

SECTION 01030 - EXISTING FACILITIES

PART 1 - GENERAL

1.1 WORK INCLUDED IN THIS SECTION

- A. The WORK of this Section includes requirements for connection to and abandonment of existing water facilities.

1.2 CONDITION OF EXISTING FACILITIES

- A. The DISTRICT does not warranty the condition of existing facilities.

1.3 LOCATION

- A. The CONTRACTOR shall be responsible for determining in advance the location, vertical elevations, alignment, and pipe outside diameters, joints, materials of construction, and shape of all existing pipelines to which connections are to be made.

PART 2 - PRODUCTS

- A. All materials used in making the connection to or removing the facility from service shall conform to the applicable sections of these specifications.

PART 3 - EXECUTION

3.1 CONNECTION TO EXISTING FACILITIES

- A. Unless otherwise shown on the plans, specified herein, or directed by the DISTRICT, all connections shall be performed by the DISTRICT, unless approved otherwise.
- B. If approved otherwise, the CONTRACTOR shall make the connection in accordance with the DISTRICT's Tie-In Resolution 97-35 included in Part 4, Appendix to this section.
- C. The CONTRACTOR shall furnish all pipe and materials including furnishing all labor and equipment necessary to make the connections, all required excavation, backfill, pavement replacement, lights, and barricades.
- D. The CONTRACTOR may be required to provide high-lines, and fittings as part of the equipment for making the connections. The CONTRACTOR shall assist the DISTRICT in alleviating any hardship incurred during the shutdown for connections.

- E. Where connections are made to existing valves, the CONTRACTOR shall furnish and install all temporary blocking and/or anchors as required by the DISTRICT, and the CONTRACTOR shall replace the gate well and valve box to the proper grade.
- F. Only DISTRICT's personnel shall be authorized to operate existing valves. The CONTRACTOR shall be held responsible for any and all damage resulting from unauthorized operation of DISTRICT's existing facilities.
- G. The CONTRACTOR will dewater existing mains, as required, in the presence of the DISTRICT.
- H. The DISTRICT may postpone or reschedule any shutdown operation if for any reason the DISTRICT feels that the CONTRACTOR is improperly prepared with competent personnel, equipment, or materials to proceed with the connection.
- I. If progress is inadequate during the connection operation to complete the connection in the time specified, the DISTRICT shall order necessary corrective measures. All costs for corrective measures shall be paid by the CONTRACTOR.
- J. Where connections to existing water mains are made by wet tapping, the CONTRACTOR shall perform all required excavation and shall furnish the tapping saddle and valve. The CONTRACTOR will install the tapping saddle and valve and the DISTRICT will make the wet tap. The CONTRACTOR shall pour the thrust block, complete all compaction and backfill, make closure, set valve casing and valve box, make all necessary pavement repairs and complete the installation in accordance with the Plans and these Specifications.
- K. The CONTRACTOR shall pothole all tie-in locations at the beginning of the project to determine:
 - 1. Pipe size (O. D.) and type (Class)
 - 2. Elevation, grade and alignment
 - 3. If tie-in can be made at indicated location
(Pipe shall be exposed a minimum of 3 feet either side of connection point to assure no collars are in the tap area)
 - 4. If tie-in conflicts with existing utilities
 - 5. The new line shall be within 3 inches of line and grade of the existing line at the tie-in point.

Note: Any discrepancies shall be brought to the attention of the DISTRICT prior to proceeding.

- L. The new pipeline shall not be connected to an existing facility until the new pipeline has successfully passed all pressure and disinfection tests and the DISTRICT has given approval to proceed with the connection.
- M. No work to the existing facilities shall be done until pressure and disinfection tests are completed.

3.2 REMOVAL OF EXISTING MAINS AND APPURTENANCES FROM SERVICE

- A. Existing mains and appurtenances shall be removed from service at the locations shown on the plans or as directed by the DISTRICT.
- B. Existing pipe ends shall be filled with concrete or per the requirements of the agency having jurisdiction.
- C. Existing pipe and appurtenances may be removed from the ground, in which case backfill and restoration of surface shall be completed.
- D. Removed pipe and appurtenances may be temporarily stockpiled on the job in a location that will not disrupt traffic or be a safety hazard. Disposal shall be the responsibility of the CONTRACTOR.
- E. Before excavating for laying mains that are to replace existing pipes and/or services, the CONTRACTOR shall make proper provisions for the maintenance and continuation of service as directed by the DISTRICT.
- F. An abandoned water service shall be closed and capped at the corporation stop. The meter box and curb stop shall also be removed.

PART 4 - APPENDIX

1.1 RESOLUTION NO. 97-35 - Resolution Of The Board Of Directors Of Vista Irrigation District Setting The Procedure To Be Used In Permitting Private Contractors To Perform The Work Necessary To Connect (Tie-In) A Privately Installed Water System To A DISTRICT (Publicly) Owned Water Main.

WHEREAS, it is the policy and desire of the Vista Irrigation District to perform all connections to its own water mains, and

WHEREAS, Resolution No. 95-43 was rescinded on March 13, 1996, and

WHEREAS, Resolution No. 96-09 expired on August 31, 1997, and

WHEREAS, it is the intention of the Board of Directors to permit private contractors, under certain circumstances, to perform tie-ins to DISTRICT water lines.

NOW, THEREFORE, BE IT RESOLVED that upon special request, the DISTRICT will allow a private contractor to perform a tie-in of a water main, constructed by a CONTRACTOR, to a DISTRICT-owned water main when, in the opinion of the DISTRICT's General Manager, such permission would be in the best interests of the DISTRICT, the DISTRICT's customers and developer, and

BE IT FURTHER RESOLVED, that circumstances to be considered when granting permission for the tie-in shall include the lead time for DISTRICT forces to complete the work, the impact of a water main shutdown on the DISTRICT's operations systems and customers, and other factors that may make it desirable for the developer to perform the work, and

BE IT FURTHER RESOLVED, that all requests for a private CONTRACTOR to perform a tie-in to a DISTRICT-owned water main will be evaluated on a case-by-case basis, and will not be granted without the approval of the General Manager, and

BE IT FURTHER RESOLVED, that when a private contractor has been granted approval to perform tie-ins on District-owned water mains, the CONTRACTOR and the District must perform the procedure below:

1. District shall assure that the private contractor posses a Class A - General Engineering license or a Class C-34 "Pipeline" license to perform work in the State of California. CONTRACTOR must demonstrate their ability to perform the work by presenting evidence of successful performance on past projects of similar nature. Qualifying experience shall be submitted to the DISTRICT and must include information as listed on "Exhibit A"; and
2. Shutdowns of DISTRICT-owned water lines will be made at the request of the CONTRACTOR, but at the discretion of the DISTRICT, generally on Tuesdays, Wednesday, and/or Thursdays.

3. The District may refuse to shut down a water line on the day requested by the CONTRACTOR due to operational circumstances (i.e., business cannot withstand a shutdown of water at that time; other connecting distribution systems are out of service at the same time; high water demands by customers; etc.) or other reasonable concerns by the DISTRICT. No request will be denied for arbitrary reasons.
4. The CONTRACTOR shall make a written request for a shutdown to the DISTRICT's Inspector before the close of business on Monday of the week prior to the requested day of shutdown.
5. Prior to the CONTRACTOR making this shutdown request, the CONTRACTOR must:
 - a. Pothole the connection point(s) to determine the location of all pipe joints that will be affected by the tie-in and identify all possible obstructions to verify that the connection can be made according to the plans submitted by the CONTRACTOR's engineer and previously approved by the DISTRICT.
 - b. Provide to the Inspector a copy of the appropriate road agency's excavation permit and a copy of the shipping list of materials to be used for the tie-in. If the material shipping list is not available at this time, it may be provided under number 6 below.
 - c. Provide to the Inspector a list of the personnel (by trade, not necessarily by name) who will be performing the tie-in.
6. The CONTRACTOR shall deliver to the site, twenty-four (24) hours in advance of the shutdown, all materials and equipment that will be used for the tie-in. The materials and equipment must be inspected by the Inspector for conformance with the DISTRICT's Approved Materials List and verification that the equipment has been adequately disinfected.
7. All pipe removed by the CONTRACTOR shall be properly disposed of in accordance with all applicable laws and regulations. The proper manifest for AC pipe shall be delivered to the Inspector.
8. If the connection is to be done by the "wet-tap" method, the CONTRACTOR shall excavate the connection point, install the tapping sleeve and tapping gate valve. DISTRICT forces will make the actual "wet-tap."
9. The DISTRICT will, at all times, make the decision of the appropriateness and readiness for the shutdown. The Inspector may cancel the shutdown, up to the last minute, if:

- a. The CONTRACTOR is not ready at the designated time; e.g., labor, materials or equipment are not present. The CONTRACTOR will be charged for the work already performed by Vista Irrigation District (VID), and for the rescheduled shutdown. The CONTRACTOR should request an additional shutdown as required under numbers 1 through 5 above.
- b. In the opinion of the Inspector, the weather will severely impact the length of the shutdown, quality of the finished work product or ability of the CONTRACTOR to perform the WORK. The CONTRACTOR will be charged for the WORK already performed by VID, and for the rescheduled shutdown. The CONTRACTOR should request an additional shutdown as required under numbers 2 through 6 above.
- c. VID Operations personnel determine that the shutdown is not timely due to the reasons in number 3 above, or due to unforeseen circumstances. No additional charges will be made to the CONTRACTOR by VID. The CONTRACTOR will only be allowed another shutdown and no compensation will be made to the CONTRACTOR by VID. VID will make all efforts to reschedule the shutdown as soon as possible.

END OF SECTION