

- **Board of Directors**
Engineering and Operations Committee

March 12, 2002 Board Meeting

9-3

Subject

Authorize the CEO to award a contract for the construction of the Highland Pipeline of the Inland Feeder Program

Description

The Highland Pipeline of the Inland Feeder Program spans approximately 5.3 miles from City Creek adjacent to the Arrowhead East Tunnel to its connection to the Mentone Pipeline at the Santa Ana River Wash. In addition, at the southern portion of the alignment, a connection will be made between the Highland Pipeline and San Bernardino Valley Municipal Water District's (SBVMWD) Foothill Pipeline. A detailed report is provided in [Attachment 1](#). Location map is provided in [Attachment 2](#).

Construction planning for the Highland Pipeline requires the connection to the SBVMWD line to be completed during the first available shutdown period of the Foothill Pipeline in late 2002. By expediting construction, Metropolitan should be able to deliver up to 250 cubic feet per second of State project water to Diamond Valley Lake by December 2002. The water will travel south from the SBVMWD connection through the Inland Feeder and the Eastside Pipeline (constructed as part of the Diamond Valley Lake project) into Diamond Valley Lake. If the connection is not completed during the 2002 shutdown, it would have to be delayed until the next shutdown in late 2003.

Specifications No. 1335 for construction of the Highland Pipeline was advertised for bids in January 2002. Bids are scheduled to open in mid-March. This action will authorize the CEO to award a contract to the lowest responsive bidder in an amount not to exceed \$52 million. This approach will maximize the possibility of completing the SBVMWD connection during the 2002 shutdown.

For this contract, Metropolitan requires small business participation of at least 20 percent of the total bid. Failure to meet this percentage will result in the rejection of the bid as non-responsive.

This project has been evaluated and recommended by the Capital Investment Plan (CIP) Evaluation Team and has been included in the CIP budget for fiscal year 2001/02. The Inland Feeder Program budget remains unchanged at \$1.186 billion.

Policy

Metropolitan Water District Administrative Code § 8113: Contracts over \$250,000

California Environmental Quality Act (CEQA)

CEQA determination for Option #1:

The original environmental effects from the construction of the Highland Pipeline were evaluated in the Inland Feeder Project (i.e., Inland Feeder Program) Final Environmental Impact Report and Environmental Assessment (Final EIR/EA), which was certified by Metropolitan's Board of Directors (Board) in February 1993. The Board also approved the Findings of Fact, the Mitigation Monitoring and Reporting Program, the Statement of Overriding Considerations, and the Inland Feeder Program. Subsequent to these actions, additional environmental documentation was prepared and certified to address modifications to the project, i.e., Addenda Nos. 1 through 6 and a Supplemental EIR. The present proposed board action is solely based on awarding a contract for construction services associated with the Highland Pipeline of the Inland Feeder Program. The overall construction methodology remains consistent with the impacts analyzed in the original 1993 certified

FEIR/EA. Hence, the previous environmental documentation taken by the Board in conjunction with the proposed action fully complies with CEQA and the State CEQA Guidelines. As such, no further environmental documentation is necessary for the Board to act on the proposed action.

The CEQA determination is: Determine that the proposed action has been previously addressed in the 1993 certified Final EIR/EA, Addenda Nos. 1 through 6, Supplemental EIR and that no further environmental analysis or documentation is required.

CEQA determination for Option #2:

None required.

Board Options/Fiscal Impacts

Option #1

Adopt the CEQA determination and authorize the CEO to award a contract to the lowest responsive bidder for construction of the Highland Pipeline in an amount not to exceed \$52 million.

Fiscal Impact: Up to \$52 million. Funded under existing Appropriation No. 15122.

Option #2

Do not authorize the CEO to award a contract to the lowest responsive bidder and require Board award. This option would delay construction of the SBVMWD connection until the next shutdown in late 2003.

Fiscal Impact: Low bid amount.


Staff Recommendation

Option #1



Roy L. Wolfe
Manager, Corporate Resources

2/20/2002
Date



Ronald R. Gastelum
Chief Executive Officer

2/21/2002
Date

[Attachment 1 – Detailed Report](#)

[Attachment 2 – Location Map](#)

BLA #1577

Detailed Report

The Highland Pipeline of the Inland Feeder Program spans approximately 5.3 miles. Beginning at its connection to the City Creek Pipeline segment of the Arrowhead East Tunnel project, the pipe stretches in a southeasterly direction through the city of Highland. The pipeline ends at its connection to the Mentone Pipeline at the Santa Ana River Wash. In addition, at the southern portion of the alignment, a connection will be made between the Highland Pipeline and San Bernardino Valley Municipal Water District's (SBVMWD) Foothill Pipeline.

In June 2001, Metropolitan entered into an agreement of mutual cooperation with the San Bernardino Valley Municipal Water District (SBVMWD). The agreement calls for a connection to SBVMWD's Foothill Pipeline to the proposed Inland Feeder Highland Pipeline which would allow Metropolitan to receive delivery of State project water prior to the 2007 completion of the Inland Feeder. The proposed connection includes approximately 800 feet of buried pipeline that will be installed within Metropolitan property. This connection, although not originally included in the scope of work for the Inland Feeder, was approved by the Board at the January 2002 meeting. Construction planning calls for the construction of the SBVMWD pipeline connection to be completed during the first available shutdown period of the Foothill Pipeline in late 2002. By expediting construction, Metropolitan should be able to deliver up to 250 cubic feet per second of State project water to Diamond Valley Lake by December 2002. The water will travel south from the SBVMWD connection through the Inland Feeder and the Eastside Pipeline (constructed as part of the Diamond Valley Lake project) into Diamond Valley Lake. If the connection is not completed during the 2002 shutdown, it would have to be delayed until the next shutdown in late 2003.

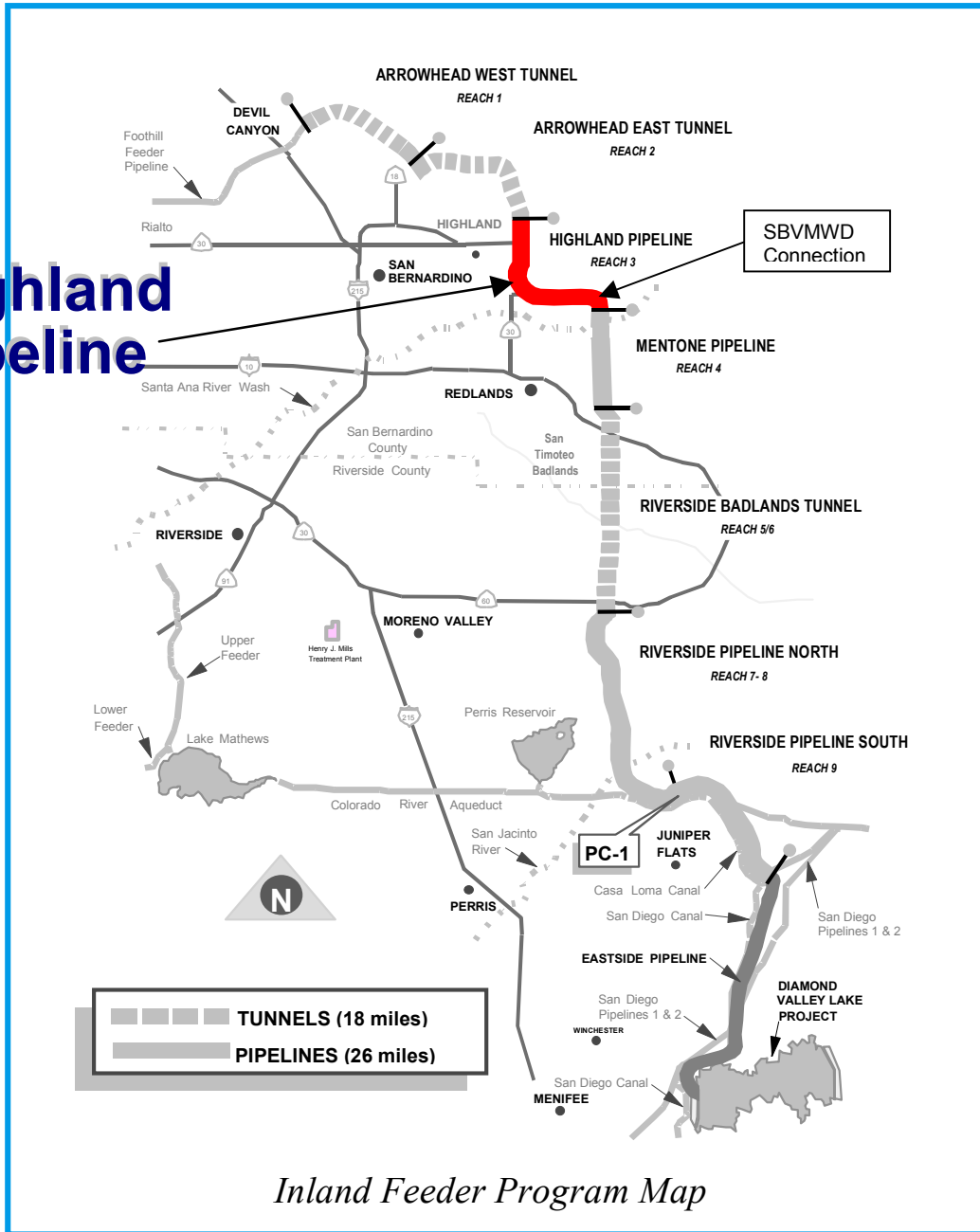
Specifications No. 1335 for construction of the Highland Pipeline was advertised for bids in January 2002. Bids are scheduled to open in mid-March. This action will authorize the CEO to award a contract to the lowest responsive bidder in an amount not to exceed \$52 million. By doing so, it will improve the possibility of completing the SBVMWD connection during the 2002 shutdown.

For this contract, Metropolitan requires small business participation of at least 20 percent of the total bid. Failure to meet this percentage will result in the rejection of the bid as non-responsive.

Under Specifications No. 1335, as amended, the work consists of installing approximately 27,900 feet of 12-foot-diameter welded steel pipe, performing tie-ins, installing storm drain and sewer pipelines, constructing road improvements, installation of street lighting and signalized intersections, maintaining traffic control and detours, construction of 800-foot SBVMWD tie-in pipeline, installation of valves, construction of valve and meter structures, and other applicable work.

This project has been evaluated and recommended by the Capital Investment Plan (CIP) Evaluation Team and has been included in the CIP budget for fiscal year 2001/02. The Inland Feeder Program budget remains unchanged at \$1.186 billion.

Highland Pipeline



General Location Map