

**CONSIDERATION OF A RESOLUTION AUTHORIZING THE DIRECTOR, OR  
DESIGNEE, TO EXECUTE WORK ASSIGNMENT 1, UNDER TASK ORDER 6, FOR  
IDENTIFICATION OF MULTI-OBJECTIVE WATER MANAGEMENT AND FLOOD  
DAMAGE REDUCTION PROJECTS**

**Agenda Item: 10**

**Meeting Date: 8-14-03**

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**Summary:** This resolution would authorize the Director, or designee, to execute a work assignment under an existing contract with Jones and Stokes, to identify potential multi-objective water management and flood damage reduction projects that could be implemented in support of Bay-Delta Program goals and objectives.

**Recommended Action:** Adopt Resolution 03-08-49.

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**Staff Recommendation:** Staff recommends that the Authority adopt the attached resolution, authorizing a work assignment for water management and flood damage reduction projects identification.

**Background**

The California Bay-Delta Authority has responsibility for coordinating the activities of implementing agencies related to management of environmental water, which may include the use of high flows or flood waters to achieve environmental purposes. The Authority requires the assistance of the Contractor to build on work already completed as part of the Sacramento-San Joaquin River Basins Comprehensive Study, the 2002 California Floodplain Management Task Force, and prior work by the California Bay-Delta Program by assisting in identifying projects from these and other sources that may serve multi-objective water management and flood damage reduction purposes.

**Fiscal Information**

**Funding Source:** Fiscal Year 2003/04 General Funds

**Term:** July 1, 2003 through January 31, 2004

**Total Amount:** \$82,000.00

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**List of Attachments**

1. Proposed scope of work

**Contact**

**Name:** Sergio Guillen

**Phone:** (916) 445-0974

**CALIFORNIA BAY-DELTA AUTHORITY**  
**RESOLUTION NO. 03-08-49**

CONSIDERATION OF A RESOLUTION AUTHORIZING THE DIRECTOR, OR DESIGNEE, TO EXECUTE WORK ASSIGNMENT 1, UNDER TASK ORDER 6, FOR IDENTIFICATION OF MULTI-OBJECTIVE WATER MANAGEMENT AND FLOOD DAMAGE REDUCTION PROJECTS

**WHEREAS**, the Department of Water Resources, CALFED Bay-Delta Program, executed Contract No. 4600002622 with Jones and Stokes Associates, to provide planning, environmental analysis, scientific, and technical services for oversight and coordination related to the Bay-Delta Program; and

**WHEREAS**, the Authority is statutorily authorized to conduct oversight and coordination related to the Bay-Delta Program; and

**WHEREAS**, the Authority will consider accepting assignment of Contract No. 4600002622 from the Department of Water Resources; and

**WHEREAS**, the Authority has responsibility for coordinating the efforts of implementing agencies related to the water management of activities; and

**WHEREAS**, the Authority requires the assistance of contractors to provide technical support to accomplish oversight and coordination of Bay-Delta Program water management activities;

**NOW, THEREFORE, BE IT RESOLVED** that the Authority authorizes the Director, or designee, to execute Work Assignment 1 under Task Order 7 of Contract No. 4600002622 (Jones & Stokes) for identification of multi-objective water management and flood damage reduction projects, as generally described in the attached proposed scope of work, for an amount not to exceed \$81,640.00, 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**  
**Coordination of Water Management Activities**  
**Work Assignment No. 1**  
**Task Order No. 6**  
**Proposed Scope of Work**

**1. Background**

The following task description is consistent with those in Task Order 6. This Individual Work Assignment (IWA) provides detailed work specifications to the Task Order listed above as specified in Contract No. 4600002622 (Jones & Stokes), Exhibit A, Attachment No. 2. This IWA does not authorize work or the expenditure of funds beyond the scope of the Task Order.

The California Bay-Delta Authority has responsibility for coordinating the activities of implementing agencies related to water management activities, which may include the use of high flows or flood waters to achieve environmental purposes. The Authority requires the assistance of Contractor to build on work already completed as part of the Sacramento-San Joaquin River Basins Comprehensive Study, the 2002 California Floodplain Management Task Force, and prior work by the California Bay-Delta Program by assisting in identifying projects from these and other sources that may serve multi-objective water management and flood damage reduction purposes.

**2. General Statement of Work**

**Subtask 6e.1.1. Identify and Collect Information About Potential Projects.**

The Contractor shall identify potential multi-objective water management and flood damage reduction projects that could be in support of Bay-Delta Program objectives. Contractor will review and consolidate information on potential projects that have been previously identified from a variety of sources including published documents, interviews with agencies and stakeholders, and sub-consultants with experience in these areas.

In addition to identifying potential projects, Contractor will collect attributes for each project that will allow future evaluation of the project regarding its potential to contribute to Bay-Delta Program objectives. The attributes will include:

- A brief description of each project;
- The Bay-Delta Program objectives that the project would contribute to;
- The project's geographic location;
- Approximate geographic extent of the project;
- Contact information for any identified proponents;
- The status of the project (under study, in design, or being implemented);
- The sources of information regarding the project;

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- The type of flood damage reduction benefits the project is expected to provide (e.g., transient storage of flood peaks, bypass of flows);
- The approximate magnitude of flood damage reduction the project is expected to provide (e.g., acre-feet of transient storage);
- The type of ecosystem restoration benefits the projects is expected to provide (e.g., riparian habitat restoration);
- The amount of ecosystem restoration benefits the project is expected to provide (e.g., acres of restored riparian habitat);
- Threatened and endangered species that may benefit from implementation of the project;
- Threatened and endangered species that may be adversely affected by the project;
- Environmental mitigation that may be required to implement the project;
- Existing infrastructure that may be affected by the project;
- New infrastructure that may be built to implement the project;
- Approximate cost range to implement of the project;
- Approximate cost range to maintain the project; and
- Any relationships or interdependencies between projects (e.g., conflicts, interdependencies, timing for staged actions).

Existing information will be entered for these variables. If a reasonable estimate does not exist for a particular variable, the variable will be marked as “missing,” indicating a data gap.

Activities will include:

- Bi-weekly meetings with Authority staff to determine the process for collecting information, potential sources of information about projects, and the format for storing information.
- Literature review of existing documents from the California Bay-Delta Program, Sacramento-San Joaquin River Basins Comprehensive Study, California Floodplain Management Task Force, and related projects in the Sacramento and San Joaquin River Basins and their tributaries (e.g., documents from TNC, Ducks Unlimited, and others).
- Interviews with up to 40 individuals. These individuals will help identify projects not in the literature, provide updated information on known projects, provide information regarding project goals and expected benefits, and provide expertise on needed studies and methods for further analysis of projects. Contractor will work with Authority staff to identify individuals to interview. It is anticipated that members of the California Floodplain Management Task Force and selected members of Consultant’s team who have direct experience or knowledge of either potential projects or sources of information will be interviewed.
- Design and construction of a searchable access database to store the information that is collected, and entry of the information collected into the database. The database will include a report that provides a Fact Sheet for each project.

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- This effort will also include documentation of the methods and assumptions used to complete the database, and recommendations for methods of further analysis of potential projects.

### **3. Deliverables**

- An Access database of potential projects that is populated with all of the information collected. This will include documentation for the database and a user-friendly “front end” to allow Authority staff to make inquiries and run reports.
- A concise database manual that describes the purpose of the database, procedures for operating the database, database report formats, a description of the variables that are included for each project, and the data sources.
- A brief memorandum (assume 5-10 pages of text, and 5 tables) that summarizes the information in the database in tabular form, includes one map with project locations, and provides a description of data gaps. Recommendations for methods of further analysis will also be included in this memorandum.

### **4. Representatives**

**California Bay-Delta Authority Project Manager:**

Sergio Guillen  
California Bay-Delta Authority  
650 Capitol Mall, 5<sup>th</sup> Floor  
Phone: (916) 445-0974

### **5. Term**

The term for this Work Assignment is July 1, 2003 through January 31, 2004. The schedule for specific deliverables for subtasks is as follows:

Draft Access database and manual	August 1, 2003
Draft memorandum	August 15, 2003
Final Access database and manual	September 1, 2003
Final memorandum	September 15, 2003

### **6. Payment**

The maximum amount payable under this Work Assignment is \$81,640.00.