

AttE_CostEstBudget_1of3

■ The cost estimates of the two Project components described in this proposal (giant reed removal and well installation at Foster Park) were developed during the Feasibility Study phase of the Project. Table 4-4 of the Matilija Dam Ecosystem Restoration Project EIS/EIR (September 2004) presents the cost estimates for implementing the recommended alternative. The estimated Project costs were developed in accordance with Mirco-Computer Applied Cost Engineering System (MCACES) estimating procedures and guidelines for estimating Project construction costs. The current cost estimate is based on FY 2004 price levels and reflect estimates developed by the USACE and information from the VCWPD for implementing the Project components. The estimates include costs for all Lands, Easements, Relocations, Rights-of-Way, and Disposal Sites (LERRD), implementation of the ecosystem restoration features (e.g., giant reed removal), construction of mitigation requirements to reduce water supply impacts (e.g., wells at Foster Park), etc. The cost estimates also include the cost of the Preconstruction, Engineering and Design (PED) phase, which includes detailed design, plans and specifications, real estate requirements, as well as administration costs for engineering and construction activities. Operations and Maintenance costs for 5, 10 and 50 years for appropriate project components were also estimated for the overall budget.

■ Please see attached cost summary table for giant reed removal and well installation.

■ As shown on the attached budget spreadsheets, grant funds will be used primarily for Project implementation. Administration, planning, engineering/design, and other pre-implementation tasks will be funded by match monies and conducted prior to January 1, 2007, so that implementation may begin upon grant contract execution. Monitoring tasks and construction management will track impacts (both negative and beneficial) and work progress.

Neither the USACE nor the VCWPD include overhead in project budgets. Labor rates of the VCWPD staff and/or consultants are based on contract rates approved by the Ventura County Board of Supervisors and prevailing wage rates for construction contractors established by the federal and/or state government.

■ Project components that are related and important to the success of the overall Matilija Project including the two components described in this proposal include the 10 other project components described in Attachment A. Cost estimates for all project components including giant reed removal and well installation at Foster Park are provided in Technical Appendix F of the EIS/EIR (attached, see Table 4b, Recommended Plan). The total estimated cost for the Recommended Plan is approximately \$123 million. The estimated cost for the Recommended Plan that is not being funded by this grant request is approximately \$115 million. The remaining 10 Project elements that will be implemented subsequent to the initial giant reed removal and well installation will be funded with federal appropriations, other state or federal grant funds, and VCWPD revenue sources.

Other tasks that are not currently funded by this grant request but are important to the success of the two Project components described herein include: bioassessment monitoring, annual mass emission water quality monitoring conducted by VCWPD, and monthly water quality monitoring conducted by the Ventura River Stream Team. These data provide a substantial amount of baseline information on the water quality and the distribution and abundance of benthic macroinvertebrates in the Ventura River watershed. These efforts are ongoing and expected to continue during implementation of the Project components described herein. Additional monitoring described in the Giant Reed Control and Monitoring Plan will supplement these data and will be compared with baseline data to investigate how the ecosystem responds to a large-scale disturbance (i.e., giant reed removal).

■ Please see Attachment D. Project stakeholders (VCWPD, USACE and SCC) have invested approximately \$6.47 million in the Feasibility Study phase, and approximately \$19,008 in the current Design phase for the wells at Foster Park.