

## **Proposition 68 Grant Application – Scope and Cost Estimate Overview**

Note: Grant application is under development the estimates are subject to change based on feedback from the Board, TAC and further budget refinement.

### **Category A Grant Management Estimate: \$70,800**

- Contractor coordination
- Grant Agreement amendments or modifications
- Quarterly Progress Reports and invoices including budget and schedule updates
- Draft and final grant completion report
- Coordination and communication with Department of Water Resources
- Environmental Information Form

### **Category B Stakeholder Engagement/Outreach Estimate: \$313,000**

- 4 public meetings (2 in 2020 and 2 in 2021)
- Targeted stakeholders meetings (tribal engagement, one on one meetings, Farm Bureau) 12 meetings in 2 years
- Targeted meetings with TAC members and board members as needed (8 meetings over 2 years)
- Development of targeted material to be distributed by the county
- Printing and distribution of materials

### **Category C GSP Development Estimate: \$350,000**

- Coordination with Sonoma Water and USGS to develop a new model embedded in the model currently developed by USGS. Development of a new MODFLOW groundwater model and of a new Rainfall-Runoff model for the entire watershed (PRMS). This was requested by the TAC as a better representation of surface water flows is critical for development of a successful plan (\$250,000)
- GSP writing and responding to comments: a new process is under development to develop draft chapters sooner than expected and to better include public comments into the GSP document and this was not budgeted in the previous effort. We believe that providing opportunities to comment at different stages of the GSP development will enhance the reliability of the GSP and will result in a GSP widely endorsed (\$100,000)

### **Category C Monitoring/Assessment Estimate: \$400,000**

- Isotopic Recharge study to analyze surface water samples, well samples and rainfall samples: this will enhance understanding of SW/GW interactions, enhance the hydrogeological conceptual model, delineate primary recharge areas and recharge

sources and will be helping in designing future groundwater recharge projects (\$150,000)

- Install and instruments more transects throughout the Russian river and in some tributaries: the area is very poor of long-term data and instrumenting a good and reliable monitoring network of both surface water and groundwater is critical for demonstrating basin sustainability in the next 20 years. This task may involve drilling new monitoring wells which will complement the new wells approved through TSS (\$150,000)
- Water Agency: Coordination with DWR on the drilling of wells. Purchasing and installation of equipment. Finalizing land access agreements for well and monitoring equipment. Incorporation of monitoring network in CASGEM program (\$24,000)
- Geophysical studies: better validation of information provided by borelogs data would help increasing the HCM reliability, will inform selection of new wells site. Some specific studies such as NMR (Nuclear-Magnetic Resistance) in specific areas would significantly improve the understanding of the basin (\$100,000)

**Category C Water Agency Participation and Review of addition grant items Estimate: \$39,000**

- Participation, comment and review of category C by Mendocino County Water Agency and Ukiah Valley Groundwater Sustainability Agency (\$39,000)

**Total Grant Application Budget Estimate: \$1,1196,800**