

WEST BASIN MUNICIPAL WATER DISTRICT

JULY 5, 2001 – Water Resources Committee

Little and McDonald

JULY 16, 2001 – Board Meeting

Prepared by: Marc A. Serna

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Approved by: Darryl G. Miller

ACTION CALENDAR

CALIFORNIA STATE UNIVERSITY DOMINGUEZ HILLS (CSUDH)
MAINLINE EXTENSION PROJECT
ENGINEERING SERVICES CONTRACT AWARD

SUMMARY:

The CSUDH campus, in the City of Carson, has been identified as a large potential user of recycled water. In addition to existing campus irrigation requirements, the recent approval of the National Soccer Training Center will require a significant recycled water supply for landscaping and field maintenance. A recycled water mainline extension from the Victoria Lateral (currently under design) along Avalon Boulevard is now proposed to convey water to these facilities and would extend through the planned National Training Center facility, terminating at Victoria Street. The proposed mainline through CSUDH includes approximately 6,600 feet of 24-inch diameter pipeline and 900 feet of 12-inch diameter pipeline. A map showing the proposed alignment is attached as Exhibit A.

Construction of the National Training Center is expected to begin in July 2001, and be completed by April 2002. The Training Center construction period requires that the CSUDH Mainline Extension be designed and constructed in an expeditious manner to coincide with Training Center construction operations. Design of the Mainline Extension will be coordinated by the District. It is intended that the U.S. Army Corps of Engineers will handle construction of the Mainline Extension as part of the Harbor South Bay Project. The timing to coordinate design services and construction by the Corps of Engineers within the limited construction period will be critical to the successful completion of the project.

In order to expedite design services, increase overall project efficiency, and ensure a quality design, the consultant providing the design for the National Training Center (RBF Consulting) was contacted to provide a proposal for design services of the Mainline Extension through the University. Attached as Exhibit "B" is RBF's "Scope of Services", schedule, and fee.

RBF is an established consulting firm with over 50 years of design experience and has significant experience in recycled water pipeline design. RBF Consulting is currently working with CSUDH and the National Training Center architects to redevelop a large portion of the campus. Recognizing the efficiencies involved with intimate project knowledge and the available facility information to RBF Consulting, a highly competitive fee proposal was submitted to the District for design services, which is within the expected cost range for project design.

Following several discussions with RBF and evaluation of the design proposal, Staff is recommending that a contract be awarded to RBF Consulting for design services of the CSUDH Mainline Extension. Along with presenting a low-cost proposal and accelerated

design schedule, Staff is recommending RBF as the engineer for this project due to their project understanding, previously successful completion of similar projects, qualified key personnel, and their current involvement and familiarity with the CSUDH campus redevelopment project.

PROPOSED PIPELINE DESIGN SCHEDULE

Initial Discussion with Water Resources Committee	June 7, 2001
Request for Design Proposal	June 14, 2001
Submittal of Design Proposal	June 19, 2001
Submit Recommendation to Water Resources Committee	July 5, 2001
Award to Pipeline Design Firm	July 16, 2001 (WBMWD Board Meeting)
Complete Design of Pipeline	October 31, 2001

FISCAL IMPACTS:

The funds for this work are included in the Capital Improvements Project Budget for FY 2001-02. Construction funding for this project is expected as part of the Harbor South Bay Project.

ENVIRONMENTAL COMPLIANCE:

The proposed pipeline is included under the West Basin Water Recycling Program Phase II Negative Declaration, prepared June 1994, and additional environmental documentation will be filed by the U.S. Corps of Engineers as part of the Harbor South Bay Project.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on July 5, 2001 and was recommended for approval at the July 16, 2001 Board meeting.

RECOMMENDED MOTION:

Authorize the General Manager to enter into an agreement with RBF Consulting to provide engineering services for the design and construction of the CSUDH Mainline Extension Project for an amount of \$95,600, plus ten percent (10%) for amendments for a total not-to-exceed amount of \$105,160.

LIST OF EXHIBITS:

- Exhibit "A" - Map of Proposed Alignment
- Exhibit "B" - Proposal, Scope, Schedule and Fee Summary Table

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