



PROPOSITION 84, SECTION 75022
The Safe Drinking Water, Water Quality and Supply, Flood Control,
River and Coastal Protection Bond Act of 2006

TECHNICAL REPORT
FEASIBILITY STUDY

Water System Name: _____
Project Number: P84__ - _____ - _____
Principal Contact: _____ <i>Name and Title</i>

<i>Phone Number and Email Address</i>
Project Engineer: _____
<i>Name and Title</i>

<i>Phone Number and Email Address</i>

Refer to the Technical Report Guidelines for detailed information on completing this form.

A. WATER SYSTEM INFORMATION

1. Describe the water system and its facilities. Include details relating to source, storage, treatment and distribution.

2. Physical address of the water system and project location description (see guidelines).

Note: Attach maps that showing the service area, existing/proposed facilities, site plan, topography and parcels to be purchased.

3. Agency that has jurisdiction over the water system

CDPH LPA: _____ (list the LPA county)

4. Water Permit status, including the permit number, issue date, and a list of any amendments:

B. PROBLEM DESCRIPTION

1. Describe the ranked problem being addressed by the feasibility study.

2. Does the problem described above still exist? Attach supporting documents to justify the ranking (include the last two years of water quality data, most recent compliance orders, violations, citations, etc.)

3. Is the project the same as what was described in the pre- application or has it changed?

The project is the same as described in the pre-application

The project has changed from that described in the pre-application (describe the new proposed project below)

C. ALTERNATIVE SOLUTIONS

1. Describe each project alternative considered to correct the problem described in Section B:

2. Describe the feasibility of consolidating with one or more water systems. Include the estimated cost of consolidation.

D. SELECTED PROJECT ALTERNATIVE

1. Describe the proposed feasibility study (if a selected project alternative has been determined). **If this feasibility study includes the development of final plans and specifications and environmental documents, the applicant must seek CDPH District approval before proceeding.**

2. Describe how this project will solve the ranked problem (if a selected project alternative has been determined). List all anticipated operational challenges that the project may impose and include any proposed solutions.

3. Is the project consistent with local/county planning (if a selected project alternative has been determined)?

4. If the proposed alternative is to consolidate, list all parties involved and identify the restructured water system that will remain after the project is complete. (Additional information regarding the other participating parties will be requested during the application process).

5. Does the applicant have a 20-year planning document for water demand? Yes No

If Yes, describe the type of document (i.e., Urban Water Management Plan*, other comparable planning document), the date of preparation, the current status, etc.:

*The applicant is not required to submit an Urban Water Management Plan with this application.

6. Is the proposed project in conformance with the planning document above? Yes No

If Yes, describe how the project is in conformance.

7. Describe how industrial and commercial water users impact the peak flow.

E. ELIGIBILITY

1. List any project elements that may be ineligible or partially eligible.

2. List any easements that will be purchased or acquired with Proposition 84 funds. Note: Only easements that are integral to the project are eligible for Prop 84 funding. **Land acquisition is not an eligible cost under a feasibility study.**

F. SCOPE OF WORK AND COST ESTIMATE

1. Project Costs

- a. Total feasibility study cost \$_____
- b. Prop 84 feasibility study funds requested \$_____
- c. Ineligible or partially eligible feasibility study Items \$_____

Attach a scope of work necessary for the completion of the proposed feasibility study (see attached Feasibility Study Scope of Work example). Provide a detailed itemized list with description and anticipated cost associated with each item. Include all non-construction costs and ineligible items.

G. PROPOSED SCHEDULE

Attach the project schedule for the proposed feasibility study (see attached Project Schedule for Proposed Feasibility Study example). The schedule should follow the scope of work items associated with completing the project.

Note: Feasibility studies are required by our Prop 84 criteria to be completed no later than 18 months from the date of execution of a funding agreement.

H. ATTACHMENTS TO TECHNICAL REPORT

See the checklist in the application for documents to be included with this Proposition 84, Section 75022 feasibility study technical report. Make sure your water system's name and pre-application number are on every additional attachment.

I. APPLICATION CERTIFICATION

Provide the signature and date for the Authorized Representative preparing the Technical Report. This certifies that the Authorized Representative possesses the expertise necessary to prepare the report and has been authorized to prepare the report by the water system's governing body. The Authorized Representative preparing the report attests to the accuracy of the information provided.

I hereby certify that this report was prepared by an authorized representative of this public water system and that the information provided in this Technical Report and supporting information is accurate to the best of my knowledge.

Authorized Representative's Signature: _____ Date: _____

Authorized Representative's Name (please print): _____

Authorized Representative's Title: _____

FEASIBILITY STUDY SCOPE OF WORK (EXAMPLE)

[Water System Name]
Project No. P84C- Project Number

DESCRIPTION OF FEASIBILITY STUDY TASKS AND ASSOCIATED BUDGET

NOTE: THE FOLLOWING ARE EXAMPLES OF SCOPE OF WORK TASKS NECESSARY TO BE READY TO PROCEED TO CONSTRUCTION. EACH PROJECT IS UNIQUE HOWEVER SO THE TASKS INCLUDED IN THE SCOPE OF WORK MUST BE SPECIFIC TO THE PROPOSED FEASIBILITY STUDY. ADD ADDITIONAL TASKS AS NEEDED.

PLEASE INCLUDE A DETAILED DESCRIPTION FOR EACH TASK.

Scope of Work		
Item No.	Item Description	Estimated Budget (\$)
1	<p>Project Evaluation</p> <ul style="list-style-type: none"> • Evaluation of current and projected 20-year water supply and demand to identify potential sources available and associated costs of developing each source. • Preparation of a draft Preliminary Design Report • Analysis of all available alternatives, recommending the best option or combination of options to supplement source capacity i.e. potential for consolidation or evaluation of test wells. <p><i>(Note: If consolidation is the recommended alternative, please refer to the Guidelines for Consolidation Projects included in the application materials to determine if the Scope of Work needs to include tasks associated with obtaining/developing the necessary documents for completing a future construction application for a consolidation project.)</i></p> <ul style="list-style-type: none"> • Identification of water treatment or blending options and system improvements needed to facilitate meeting safe drinking water standards and system water demands. • Identify location and proposed number wells • Development of a scope of work and associated cost for a feasibility study. 	\$ _____
2	<p>CEQA (Environmental Documentation)</p> <ul style="list-style-type: none"> • Review project for CEQA Exemptions • Prepare CEQA Documents for planned improvements to ensure compliance with CEQA and other State and Federal environmental requirements. 	\$ _____
3	<p>Hydrological/Geotechnical Investigation</p> <ul style="list-style-type: none"> • Perform soils investigation including soil logging. • Perform required land surveying • Perform Hydrological/Geotechnical investigation 	\$ _____

	<ul style="list-style-type: none"> Prepare Hydrogeologist, Drilling Report 	
4	Drilling of Test Well(s) <ul style="list-style-type: none"> Describe purpose of test well(s), indicate number of test well(s) to be drilled, depth of test well(s), water quality sampling, pump testing, etc. Prepare design for test well(s). Identified in the proposed project area to drill test wells. 	\$ _____
5	Labor Compliance Program <ul style="list-style-type: none"> Ensure Labor Compliance requirements are met for Prop 84 funding. 	\$ _____
6	Water Treatment Pilot Study <ul style="list-style-type: none"> Perform pilot study of proposed treatment. Describe purpose of pilot study and type of treatment being pursued; identify number of pilot studies to be completed and treatment technologies being evaluated. <p>(NOTE: If the project alternative includes both a test well and treatment, it may be recommended for the pilot study to be performed during the construction portion of the project. Please Discuss with the CDPH District Office)</p>	\$ _____
7	Plans and Specifications <ul style="list-style-type: none"> Development of plans and specifications for the drilling and construction of the production wells, blending tank, treatment system (if required), and transmissions line to new well site. Preparation of Plans and specifications for a waterline and water system upgrade project and submitted to the CDPH District Engineer for review. Preparation of bid documents. 	\$ _____
8	Land Appraisal <ul style="list-style-type: none"> Determine value of any property or easements necessary to pursue a possible construction project. <p>Note: Land acquisition costs are not eligible under a feasibility study.</p>	\$ _____
9	Annexation Fee <ul style="list-style-type: none"> LAFCO fees for change of service area due to consolidation to neighboring water system. 	\$ _____
Total		\$ _____

**PROJECT SCHEDULE
FOR PROPOSED FEASIBILITY STUDY
(EXAMPLE)**

[Water System Name]
Project No. P84C- Project Number

EXPECTED DATES OF COMPLETION

NOTE: THE TIMEFRAMES SHOULD BE EXPRESSED IN MONTHS FROM THE ANTICIPATED DATE OF EXECUTION OF A FUNDING AGREEMENT, RATHER THAN SPECIFIC DATES. THE PROPOSED PROJECT SCHEDULE SHOULD INCORPORATE THE ITEMS LISTED IN THE SCOPE OF WORK PROVIDED.

Item No.	Item Description	Expected Time of Completion from the Date of Execution of a Funding Agreement
1	Project Evaluation	____ Months
2	CEQA (Environmental Documentation)	____ Months
3	Hydrological/Geotechnical Investigation	____ Months
4	Drilling of Test Well(s)	____ Months
5	Labor Compliance Program	____ Months
6	Water Treatment Pilot Study	____ Months
7	Plans and Specifications	____ Months
8	Land Appraisal	____ Months