

**CONSIDERATION OF A RESOLUTION AUTHORIZING THE DIRECTOR, OR
DESIGNEE, TO SIGN AN INTERAGENCY AGREEMENT WITH THE DEPARTMENT
OF WATER RESOURCES FOR THE CALIFORNIA BAY-DELTA AUTHORITY TO
RECEIVE FUNDS FOR STUDIES RELATED TO THE CONVEYANCE PROGRAM
Agenda Item 10**

Meeting Date: 8-14-03

Summary: This resolution would authorize the Director, or designee, to sign an interagency agreement to assist the Department of Water Resources to conduct several specified Conveyance Program studies: evaluation of the re-operation of the Delta Cross Channel, a Through Delta Facility, South Delta fish facilities, and North Delta Flood Control and Ecosystem Restoration Improvements Program.

Recommended Action: Adopt Resolution 03-08-19.

Staff Recommendation: Staff recommends that the Authority adopt the attached resolution, approving the proposed interagency agreement, which will allow the Authority to support engineering services to facilitate conveyance and fish facilities teams, develop feasible concepts for the Delta Cross Channel Operation and Through Delta Facility, conduct feasibility studies for North Delta projects, evaluate Delta conveyance fish facilities, provide strategic planning support for Delta facilities implementation, and environmental services for facilitation of technical studies for the North Delta Flood Control and Ecosystem Improvements Program.

Background

Under the CALFED Record of Decision (ROD), the Bay-Delta agencies plan to improve flood protection and conveyance facilities in the North Delta for water quality and fishery improvements, and avoidance of water supply disruptions. Three of these improvements are:

- evaluation and implementation of improved operational procedures for the Delta Cross Channel (DCC) to address fishery and water quality concerns
- simultaneously evaluate a screened through-Delta facility on the Sacramento River of up to 4,000 cfs
- design and construct floodway and ecosystem improvements in the North Delta.

Although these projects are part of the Conveyance Program, for which the Department of Water Resources is the implementing agency, they potentially affect several other agencies' programs, projects and objectives for all four resource areas: ecosystem restoration, water supply reliability, water quality and levee system integrity. The Authority has broad responsibilities for overseeing and supporting the Program and maximizing available resources. Under the proposed

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interagency agreement, DWR would transfer funds to the Authority, which the Authority would use for planning, technical studies, and related services through contracts with existing consultants (Jones & Stokes and CH2M Hill). The work will help both DWR and the Authority meet their program objectives in a timely, efficient manner.

Fiscal Information

Funding Source: DWR Proposition 13 in the amount of \$1,380,000
General Funds in the amount of \$213,000

Term: August 15, 2003 through June 30, 2004

Total Amount: \$1,593,000

List of Attachments

Proposed Scope of Work

Contact

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CALIFORNIA BAY-DELTA AUTHORITY
RESOLUTION NO. 03-08-19

CONSIDERATION OF A RESOLUTION AUTHORIZING THE DIRECTOR, OR DESIGNEE, TO SIGN AN INTERAGENCY AGREEMENT WITH THE DEPARTMENT OF WATER RESOURCES FOR THE CALIFORNIA BAY-DELTA AUTHORITY TO RECEIVE FUNDS FOR STUDIES RELATED TO THE CONVEYANCE PROGRAM

WHEREAS, the California Bay-Delta/Conveyance Program requires an evaluation of the re-operation of the Delta Cross Channel, the determination of the technical viability of a Through Delta Facility, an evaluation of South Delta fish Facilities, and an evaluation of North Delta Flood Control and Ecosystem Restoration and Improvements Program; and

WHEREAS, these projects potentially affect the Bay-Delta Program's overall goals and objectives related to water quality, levee system integrity, ecosystem restoration, and water supply reliability; and

WHEREAS, the Department of Water Resources proposes to transfer funds to the Authority to provide the facilitation, coordination, and engineering and environmental support for the evaluations through contracts with existing consultants; and

WHEREAS, the proposal would maximize available resources and help the Authority ensure balanced implementation of the Bay-Delta Program;

NOW, THEREFORE, BE IT RESOLVED that the California Bay-Delta Authority authorizes the Director, or his designee, to sign an interagency agreement with the Department of Water Resources to provide planning, technical studies and related services, as generally described in the attached proposed scope of work, for an amount not to exceed \$1,593,000, subject to appropriation of adequate funds.

CERTIFICATION

The undersigned Assistant to the California Bay-Delta Authority does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the California Bay-Delta Authority held on August 14, 2003.

Dated:

Heidi Rooks
Assistant to the California Bay-Delta Authority

Attachment 1
Studies Related to the Conveyance Program
Proposed Scope of Work

General Statement of Work

California Bay Delta Authority agrees to provide the following services:

1. Conduct Conveyance Program work using the Authority's Standard Engineering Support Contract No. 4600002623 with CH2M HILL on the evaluation of the re-operation of the Delta Cross Channel, the technical viability of a Through Delta Facility and evaluation of South Delta fish facilities as specified in the CALFED August 2000 Record of Decision (ROD). The general Work Assignments (WA) are described below:

Facilitation of Conveyance and Fish Facilities Teams

This will provide facilitation services for conflict resolution to Bay-Delta Program participants to resolve issues related to the Bay-Delta Program Conveyance and Fish Facility program activities.

Development of Feasible Concepts for the Delta Cross Channel Reoperation and Through Delta Facility This will provide coordination and integration of the technical evaluation of the Delta Cross Channel Reoperation and Through Delta Facility (DCCTDF) to ensure that appropriate fisheries, operational, and planning studies are completed to meet the ROD implementation schedule. It will provide assistance to the Bay-Delta Program's DCCTDF technical team which is evaluating alternative North Delta conveyance facilities and Delta Cross Channel operational variables to improve water quality of SWP and CVP exports while minimizing fisheries impacts. This WA will also provide feasible concepts for a screened Through Delta Facility (TDF). New diversion facilities with capacities up to 4000 cfs will be investigated along the Sacramento River upstream of the Delta Cross Channel. Alternatives must be consistent with fishery and water quality objectives of the Program. This WA includes preparing pre-feasibility level drawings and a report.

Evaluation of Delta Conveyance Fish Facilities -- Strategic Planning Support for Delta Facilities Implementation

This will provide the strategic planning support for the Conveyance Program. Specifically, this task provides coordination, technical data collection and evaluation support for and to facilitate the evaluation and design of the major conveyance facilities in the Delta mainly related to fisheries improvements. Under the direction of the Delta Implementation Coordinator, this WA will provide experts to review and develop the facilities; to document relevant design criteria and decisions; to research technical issues; to develop testing protocol for new facilities; to determine the project impacts to the surrounding areas; and, to develop

the coordination and implementation strategy. A fisheries study will also be performed under this WA to provide needed fisheries information on facility impacts.

2. Conduct Conveyance Program work using the Authority's Standard Environmental Support Contract No. 4600002622 with Jones&Stokes Associates on the North Delta Flood Control and Ecosystem Restoration Improvements Program as specified in the CALFED August 2000 Record of Decision (ROD). The general WA is described below:

Technical Studies to Support North Delta Flood Control and Ecosystem Restoration Improvements Program

This WA will ensure that needed technical studies to address scientific uncertainties and support alternatives development in order to complete environmental documentation for North Delta Flood Control and Ecosystem Restoration Improvements in accordance with the ROD implementation schedule. Technical studies may include hydrology, hydraulic modeling, sediment dynamics modeling, other engineering studies, or peer review of technical work as required to inform the alternatives development process for the EIR/EIS or to address scientific uncertainties. Key science issues related to North Delta include sedimentation processes, exotics, mercury methylation, habitat creation and function (such as dendritic channels), water quality effects, and subsidence reversal. North Delta Improvements provide unique opportunities for well-integrated flood control and ecosystem restoration. Secondary objectives include improving water supply reliability and water quality for conveyance, advancing science, improving levee stability, enhancing recreation opportunities and protecting farmland uses.

Work shall be performed under the direction of the Authority and Implementing Agencies as defined in the California Bay-Delta Authority Act of 2002.

Representative

California Bay-Delta Authority Program Manager

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Project Funding Levels and Contract Amount

Department of Water Resources agrees to provide the funds to the Authority for its services. Work on the Delta Cross Channel Re-operation, Through Delta Facility and South Delta Fish Facility will be funded with Proposition 13 Funds in the total amount of \$1,380,000. These proposition funds were appropriated to DWR and are referenced in Proposition 13, Chapter 9, Article 3 Bay-Delta Multipurpose Water Management Sub-account, Section 79190, B(iii).

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Work on the North Delta Flood Control and Ecosystem Restoration Improvements Program will be funded with General Funds in the total amount of \$213,000.

The total amount to be transferred from DWR to the Authority under this agreement is \$1,593,000.

Work to be performed under this Agreement will be directed as follows: the Water Management/Conveyance Program will be under the direction of the Authority and Implementing Agencies as defined in the Bay-Delta Act of 2002, acting through DWR and is subject to the availability of funds, and pursuant to the provision of the Safe Drinking Water, Clean Water, Watershed Protection, and Flood Protection Bond Act.