

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: Mission Trails Pipeline Tunnel and Vent Demolition, Specification 582
- B. Owner: San Diego County Water Authority
- C. Location: The project site is located at the western boundary of the Mission Trails Regional Park between Highway 52 and Mission Gorge Road. Access to the site is limited to public streets and the Water Authority's access roads. See Thomas Brother's Guide (2005 Edition) page 1230, Grid A6, and page 1250, Grids B1 and D2.
- D. Information: Please visit <http://www.sdcwa.org/opps/contracts.phtml> for general information, Project Fact Sheet, Contract Documents Order Form, Plan Holders' List, Questions and Answers, and links to electronic Contract Documents. You may also contact Ms. Melissa Retener by phone at (858) 522-6804, fax at (858) 522-6568, or email at [mretener@sdcwa.org](mailto:mretener@sdcwa.org).

II. CONTRACT DOCUMENTS:

- A. Available for purchase April 29, 2008 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 8:00 a.m. and 4:00 p.m.
  - 2. Dodge Plan Rooms: San Diego, Anaheim, Rancho Cucamonga, San Leandro, Denver, Seattle, Salt Lake City, and Phoenix.
  - 3. Electronic: Reed Construction Data Online Electronic Plan Room, EbidBoard or The Network at <http://www.sdcwa.org/opps/contracts.phtml>, and the San Diego Daily Transcript at <http://plans.sddt.com>.
  - 4. Other Plan Rooms: Construction Update, Mountainlands Area Plan Room, Contracting Opportunity Center, AGC Plan Room, Kern County Builders' Exchange, Inc., and Bid America.
- C. To order copies and for 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 Mission Trails Pipeline Tunnel and Vent Demolition project generally involves the construction of a tunneled and trenched pipeline at the western boundary of the Mission Trails Regional Park between Highway 52 and Mission Gorge Road. The pipeline will carry untreated water through the proposed Mission Trails Flow Regulatory Structure II from connections with Pipeline 3 and Pipeline 4 of the Second Aqueduct at approximate Pipeline 3 Stations 4142+70 and 4197+41. The FRS II will be constructed concurrently under a separate contract. Major elements of the Mission Trails Pipeline Tunnel and Vent Demolition Project include:

1. Improving approximately 11,340 lineal feet of access roads for joint and concurrent use with the FRS II contractor (Specification 581) and Pipeline 3 Relining contractor (Specification 584).
2. Constructing approximately 4,520 lineal feet in two separate tunnels to install 92-inch welded steel pipe or 96-inch reinforced concrete cylinder pipe at the Contractor's option.
3. Constructing two shafts totaling approximately 213 lineal feet, each with a steel elbow and vertical riser from the tunnel grade to a point below the ground surface. Construction of these shafts requires coordination with the FRS II contractor, as described below.
4. Constructing approximately 547 lineal feet of trenched pipelines comprising 92-inch welded steel pipe, in two separate reaches each from a tunnel portal to a point where a connection to the Pipeline 3 and/or Pipeline 4 is to be made. Approximately 238 lineal feet of the existing Pipeline 3 will require demolition and removal in addition to that required to effect the connections. A vault, blowoff, and appurtenant facilities are to be constructed on the south trenched pipeline.
5. Effecting a phased connection to Pipeline 3 and Pipeline 4 at the north end of the project and a phased connection to Pipeline 3 at the south end of the project, all as described hereinunder.
6. Demolishing Elliot Vents 1 through 4 and modifying Elliot Vent 5 on existing Pipeline 3 and Pipeline 4.
7. Constructing a low-flow crossing of the San Diego River approximately 1,500 lineal feet northeasterly of the intersection of Mission Gorge Road and Jackson Drive.
8. Demolishing and removing concrete, reinforced concrete, and concrete encased piping in the vicinity of the above-described low-flow crossing.
9. Furnishing, installing, and maintaining construction trailers and appurtenant utilities, guard services, and other facilities at the end of Clairemont Mesa Boulevard.
10. Implementing repairs to the bridge at the end of Clairemont Mesa Boulevard.

B. Required Completion Dates:

1. Provide field offices specified to be used by the Engineer within 104 days from receipt of Notice of Award.
2. Improve existing access roads originating at the Calle de Vida and Clairemont Mesa Boulevard locations that are required to be constructed under this contract for joint use by the FRS II and Pipeline Relining contractors and any Contractor performing work identified in the above major element of work within 120 days from receipt of Notice of Award.
3. Complete construction of the Inlet Shaft and vacate the Inlet Shaft work site within 248 days from receipt of Notice of Award. Refer to Contract Documents, Section 01010, Part 1.02, Paragraph A, Item 1 for the commencement of this temporary exclusive access.
4. Complete construction of the Outlet Shaft and vacate the Outlet Shaft work site within 304 days from receipt of Notice of Award. Refer to Contract Documents, Section 01010, Part 1.02, Paragraph A, Item 1 for the commencement of this temporary exclusive access.
5. Temporary nonexclusive surface access to the Inlet and Outlet Shafts shall end 689 days from receipt of Notice of Award for the purpose of providing ventilation for the Inlet and Outlet

Tunnels and for installing pressure test bulkheads at the top of the shafts where indicated or specified, and vacating the Inlet and Outlet Shaft work sites. Refer to Contract Documents, Section 01010, Part 1.02, Paragraph A, Item 2 for the commencement of this temporary nonexclusive access.

6. Temporary nonexclusive surface access to the Inlet and Outlet Shafts shall end 738 days from receipt of Notice of Award for the purpose of performing pressure testing within specified limits. Refer to Contract Documents, Section 01010, Part 1.02, Paragraph A, Item 3 for the commencement of this temporary nonexclusive access.
  7. Complete all work under this contract that is required to effect the Phase 2 connection to the Pipeline 4 and which requires that Pipeline 4 be taken out of service within 8 days from the time that the Water Authority issues authorization to proceed with the Phase 2 work, by the approximate date specified hereinunder.
  8. Complete work under this contract within 45 days from the planned completion date of the Phase 2 shutdown work, subject to the limited degree of rescheduling that the Water Authority may effect.
- C. Liquidated Damages: In accordance with Section 7.7 of the General Conditions, liquidated damages shall be assessed for failure to comply with the provisions of:
1. Contract Documents, Section 01010, Part 1.02, Paragraph B, Item 1: \$1,000 per day for each field office specified to be used by the Engineer.
  2. Contract Documents, Section 01010, Part 1.02, Paragraph B, Item 2: \$7,500 per day at each location.
  3. Contract Documents, Section 01010, Part 1.02, Paragraph B, Item 3: \$7,500 per day.
  4. Contract Documents, Section 01010, Part 1.02, Paragraph B, Item 4: \$7,500 per day.
  5. Contract Documents, Section 01010, Part 1.02, Paragraph B, Item 5: \$7,500 per day.
  6. Contract Documents, Section 01010, Part 1.02, Paragraph B, Item 6: \$7,500 per day.
  7. Contract Documents, Section 01010, Part 1.02, Paragraph B, Item 7: \$25,000 per day.
  8. Contract Documents, Section 01010, Part 1.02, Paragraph B, Item 8: \$7,500 per day.
- D. Insurance: An Owner-Controlled Insurance Program has been implemented for this project. Under the OCIP, the Water Authority will furnish most of the Workers' Compensation, General Liability, and Builder's Risk insurance associated with construction of the Work. Insurance furnished under the OCIP will cover the Water Authority, the Contractor, and subcontracts (with some exceptions). The Contractor will be required to maintain the following coverages outside the OCIP:
- |                                 |                             |
|---------------------------------|-----------------------------|
| 1. Commercial General Liability | \$1,000,000 per occurrence. |
| 2. Automobile Liability         | \$5,000,000 per occurrence. |
- E. Construction Cost Estimate: \$35,000,000 to \$41,500,000

IV. BID REQUIREMENTS:

- A. Bid Opening At: San Diego County Water Authority, Board Room  
4677 Overland Avenue  
San Diego, CA 92123  
(858) 522-6804
- B. Date and Time: June 17, 2008 at 2:00 p.m.
- C. Required Bid Security: 10 Percent Bid Bond.
- D. Required Contractors License: General Engineering Class "A", State of California
- E. Small Contractor Outreach Opportunity Program: The Water Authority's Small Contractor Outreach and Opportunities Program is designed to maximize participation of diverse qualified small contractors, consultants, and material suppliers seeking to do business with the Water Authority. Effective implementation of SCOOP is a requirement of the project and award of a contract will be determined, in part, by the Contractor's demonstrated effort in conducting effective outreach to small contractors. Failure to comply with the requirements herein shall render the bid as non-responsive.
- F. Prebid Meetings at: San Diego County Water Authority, Board Room  
4677 Overland Avenue  
San Diego, CA 92123  
(858) 522-6804
- First Prebid Meeting: May 8, 2008 at 10:00 a.m.
- Second Prebid Meeting: June 4, 2008 at 10:00 a.m.
- G. Site review is encouraged, but is not mandatory. Site visits will be conducted immediately following each of the Prebid meetings listed above. Prospective bidders are required to provide their own transportation.