

**EXECUTIVE SUMMARY SHEET**  
CITY OF SAN DIEGO

DATE ISSUED: July 20, 2006  
ATTENTION: Natural Resources & Culture Committee,  
Agenda of July 26, 2006  
ORIGINATING DEPARTMENT: Water/Engineering & CIP Program Management Division  
SUBJECT: Authorizing Construction for Barrett Reservoir Outlet Tower  
Upgrade  
COUNCIL DISTRICT(S): All  
CONTACT/PHONE NUMBER: Oscar Khoury (619) 533-4102  
Iraj Asgharzadeh (619) 533-5105

REQUESTED ACTION:

Approve the plans and specifications and execute a construction contract with lowest responsible and reliable bidder; and authorize the expenditure of \$1,602,350.00 from Water Fund 41500, CIP 73-317.0, Barrett Reservoir Outlet Tower Upgrade.

STAFF RECOMMENDATION:

Adopt the Resolutions.

EXECUTIVE SUMMARY:

The City of San Diego Water Department (Department) has an active Capital Improvement Program to design and construct water facilities in meeting the customer water demand. Due to lack of funding for upgrading all three outlet towers, the Water Department has chosen the most critical and essential facility, the Barrett Reservoir Outlet Tower, to be upgraded. The Barrett Reservoir Outlet Tower Upgrade is a redesign from the combined Barrett and Morena Reservoirs Outlet Tower existing design, which was approved by the California Department of Safety of Dams (DSOD) on July 8, 2003. The construction will address the essential elements that affect operation and maintenance, personnel safety and water supply reliability to downstream City facilities.

The scope of work includes, but is not limited to: construct ventilation system; replace internal 30-inch gate valves; provide automated controls for all internal valves; replace interior ladders; replace internal platforms; replace electrical distribution system; and replace lighting.

The construction of this project will increase reliability of using local raw water runoff and reduce raw water importation from San Diego County Water Authority.

FISCAL CONSIDERATIONS:

The funds needed for construction is \$1,602,350 from Water Fund 41500, CIP 73-317.0, Barrett Reservoir Outlet Tower Upgrade. A portion of this funding is contingent on Private Placement Financing as approved in the FY2007 Budget.

PREVIOUS COUNCIL and/or COMMITTEE ACTION:

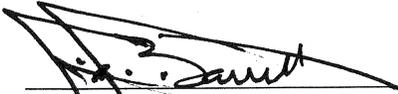
On July 23, 2001, Council authorized the City Manager to execute the original Agreement with Richard Brady & Associates (Resolution No. R-295172).

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:

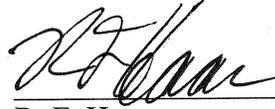
Community outreach is limited to lake area and users. Information will be disseminated to lake users prior to construction. This project will be advertised through the local contractor's association and newspaper.

KEY STAKEHOLDERS AND PROJECTED IMPACTS:

The key stakeholders are the City of San Diego Water Department, Richard Brady & Associates, California Department of Safety of Dams and Customers. Failure to rehabilitate the Barrett Reservoir Outlet Tower will put constraint on the use local raw water and continue to import water from San Diego Water Authority.



J.M. Barrett  
Water Department Director



R. F. Haas  
Deputy Chief of Public Works