

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 1/10/2012	(3) CONTACT/PHONE Courtney Howard, Water Resources Engineer (805) 781-1016	
(4) SUBJECT Board of Supervisors sitting as the Flood Control District: Request to approve Amendment No. 4, in the amount of \$106,000, to the agreement for consulting services with TJ Cross Engineers, Inc., for Dreissenid Mussel Prevention Program Support for the Nacimiento Water Project.			
(5) RECOMMENDED ACTION It is our recommendation that your Honorable Board, acting as the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District, execute the attached Amendment No. 4 to the Agreement for Consulting Services within the Nacimiento Operations Fund with TJ Cross Engineers, Inc., in the amount of \$106,000 and extending the service period to December 31, 2012.			
(6) FUNDING SOURCE(S) Nacimiento Water Oper Fund	(7) CURRENT YEAR FINANCIAL IMPACT \$106,000.00	(8) ANNUAL FINANCIAL IMPACT \$106,000.00	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. _____) <input type="checkbox"/> Board Business (Time Est. _____)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input checked="" type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A		(12) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A	
(13) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) N/A		(14) W-9 <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
(15) LOCATION MAP N/A	(16) BUSINESS IMPACT STATEMENT? No	(17) AGENDA ITEM HISTORY <input type="checkbox"/> N/A Date 9/11/2007; B-17	
(18) ADMINISTRATIVE OFFICE REVIEW			
(19) SUPERVISOR DISTRICT(S) All Districts -			

Reference: 12JAN10-C-2

County of San Luis Obispo



TO: Board of Supervisors

FROM: Public Works

Courtney Howard, Water Resources Engineer

VIA: Dean Benedix, Utilities Division Manager

DATE: 1/10/2012

SUBJECT: Board of Supervisors sitting as the Flood Control District:

Request to approve Amendment No. 4, in the amount of \$106,000, to the agreement for consulting services with TJ Cross Engineers, Inc., for Dreissenid Mussel Prevention Program Support for the Nacimiento Water Project.

RECOMMENDATION

It is our recommendation that your Honorable Board, acting as the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District, execute the attached Amendment No. 4 to the Agreement for Consulting Services within the Nacimiento Operations Fund with TJ Cross Engineers, Inc., in the amount of \$106,000 and extending the service period to December 31, 2012.

DISCUSSION

The Nacimiento Water System consists of 45 miles of pipeline, with storage tanks, pump stations, and appurtenant facilities for the purpose of conveying up to 15,750 acre feet of water from Lake Nacimiento to local water agencies within the boundaries of the San Luis Obispo County Flood Control and Water Conservation District (District). The \$176-million Project moved from its Construction Phase into the Operation and Maintenance Phase on February 1, 2011.

The District and Project Participants initiated efforts to protect the newly operational distribution system from the threat of Dreissenid Mussels by collaborating with Monterey County to implement a mussel prevention program at Lake Nacimiento. Mussels, spread by vessel transport (i.e. trailered watercraft) and direct water ways (i.e. pipeline and canals) cause substantial operational and budgetary impacts to water delivery/ storage systems, and irreparable damage to aquatic ecosystems – a fate our County endeavors to avoid.

TJ Cross Engineers, Inc. has provided project engineering and management services for the Project since 2004. TJ Cross Engineers, Inc. assists the District with numerous Project management activities and continues to provide operation support services during the systems initial years of

operation, including planning, implementation, and management of Lake Nacimiento's mussel prevention program.

Your Board entered into the original agreement with the firm in February 2005 and has provided additional extensions on previous amendments to the agreement. Amendment No. 4 seeks to extend the firm's contract to continue mussel prevention program planning and implementation through 2012. TJ Cross Engineers, Inc. has played an integral part in assisting the District to initiate, plan, and implement Lake Nacimiento's mussel prevention program starting in fall 2008, and understands the challenging program start and history. TJ Cross Engineers, Inc. and District staff has successfully developed positive working relationships with local elected officials, private communities and homeowners, stakeholders, and Monterey County staff and officials. The full scope of work is presented as Exhibit "A" to Amendment No. 4.

As the Project transitions into the Operation and Maintenance Phase, the Public Works Department Utilities Division seeks to facilitate a seamless transition into a management role of the Lake Nacimiento mussel prevention efforts. Allowing TJ Cross Engineers, Inc. to continue its role assisting the District to plan, implement, and manage the mussel prevention program will ensure that the program does not lose momentum and therefore, does not put the lake and system at undue risk. District staff will be evaluating options to manage and coordinate this program to efficiently and effectively use resources while maintaining a reduced risk of mussel infestation over the next year.

OTHER AGENCY INVOLVEMENT/IMPACT

Nacimiento Water Project: Participants include the cities of Paso Robles and San Luis Obispo, Atascadero Mutual Water Company, Templeton Community Services District, and County Service Area 10, Zone A, all of which have a vested interest in protecting the lake and their newly operational water distribution system from a mussel infestation. The Nacimiento Technical Support Group (made up of Participant and District staff who review system operations) reviewed and approved the amendment and associated scope of services at their December 8, 2011, meeting. District staff and TJ Cross Engineers, Inc. continue to provide regular updates on the mussel prevention program to the Nacimiento Project Commission.

Lake Nacimiento: Monterey County Parks Department and Water Resources Agency (owner and operator of the lake), the Nacimiento Regional Water Management Advisory Committee, and lakeside communities, residents, and boaters have developed a close working relationship with District and TJ Cross Engineers, Inc. staff during the Lake Nacimiento mussel prevention program startup. Providing consistency in program management during 2012 will foster continued success in prevention program startup.

County-wide: The County Parks Department continues to manage mussel prevention efforts at Lakes Lopez and Santa Margarita. The continued mussel prevention efforts at Lake Nacimiento will educate boaters and residents County-wide, and will reduce the risk of infestation even beyond Nacimiento.

County Counsel has reviewed the attached Amendment No. 4 as to legal form and effect.

FINANCIAL CONSIDERATIONS

This cost of the proposed contract amendment is included in the approved FY 2011-2012 budget; therefore, there is not a need for a budget adjustment. The costs will be funded in the FY 2011-12 Nacimiento Operation and Maintenance Fund (2200002000) and represents a continuation of the existing program and the existing support from TJ Cross.

RESULTS

Approval of the recommended action will result in a well-coordinated and continually successful Lake Nacimiento mussel prevention program, and ensure a healthy, safe, well-governed community.

NWP File: E.10.1

Reference: 12JAN10-C-2

L:\UTILITY\JAN12\BOS\TJCross Amend 4 2011-12-13 brd ltr.doc.CH.CB:lc

ATTACHMENTS

1. Amendment No. 4 to Agreement for Engineering Consulting Services - Nacimiento Water Project Engineering Support