

Delivery Order Request  
Development of Appropriate Level of Detail for Describing Resources and Analyzing  
Consequences to Those Resources as a Result of Implementing the Alternatives.  
And  
Development of Analytical Tools

Action Items:

General

- A. Contractor to provide support to CALFED Bay-Delta Program in defining and documenting the appropriate level of detail for describing the existing conditions and analyzing the consequences to these resources as a result of implementing the alternatives.
- B. Contractor to provide support to CALFED Bay-Delta Program in identifying, documenting and justifying the use of the most appropriate analytical tools for analyzing the consequences of implementing the various alternatives in the Tier 1 (Program) EIS/EIR. The tools selected must be able to display and measure the projected impacts, at the level of detail decided upon in 1.A. of implementing the alternatives.

**To the extent practicable, the contractor will utilize the process and information developed for the CVPIA Programmatic EIS and recent Bay-Delta system planning efforts.**

Specifics for Development of Appropriate Level of Detail:

1. Contractor to provide a draft memorandum presenting alternative definitions of level of detail, including examples and rationale. Existing work on level of detail by the US Forest Service (Forest Management Plan NEPA documentation), the CVPIA Programmatic EIS, recent Bay-Delta planning efforts, description of the actions/alternatives for this effort and others should be reviewed and to the extent applicable, used by the contractor.
2. Contractor to provide a draft and final memorandum presenting proposed level of detail based on comments from CALFED Bay-Delta Program staff and prepare presentation packages for a workshop, the public, BDAC and CALFED and mailout for review. Content of each package will be closely coordinated with CALFED Bay-Delta Program staff. The memorandum and presentation packages will also include a summary of the issue areas to be described in the Affected Environment section and the types of impacts expected to be considered in the Tier 1 EIS/EIR. Further, the memorandum and presentation packages will summarize the level of detail of each of the issue areas / impacts described. For example, one of the issue areas that might be considered would be recreation and in particular recreation days at CVP and SWP reservoirs and these could be described in terms of an annual day use number for all reservoirs combined.

CALFED Bay-Delta Program  
Delivery Order Request

This report will complete the Level of Detail effort.

3. Contractor to further refine level of detail based on comments from workshops and review of the mailout and further consideration by CALFED Bay-Delta Program staff and provide a final memorandum presenting appropriate level of detail, including rationale. The draft and final reports will include a discussion of how comments received from the public and agencies were utilized in defining level of detail.

Specifics for Development of Analytical Tools:

1. Contractor to identify most appropriate tools for each category considering the level of detail that will be necessary to analyze consequences. This task requires the preparation of a comprehensive list of tools that may accomplish the impact analysis. Preparation of the list will be in close coordination with CALFED Bay-Delta Program staff. Improvement of new tools is discussed in Action Item # 6.
2. Contractor to develop general screening criteria for tool selection such as, geographic area for use, CALFED agency knowledge and use of tool, whether tool is available and operational for use and resources available to use the tool. Two sets of screening criteria will be developed. A general set and an issue specific set. Technical memoranda will be prepared to summarize the results of the general and specific sets of screening criteria.
3. Contractor will provide a short executive description of the appropriate tools for each category. This task requires a brief (3 pages or less) description of the tool, its capability, data requirements and, if appropriate, current custodian. The purpose of this effort is to make clear that all major, well known, tools were considered in the process of selecting analytical tools.
4. Contractor will identify the analytical tool interrelationships and how data will flow from one tool to the other and provide for iteration where necessary. Many of the analytical tools, particularly computer simulation models, will depend on output from one model for input to another. The process(es) for making this interconnection and data transfer must be identified. In addition, in some cases, model runs will necessitate a change in the input of a model being used as a preprocessor. For example, a change in the price of irrigation water may result in irrigators taking less surface water. This may require a rerun of the surface water hydrology model to reflect this changed demand for surface water supplies. This task must identify the processes for this type of interaction.

CALFED Bay-Delta Program  
Delivery Order Request

5. Contractor will describe, if appropriate, how some currently available tools may be enhanced through some specific efforts that will improve their ability to analyze the impacts of this action. One example is the substitution of variable functions for current discrete functions in the Central Valley Production model to better represent the shift in irrigation technology associated with the increase in the price of irrigation water. This task is not a solicitation for the development of new models or tools
6. Contractor, working closely with CALFED Bay-Delta Program staff, will recommend tools necessary for the completion of the impact analysis. The recommendation will include a written justification for the selection of the analytical tools.
7. Contractor will prepare presentation packages for a workshop, the public, technical experts within the CALFED agencies, BDAC and CALFED and mailout for review. Content of each package will be closely coordinated with CALFED Bay-Delta Program staff. Contractor will assist CALFED Bay-Delta Program staff in making the presentations.
8. Contractor will refine recommendations, if appropriate, based on comments received during presentations, review of mailout and further considerations by CALFED Bay-Delta Program staff. In addition to the recommendations, the report will outline the analytical tools process, contain the various products produced during the process, and include a discussion of how comments received from the public and agencies were utilized in refining each of the interim products and overall tool selections.

Deliverable Items for *Development of Appropriate Level of Detail*:

- 1a. Provide draft memorandum presenting alternative definitions of level of detail,
- 2a. Provide a draft memorandum and presentation package presenting proposed level of detail and summarizing the issue areas in the Affected Environment section,
- 2b. Provide a final memorandum and presentation package.
- 3a. Provide a draft "further refined" level of detail,
- 3b. Provide a final level of detail report.

CALFED Bay-Delta Program  
Delivery Order Request

Deliverable Items for *Development of Analytical Tools*:

- 1a. Provide a draft identification of most appropriate tools for each category considering the level of detail,
- 1b. Provide a final identification of most appropriate tools for each category considering the level of detail,
- 2a. Develop a draft general screening criteria for tool selection,.
- 2b. Develop a final general screening criteria for tool selection,
- 3a. Provide a draft short executive description of the appropriate tools for each category,
- 3b. Provide a final short executive description of the appropriate tools for each category,
- 4a. Provide a draft identification of analytical tool interrelationships,
- 4b. Provide a final identification of analytical tool interrelationships,
- 5a. Provide a draft identification of any improved tool needs,
- 5b. Provide a final identification of any improved tool needs,
- 6a. Provide a draft recommendation of tools necessary for the completion of the impact analysis,
- 6b. Provide a final recommendation of tools necessary for the completion of the impact analysis,
- 7a. Prepare a draft presentation package for public, technical experts within CALFED agencies, BDAC, CALFED, and mailout,
- 7b. Prepare a final presentation package for a workshop, public, technical experts within CALFED agencies, BDAC, CALFED, and mailout,
- 8a. Provide draft refined recommendations, if appropriate,
- 8b. Provide final refined recommendations, if appropriate,

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