

Attachment 6

Budget

The proposed budget for the *Napa County Groundwater/Surface Water Monitoring Facilities to Track Resource Interrelationships and Sustainability* project is summarized below in Table 1. The total estimated cost of the proposed project is \$295,548. Of this total estimate, \$46,600 is estimated to be provided through Local Funds made available from the Napa County Flood Control and Water Conservation District (\$10,500) and County In-Kind services (\$36,100). The requested grant fund amount is \$248,948.

Table 2 contains a detailed breakdown of each task and labor hours used in estimating the costs included in the above budget summary. Each budget line item described in Table 2 applies to all of the tasks and subtasks described in **Attachment 5, the Work Plan**.

The labor costs are based on rates for by corresponding professional staff person for the proposed technical services contractor (Luhdorff & Scalmanini, Consulting Engineers) and County billing rates associated with the County staff persons for several tasks. The County plans to incur all administrative expenses, as well as other project-related expenses as detailed in Table 2, under its In-Kind contribution. Specifically, additional County In-Kind contributions include:

- Personnel support for Task 3, including assistance with the installation of surface water monitoring instrumentation and surveying work for the groundwater and surface water facilities;
- Personnel support for Task 4, including water level and water quality data downloads and checks on instrument operation to ensure all instruments are functioning as programmed and as required to acquire the necessary data, and also to transfer data to DWR;
- Personnel support for Task 5, including preparation of Quarterly Status Reports and conducting stakeholder and community outreach.

Costs shown under the column “Other” for requested grant funds include: \$82,500 for monitoring well drilling and construction. The County would administer this contract directly so there are no administrative charges associated with this estimate. The drilling cost estimate to construct six, dual-completion monitoring wells was based on preliminary well designs, anticipated drilling conditions, costs from recent projects of similar size and scope, and an actual bid from a drilling contractor. Preliminary well designs were used to develop an itemized bid sheet which, along with a brief project description, which was forwarded to drilling contractor for actual bidding. The cost estimate submitted by the drilling contractor (Att#6_LGA12_NapaCnty_BUDGET_2of2), which is preliminary and for cost estimation purposes only, was compared to cost estimates from other projects of similar size and scope completed in the past year. The construction cost estimate shown in Table 2 (under Task 2.2, “Other”) was augmented relative to the bid provided based on the cost comparison, anticipated drilling conditions, and mobilization costs. Should the project be funded by DWR, drilling and well construction services would be contracted based on an open bidding process in accordance with all applicable County and bond funding requirements.

Also included under the column “Other” for requested grant funds is the groundwater and surface water monitoring instrumentation. The manufacturers’ models and equipment used for purpose of this estimate

is included in **Attachment 5, the Work Plan**. This equipment would be purchased directly by the County, so there is no administrative cost associated with this purchase.

Table 1 – Budget Summary

Applicant Name: Napa County

Project Title: Napa County Groundwater/Surface Water Monitoring Facilities to Track Resource Interrelationships and Sustainability

| Task | Description | Requested Grant Funds | Local Funds | County In-Kind | Total Cost |
|-------------|---|------------------------------|--------------------|-----------------------|-------------------|
| 1 | Detailed Site Investigation - Existing Data Review | \$ 19,330 | \$ - | \$ - | \$ 19,330 |
| 2 | Monitoring Well Installation, Initial Water Quality Sampling, Monitoring Well Instrumentation | \$ 125,848 | \$ - | \$ - | \$ 125,848 |
| 3 | Surface Water Monitoring Station Installation, Monitoring Sites Survey | \$ 25,870 | \$ - | \$ 4,760 | \$ 30,630 |
| 4 | Ongoing Water Level and Water Quality Data Acquisition and Management | \$ 17,210 | \$ 10,500 | \$ 21,600 | \$ 49,310 |
| 5 | Project Data Analysis and Reporting | \$ 60,690 | \$ - | \$ 9,740 | \$ 70,430 |
| | Grand Total (sum columns for each task) | \$ 248,948 | \$ 10,500 | \$ 36,100 | \$ 295,548 |

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