

WEST BASIN MUNICIPAL WATER DISTRICT**JUNE 21, 2007 - Board Meeting**

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ACTION CALENDAR

CHEVRON NITRIFICATION TANK RECOATING PROJECT
STRUCTURAL MITIGATIONSUMMARY:

The Contractor, RPI Coating, initiated work on June 5, 2007, for the Chevron Nitrification Tank Recoating Project. The original "Scope of Work" for this project includes minor structural modifications, interior recoating, and spot exterior coating.

During the initial sand blasting phase of work, the onsite inspector identified several areas on the roof structural support system that have been severely corroded. This extensive corrosion has undermined the structural integrity of the rafter support system and is in need of repair. This corrosion was not evident during the District's initial tank investigation as the existing rust masked the extent of the corrosive damage. The entire roofing system will be re-inspected once sand blasting is complete to determine the extent of structural deterioration that has occurred to the structural roofing system. It is believed that the corrosion damage is within a ten-foot radius from the center of the tank.

Mitigation

The District's design consultant is developing a structural mitigation plan that will restore the structural integrity to the roofing system. The restoration plan will consist of building up the existing steel support members with new steel material applied to the structural section and/or providing a secondary support system to the center column. A certified design will be provided by the District's structural design consultant for this "Scope of Work".

Construction of this project is scheduled to be complete within 45 calendar days. This timeframe was established to coincide with Chevron's turn-around maintenance period, which allows the District to implement a low-flow bypass system that would maintain the required flow to Chevron's cooling tower processes while performing the tank recoating work. The cost impact of the proposed structural mitigation work is expected not-to-exceed \$50,000. District staff will work with the Construction Manager and Contractor to negotiate an equitable price for the mitigation work and keep the time impact to a minimum so as not to increase the District's bypass system cost and extend the project's completion beyond Chevron's turn-around period.

FISCAL IMPACTS:

Funds for this Project are available from the Fiscal Year 2006-07 Construction Fund.

ENVIRONMENTAL COMPLIANCE:

Environmental requirements for this Project are exempt due to the maintenance function of this work.

COMMITTEE STATUS:

This item was not reviewed by the Water Resources Committee due to the posting of the Committee meeting as a special meeting with the Board of Directors.

RECOMMENDED MOTIONS:

That the Board authorizes an amendment to RPI Coating's current contract for an amount not-to-exceed \$50,000 to perform additional structural mitigation work for the Chevron Nitrification Tank Recoating Project.