placement throughout the project. Provide preparation and pick-up of concrete cylinders at the project site as requested by the Owner's Project Representative. Provide strength testing of concrete cylinders in a lab. Assume preparation of five (5) concrete cylinders for each test (7 day, 28 day, 28 day, hold, and hold). **It is anticipated that 90 tests will be needed (with five (5) cylinders each).** Additionally, if the 28 day breaks meet the requirements listed in the project specifications then the 56 day breaks will not be tested and will be discarded.
2. Field Concrete Testing - Provide preparation and pick-up of concrete cylinders at the project site. The materials testing firm will be required to test for slump, air, and temperature during each concrete pour. Additional slump and air testing of trucks entering the job site may be requested by the Project Representative. **Assume approximately 180 hours of field concrete testing.**
3. Lab Soil Analysis: Collect backfill samples and provide a lab soil analysis of the samples to determine compaction requirements as requested by the Project Representative. **Assume 10 separate samples will be analyzed for this task.**
4. Field Density Tests: Provide soil and asphalt density testing as requested by the Owner's Project Representative. Density testing will be required to determine if the Contractor is meeting compaction requirements at various locations throughout the project. **Assume approximately 1150 hours of compaction density testing with multiple compaction tests being taken during each visit.**
5. CLSM Cylinder Tests – CLSM cylinder testing will be required for support of the pipe throughout the project. Provide preparation and pick-up of concrete cylinders at the project site as requested by the Owner's Project Representative. Provide strength testing of CLSM cylinders in a lab. Assume preparation of five (5) CLSM cylinders for each test (7 day, 28 day, 28 day, hold, and hold). **It is anticipated that 35 tests will be needed (with five (5) cylinders each).** Additionally, if the 28 day breaks meet the requirements listed in the project specifications then the 56 day breaks will not be tested and will be discarded.
6. CLSM Field Testing - Provide preparation and pick-up of CLSM cylinders at the project site. The materials testing firm will be required to test for slump, air, and temperature during each CLSM pour. Additional slump and air testing of trucks

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entering the job site may be requested by the Project Representative. **Assume approximately 70 hours of field CLSM testing.**

7. Asphalt Extraction-Gradation Tests. **Assume 10 tests.**
8. Mileage: Please provide the approximate mileage to the site, your standard mileage rate and your estimated cost per trip. **Assume 250 trips.**
9. Contingency: Provide testing or services needed on the site that are not included in the above description. Miscellaneous services must be scheduled and approved by the Project Representative prior to testing being performed. **Assume a \$10,000 contingency for this project.**

Proposal and Evaluation:

Technical proposals shall not exceed three (3) pages in length. In the technical proposal, please list key personnel and qualifications for those who will be performing the on-site and laboratory testing. Indicate the availability of the key personnel. Describe the testing process for the tests outlined above and indicate the time it takes to provide the results of each test.

Fee Proposal Instructions:

Technical proposals shall be submitted in electronic format (.pdf or .doc).

Submit your fee proposal in electronic format (.pdf or .xls) separately. The technical proposal will be scored independently, without prior knowledge of the fee proposal.

Send the technical and fee proposals to the project manager, Travis Christensen, P.E. at travisc@jvwcd.org by Friday, April 20, 2018 at 3:00 PM

The amount of the fee proposal will serve as a not to exceed amount. On the fee proposal, please indicate the hourly billing rate for each position, number of hours per task by position, and any fees for reimbursable expenses.

Selection Criteria:

Minimum Qualifications

Proposers are required to meet the following minimum requirements to be considered responsive to the proposal:

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1. Certified Laboratory for the required materials tests,

Any proposals not meeting the minimum criteria may be deemed non-responsive and removed from further consideration. Fee proposals from non-responsive proposals will not be opened.

Selection Criteria	Weight	Maximum Points
1. Demonstrated Qualifications to meet the scope of work:		
a. Project Team of Inspectors and Technicians with the education, expertise, and experience necessary for this project. Higher scores will be awarded if the Project Inspectors and Technicians personally satisfy the defined minimum qualifications.	2	10
b. Firm Resources that satisfy the defined Minimum Qualifications which are available to the project team. Demonstrated availability of firm resources to the project team.	2	10
2. Responsiveness of Work Plan		
a. Clearly written work plan responding to the requirements of this RFP which indicate an understanding of the key issues, deliverables required for this project and any suggested revisions to the scope of work which would lead to a better outcome. Availability, response time, scheduling notice, distance to project site, and report turnaround time will be considered.	4	20
3. Past Performance		
a. Positive references indicating successful past performance on similar projects, including District projects, by the firm.	3	15
b. Positive references indicating successful past performance on similar projects, including District projects, by the proposed Project Manager	1	5
4. Fee Amount		40

Award of Purchase Order

An Award of Purchase Order, if it were awarded, will be made within 30 days of the receipt of the Proposal. It is District policy to only provide an Award of Purchase Order

Professional Service, Inc.
XXXX South XXXX West
Salt Lake City, UT 84XXX

AWARD OF PURCHASE ORDER

The Jordan Valley Water Conservancy District (Owner) hereby accepts your Proposal dated December, 2014. In accordance with your Proposal and the Owner's RFP dated November, 2014, the Owner has created a purchase order in the amount of \$XX,000.00 for the project entitled "Materials Testing Services Central Pipeline Project". The project manager is Frank Roberts, SE. The completion date is December 31, 2015.

You should sign and return this Award of Purchase Order within 10 calendar days from the date of this notice to you.

Please reference the purchase order number and project manager's name when submitting any invoices to the District for payment.

Sincerely,

Alan E. Packard, PE
Assistant General Manager and Chief Engineer

ACCEPTANCE OF AWARD

_____ a corporation qualified to do business in the State of Utah, hereby agrees to perform as specified in its Proposal and this Award of Purchase Order.

Signature

Printed Name

Title

Acceptance Date

Attachments: Proposal