

WEST BASIN MUNICIPAL WATER DISTRICT

DECEMBER 5, 2006 - Water Resources

Little, Dear

DECEMBER 21, 2006 – Sp. Board Meeting

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Approved by: Richard Nagel

## ACTION CALENDAR

AMERICAN HONDA RECYCLED WATER LATERAL PROJECTSUMMARY:

As part of recent facility expansion efforts, the American Honda Motor Company, located within the City of Torrance, has proposed to utilize approximately 100 acre-feet per year of recycled water for irrigation, cooling towers, and dual plumbing. To coincide with their facility expansion completion, American Honda has requested that West Basin Municipal Water District (District) provide recycled water service to their facility by no later than March 27, 2007. Recycled water service is a critical component for American Honda to achieve Gold Level LEEDS Certification for its facility expansion.

To meet these recycled water demands, a pipeline lateral and temporary disinfection facility needs to be constructed extending from the recently completed 24-inch diameter Madrona Lateral in Torrance to the American Honda facility. The American Honda Recycled Water Lateral Project (Project) will consist of 5,220 lineal feet of 6-inch diameter pipeline and a temporary disinfection facility. The pipeline will extend from the intersection of Crenshaw Boulevard and Del Amo Boulevard to the American Honda facility located on Van Ness Avenue. The temporary disinfection facility will be located at a City of Torrance owned vacant site and is necessary to increase recycled water chlorine residuals due to extensive water age at this location. Once the planned Palos Verde Lateral Extension is completed for serving Palos Verde Peninsula customers, the disinfection station will no longer be needed and the District will remove it from the site.

Separate construction bid packages were completed for the pipeline and temporary disinfection station facility by District design consultants. Staff has proceeded with the selection process for a construction management firm and the bid process for construction contract awards.

**Construction Management Consultant Selection**

“Request for Proposals” (RFP) were released on November 2, 2006 to numerous qualified consultants for providing construction management services on the Project. Construction management services will consist of full-time construction management and inspection services throughout the construction effort for both the pipeline and temporary disinfection facility installation.

Four proposals from qualified consulting firms were received on November 21, 2006, and reviewed for completeness, responsiveness, and overall qualifications. Two consultant teams were short-listed for interviews held on December 1, 2006. The selection panel consisted of three (3) staff members.

The following is a summary of the selection panel rankings and associated proposal costs submitted by each of the proposing teams:

Overall Rank	Consultant Team	Average Evaluation Score	Proposal Fee
1	RBF Consulting	95	\$ 224,880
2	SA Associates	85	\$ 245,000

While both consultants provided quality teams for the construction management of the Project, RBF Consulting scored highest in evaluation scoring and provided an overall superior Project Team. RBF has extensive experience in construction management of similar projects and has a solid reputation for quality engineering services. Staff recommends that RBF Consulting be awarded the Construction Management Services contract for the American Honda Project.

**Contractor Selection Process**

Staff advertised and released construction bid packages to numerous contractors for construction of the American Honda Pipeline and Temporary Disinfection Facility. Construction bid packages for both the pipeline and the temporary disinfection facility were received December 6, 2006. Four (4) bids were received for the Pipeline Project. Two (2) bids were received for the Temporary Disinfection Facility Project. Low Responsible Bids for each construction contract were as follows:

Construction Project	Contractor	Bid Amount
American Honda Pipeline	R.G. Castongia, Inc.	\$ 1,017,430
American Honda Disinfection Facility	Fleming Environmental	\$ 268,900

The Engineer’s Construction Cost Estimate for the Pipeline and Temporary Disinfection Facility were \$1,400,000 and \$200,000, respectively. Both contractors were deemed responsible bidders and have met all bidding requirements, including bonds, insurance, and licensing. R.G. Castongia’s submitted bid excluded a standard “Contract Acceptance Agreement” form, but was subsequently submitted to the District. This bid exclusion was reviewed by District Counsel and deemed immaterial with respect to the terms of the “Invitation to Bid” and had no impact to the contractor’s price, time, or actual work to be performed. Therefore, this immaterial bid defect has been waived by the District and R.G. Castongia’s bid has been accepted.

**FISCAL IMPACTS:**

Funding for the Recycled Water System Expansion Project is included in the Capital Improvement Budget for FY 2006-07.

**ENVIRONMENTAL COMPLIANCE:**

The Mitigated Negative Declaration under CEQA requirements is under circulation for public comment on this Project and the “Notice of Determination” will be presented to the Board for approval at a special Board Meeting in January 2007.

COMMITTEE STATUS:

This item was reviewed by the Water Resource Committee on December 5, 2006. The Committee recommended approval of the RBF construction management contract. Due to bids being submitted after the Committee meeting for the pipeline and disinfection facility construction contracts, recommendations were not available on December 5. Due to the timing of this project, the Committee suggested that staff provide recommendations to the Board at the December 21, 2006 Special Board meeting.

RECOMMENDED MOTION:

That the Board authorizes the General Manager to execute an agreement with the following Consultant and Contractors as required for implementation of the American Honda Recycled Water Lateral Project:

- RBF Consulting for providing construction management services for a total contract amount of \$224,880, plus 10% for contingencies, for a total not-to-exceed contract amount of \$247,370; and
- R.G. Castongia, Inc. for providing pipeline construction services for a total contract amount of \$1,017,430, plus 10% for contingencies, for a total not-to-exceed contract amount of \$1,119,170; and
- Fleming Environmental for providing temporary disinfection facility construction services for a total contract amount of \$268,900, plus 10% for contingencies, for a total not-to-exceed contract amount of \$295,790.

LIST OF EXHIBITS:

Exhibit A – American Honda Construction Management Services evaluation results summary