

SAN DIEGO COUNTY WATER AUTHORITY
PROJECT FACT SHEET

The San Diego County Water Authority is requesting bids for the following construction project.

I. PROJECT:

- A. Title: Bulkhead Installation on Pipeline 3 at Miramar Hill and San Diego 5 Turnout, Specification 606A
- B. Owner: San Diego County Water Authority
- C. Location: Pipeline 3 at Miramar Hill work area: The project site is located at Thomas Brother's Guide (2007 Edition) page 1209, Grid F1. Access to the site is limited to public streets and the Water Authority's access roads.
- San Diego 5 Turnout: The project site is located at Thomas Brother's Guide (2007 Edition) page 1209, Grid H4. Access to the site is limited to public streets and the Water Authority's access roads.
- D. Information: Please visit <http://www.sdcwa.org/opps/contracts.phtml> for general information, Project Fact Sheet, Contract Documents Order Form, Plan Holder's List, and links to electronic Contract Documents. You may also contact Melissa Retener by phone at (858) 522-6804, fax at (858) 268-7802 or email at mretener@sdcwa.org.

II. CONTRACT DOCUMENTS:

- A. Available: October 27, 2009 at 4677 Overland Avenue, San Diego, CA 92123.
- B. Available for viewing at:
1. San Diego County Water Authority, 4677 Overland Avenue, San Diego, CA 92123 between the hours of 7:30 a.m. and 5:00 p.m. beginning October 27, 2009. Water Authority offices will be closed on November 11, 2009, in observation of Veterans Day, and October 30, 2009 and November 13, 2009, in keeping with our new office hours which are Monday through Thursday, 7:30 a.m. to 5:30 p.m. and every other Friday thereafter, 8:00 a.m. to 5:00 p.m.
 2. Dodge Plan Rooms: Anaheim, Monrovia, Rancho Cucamonga, and San Diego.
 3. Electronic: EbidBoard or The Network at <http://www.sdcwa.org/opps/contracts.phtml>, the San Diego Daily Transcript at <http://plans.sddt.com>, and Reed Construction Data Online Electronic Plan Room.
 4. Other Plan Rooms: Construction Update, Contracting Opportunity Center, AGC, Bid America, and Kern County Builders' Exchange, Inc.
- C. For ordering copies and pricing information, use the Contract Documents Order Form. A Contract Documents Order Form is available at <http://www.sdcwa.org/opps/contracts.phtml>.

III. PROJECT DESCRIPTION:

- A. Scope of Work: The Work to be performed under this Contract shall consist of furnishing all plant, tools, equipment, materials, supplies, manufactured articles; furnishing all labor, transportation and services, including fuel, power, water, and essential communications; and performing all work, or other operations required for the fulfillment of the Work in accordance with the Contract Documents. Major elements of the Work include:
- A. Provide all necessary equipment, labor, and resources to accept, load, and transport one 74.14-inch and one 71.50-inch inside diameter steel bulkheads, each with a 0.5-inch wall thickness, and two internal reinforcing bands located in the parking lot of the Water Authority's Rancho Penasquitos Pressure Control and Hydroelectric Facility located at 12298 Alemania Road, San Diego, California (southwest corner of Mercy Road and Alemania Road) and transport to access point for the repair sites as shown on Plans. The bulkheads and the internal reinforcing bands are each provided in four pieces for handling and to allow them to pass through the manways. See Contract Documents, Section 01010, Attachment A for a list of items provided by Water Authority.
 - B. Install a temporary bulkhead within the 60-inch Pipeline 3/Pipeline 4 interconnect at Miramar Hill bulkhead to improve air quality in Pipeline 4. Location is shown on plans. Ultrasonic test all full penetration welds in accordance with the Contract Documents, Section 02653, Steel Pipe, Part 3.04, Paragraph B, Item 6.
 - C. Remove the cement mortar lining and prepare the steel pipe at both locations before installing the internal reinforcing bands and bulkheads.
 - D. Install four piece internal reinforcing bands and four piece bulkheads at the Miramar Hill site and at the San Diego 5 Turnout as shown in the details on the Plans. Provide and install backer bars for all butt welds.
 - E. Mortar line the concave (wet side) of the bulkheads and repair the pipe mortar lining at both locations.
 - F. Schedule and execute the repair work such that all welding, mortar repair and other activities are completed so the pipeline can be placed back in service as soon as possible, but no later than specified in the Contract Documents, Section 01010, Summary of Work, Part 1.02.
 - G. Restore site to the satisfaction of the Engineer.
 - H. Provide labor and equipment for the ventilation and air quality monitoring of the pipeline.
 - I. Provide a detailed construction schedule identifying critical construction activities including but not limited to, existing pipe preparation, installation and welding of reinforcing bands and bulkheads and lining repair.
 - J. The Contractor shall be required to begin work at 6:00 p.m. on January 26, 2010, and complete work within the pipeline by 6:00 p.m., January 30, 2010.
 - K. Return any remaining materials to an approved Water Authority location within the County of San Diego.
 - L. The pipeline shall be ready to be placed into service by 6:00 p.m., January 30, 2010.

B. Time of Completion:

1. Complete all work necessary to return Pipeline 3 back to service, on a continuous, 24-hour per day operation, within 96 hours from the time the Water Authority has shutdown Pipeline 3 and made the interior of the pipe accessible to the Contractor. It is anticipated that Contractor will have access between 6:00 p.m. of January 26, 2010 and 6:00 p.m. of January 30, 2010. Time is of the essence for the work.
2. Complete all work to be done under the Contract within 50 days of receipt of Notice of Award.

C. Liquidated Damages:

1. Time is of the essence for starting and completing work on existing Water Authority pipelines. If the work is not completed by the Contractor within the scheduled time period for each shutdown specified in the Contract Documents, the Water Authority will assess liquidated damages in the amounts listed below for each and every calendar day or portion thereof until the work is complete. Liquidated damages will be assessed separately for each milestone delay.
2. In accordance with the Contract Documents, Section 01001, Supplemental Conditions, Part 7.7, Liquidated Damages shall be assessed as described herein:
 - a. Failure to complete the Work specified in Section 01010, Summary of Work, Part 1.02, Paragraph A within the time established: \$2,000 per hour each hour, or portion thereof after the 96th hour.
 - b. Failure to complete the Work specified in Section 01010, Summary of Work, Part 1.02, Paragraph B within the time established: \$2,500 per calendar day, or portion thereof. For determining liquidated damages, a day starts at 6:00 p.m. and ends the following day at 6:00 p.m.

D. Required Insurance Coverage:

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| 1. Commercial General Liability | \$1,000,000 per occurrence |
| 2. Automobile Liability | \$1,000,000 per occurrence |
| 3. Worker's Compensation/Employer's Liability | Per statutory limitations \$1,000,000 per occurrence for Employer's Liability |

E. Construction Cost Estimate: \$50,000 to \$80,000

IV. BID PROPOSAL REQUIREMENTS:

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| A. Bid Opening At: | San Diego County Water Authority, Board Room 4677 Overland Avenue San Diego, CA 92123 (858) 522-6800 |
| B. Date and Time: | November 10, 2009 at 2:00 p.m. |
| C. Required Bid Security: | 10 Percent Bid Bond |
| D. Required Contractors License: | State of California Class "A", General Engineering or Class "C34" Pipeline Contractor |

- E. **Small Contractor Outreach and Opportunities Program:** The Water Authority's SCOOP is designed to maximize participation of diverse, qualified small contractors, consultants and vendors seeking to do business with the Water Authority. Due to the limited scope of this project, the Water Authority anticipates limited subcontracting opportunities. The Water Authority does continue to promote opportunities for small business participation and encourages outreach to small firms should subcontracting opportunities become available on this project. If subcontractors, vendors or material suppliers are to provide services related to this project, the Contractor must satisfy all requirements of the Water Authority's SCOOP Program. Schedule A-1, Designation of All Subcontractors, including Subcontractors/ Vendors/Service Providers is to be completed and submitted as part of bid (refer to Appendix A of Contract Documents.)

- F. **Prebid Meeting:** Prospective bidders are encouraged to attend a Prebid meeting for the proposed project. It is not mandatory for the Bidder to attend a Prebid meeting, but it is highly encouraged. The Prebid meeting will be conducted by the Water Authority at 1:00 p.m. on November 3, 2009. The purpose of the Prebid meeting is to provide a description of the work requirements, describe the bid process and administrative procedures such as the Small Contractors Outreach and Opportunities Program, and insurance requirements; and to receive and answer bidder questions. The Prebid meeting will be held in the Board Room of the Water Authority located at 4677 Overland Avenue, San Diego, California 92123-1233.

- G. **Site Review:** As identified in the "Bidder's Plan for Construction," prospective bidders are encouraged to conduct a site review of the project before bid. The Water Authority will conduct a site visit on November 3, 2009 immediately following the Prebid Meeting. Prospective bidders are required to provide their own transportation during the site visit.