



PROP 1 GSP GSP GRANT APPLICATION

November 8, 2017

Eastern San Joaquin
Groundwater Authority

Key Points

- \$2,176,420 Total GSP Cost Estimate
- Apply for a Disadvantaged Community Waiver
 - If approved, local cost share is reduced to 25%.
- Apply for the Maximum \$1.5M Grant Amount
- Cost Estimate Sufficient to Ensure Funds are Adequate for Substantially Compliant GSP
- Standard is Substantial Compliance
- Construct Monitoring Wells Added to Task 5
- Propose a Budgetary Approach Expend Only What Needed
- Compressed Schedule:
 - Effective Completion Date - June 30, 2019

Cost Estimate Summary

| | | |
|--|--------------------|-------------|
| 1. Project Management | \$115,240 | 5% |
| 2. Develop Fundamental Tools | | |
| 2.1 Communicatons & Engagement Plan and Tracking System | \$44,560 | 2% |
| 2.2 Data Management System | \$193,600 | 9% |
| 2.3 Water Accounting & Sustainable Management Framework | \$68,800 | 3% |
| 3. Administrative Information | \$263,560 | 12% |
| 4. Communications and Engagement | \$465,900 | 21% |
| 5. Basin Setting (includes monitoring well construction) | \$338,000 | 16% |
| 6. Groundwater Conditions | \$117,360 | 5% |
| 7. Water Budget | \$80,280 | 4% |
| 8. Sustainable Management Criteria | \$121,080 | 6% |
| 9. Projects and Management Actions | \$103,640 | 5% |
| 10. Establish Monitoring Networks | \$210,120 | 10% |
| 11. Submit Groundwater Sustainability Plan to DWR | \$54,280 | 2% |
| Total | <u>\$2,176,420</u> | <u>100%</u> |

PROPOSED LOCAL COST SHARE ALLOCATION AMONG GSAs:

Split Evenly, with Zone 2 Contribution

- Remaining Cost to be Redistributed = \$226,420
- GSAs' Shares = $\$676,420/17 = \$39,789$
- Zone 2 Contribution = \$450,000
 - Not all GSAs in San Joaquin County
 - Divide \$450,000 by the number of GSAs in SJC (16)
- Share Reduction Per GSA (In SJC) by Zone 2 = \$28,125
- Remaining Share per GSA in SJC = \$11,664
- Eastside GSA Share = $\$676,420/17 = \$39,789$

Payable in two installments following adoption of GWA Budget (July 1, 2018 and July 1, 2019)

DRAFT – For Discussion Purposes Only

Proposed Local Cost Share Allocation per Groundwater Sustainability Agency

| | Groundwater Sustainability Agency | Total Amount* |
|----|---|----------------------|
| 1 | Central Delta Water Agency | \$11,664 |
| 2 | Central San Joaquin Water Conservation District | \$11,664 |
| 3 | City of Lathrop | \$11,664 |
| 4 | City of Lodi | \$11,664 |
| 5 | City of Manteca | \$11,664 |
| 6 | City of Stockton | \$11,664 |
| 7 | Eastside GSA | \$39,789 |
| 8 | Linden County Water District | \$11,664 |
| 9 | Lockeford Community Services District | \$11,664 |
| 10 | North San Joaquin Water Conservation District | \$11,664 |
| 11 | Oakdale Irrigation District | \$11,664 |
| 12 | San Joaquin County GSA | \$11,664 |
| 13 | San Joaquin County GSA No. 2 (Cal Water) | \$11,664 |
| 14 | South Delta Water Agency | \$11,664 |
| 15 | South San Joaquin GSA | \$11,664 |
| 16 | Stockton East Water District | \$11,664 |
| 17 | Woodbridge Irrigation District | \$11,664 |
| | Zone 2 Contribution | <u>\$450,000</u> |
| | Total | \$676,420 |

* Payable in two installments following adoption of GWA Budget (July 1, 2018 and July 1, 2019)

Request for Proposals

- Based on San Joaquin County Public Works Business Practices,
- Consultant Scope of Work defined by the Work Plan in the DWR Grant Application,
- Proposals limited to approximately 50 pages plus additional detailed resumes.

Solicitation Schedule

- November 13, 2017 – Release Request for Proposals,
- December 18, 2017 – Written proposals due,
- January 10, 2018 – Selection Committee selects firms to interview,
- January 24, 2018 – Selection Committee conducts interviews, selects consultants, and initiates contract negotiations,
- February 14, 2018 – ESJGWA Board to consider approval of consultant services agreement.

Proposal Evaluation Scoring Sheet

QUALIFICATIONS EVALUATION WORKSHEET

CONSULTANT _____

Subconsultants _____

| | (a) Weight | (b) Score 0-10 | (a x b) Weighted Score |
|--|---------------|----------------------|------------------------------|
| WRITTEN SOQ & TECHNICAL PROPOSAL | | | |
| A. CONSULTANT Profile and Overall Capabilities | 1.00 | _____ | _____ |
| B. Key Personnel | 1.00 | _____ | _____ |
| C. Similar Reference_Projects | 1.00 | _____ | _____ |
| D. Knowledge of Local Conditions and Concerns | 1.00 | _____ | _____ |
| E. Project Approach and Work Plan | 1.00 | _____ | _____ |
| F. Value Added to Enhance Project Scope | 1.00 | _____ | _____ |

SUBTOTAL WRITTEN SCORE (60 points maximum)

ORAL PRESENTATION/INTERVIEW

| | | | |
|---|------|-------|-------|
| A. Demonstrated knowledge of required work | 1.00 | _____ | _____ |
| B. Demonstrated course of action to meet goals | 0.50 | _____ | _____ |
| C. Demonstrated capabilities of firm/subconsultant project team | 0.50 | _____ | _____ |
| D. Demonstrated sensitivity to local/regional issues | 1.00 | _____ | _____ |

SUBTOTAL INTERVIEW SCORE (30 points maximum)

TOTAL SCORE (90 points maximum)

EVALUATOR _____ DATE _____

Selection Committee Members

- Selection Committee to come from GSAs,
- Must commit to reviewing and scoring all written proposals,
- Must commit to open and frank discussions of the merits and qualifications of the proposals,
- Must be available the afternoon of January 10, 2018 and all day January 24, 2018.

Staff Recommendation

- Authorize staff to release RFP.
- Direct staff to enlist participants for the Selection Committee.
- Please note: Once the RFP is released, consultants are prohibited from attempting to influence the consultant selection by contacting Selection Committee members, ESJGWA member officials and staff, or any other individuals and entities involved in the selection process.



Questions?

1. Project Management

- 1.1. Kick-off Meeting
- 1.2. Coordination Meetings
- 1.3. Grant Management and Reporting
- 1.4. DWR Coordination

- 24 Monthly Meetings
- 9 Quarterly Grant Management Reports
- \$115K (5%)

2. Develop Fundamental Tools

Fundamental tools to shape the work to be done and guide level of effort (\$307K, 14%)

- 2.1. Develop Stakeholder Communication and Engagement Plan
- 2.2. Develop Data Management System
- 2.3. Develop Water Accounting Framework
 - Hydrologic Assessments and Forecasting
 - Water Shortage and Cost Allocation Strategy
 - Approach for Setting Sustainable Management Criteria
 - Approach to Identifying & Filling Data Gaps

3. Administrative Information

3.1. Background Information

3.2. Water Resource Monitoring and Management Programs

3.3. Land Use Elements or Topic Categories of Applicable General Plans

3.4. Additional GSP Elements Characterizing Subbasin Conditions

- Control of saline water intrusion
 - Migration of contaminated groundwater
 - Well abandonment and well destruction program
 - Replenishment of groundwater extractions
 - Conjunctive use and underground storage
 - Impacts on groundwater dependent ecosystems
-
- Rely on IRWMP & Updated Model
 - New topics including Groundwater Dependent Ecosystems
 - \$264K (12%)

4. Communications and Engagement

4.1. Perform Outreach and Communication

- External of GSAs

4.2 Stakeholder Involvement and Engagement

- GSA focused

4.3 Summarize Notifications and Communications

- \$466K (21%)

5. Basin Setting

- 5.1. Physical Setting and Characteristics
- 5.2. Hydrogeologic Conceptual Model
- 5.3. Identification of Data Gaps and Uncertainty
- 5.4 Construct Monitoring Wells

- Rely on IRWMP and Updated Model to extent possible
- \$338K (16%)

6. Groundwater Conditions

6.1. Description of Current and Historical Groundwater Conditions

6.2. Surface Water Supply

6.3. Management Areas

- Use Updated Model for Current and Historical Conditions
 - Includes 1995-2015 only
- \$117K (5%)

7. Water Budget

7.1. Modify Groundwater Model

7.2. Develop Historical Water Budget

7.3. Develop Projected Water Budget

- Estimate Future Baseline Supply, Demand and Response
 - Estimate Aquifer Response to Plan Implementation
 - Estimate Uncertainty in Supply and Response
-
- Use Updated Model for Current and Historical Condition
 - Includes 1995-2015 only
 - \$80K (4%)

8. Sustainable Management Criteria

8.1. Establish Sustainability Goals

8.2. Develop Processes and Criteria to Define Undesirable Results

- Description of undesirable results
- Cause of groundwater conditions that would lead to undesirable results
- Criteria used to define undesirable results for each sustainability indicator
- Potential effects of undesirable results on beneficial uses and users of groundwater

8.3. Establish Minimum Thresholds and Sustainability Indicators

- Description of each minimum threshold and how they were established for each sustainability indicator

8.4. Define Measurable Objectives to Obtain Goals in 20 Years

- Description of establishment of the measurable objectives for each sustainability indicator
- Description of how a reasonable margin of safety was established for each measurable objective
- Description of interim milestones

- \$121K (6%)
- Simplified accounting method will substantially reduce effort

9. Projects and Management Actions

- Determine Projects and Management Actions
- Evaluate Response to Projects and Management Actions
- Describe Projects and Management Actions
 - Measurable objective that is expected to benefit from each project and management action
 - Management of groundwater extractions and recharge
 - Overdraft mitigation projects and management actions
 - Estimated costs and plans to meet those costs
 - Permitting and regulatory process
 - Time-table for initiation and completion
 - Expected benefits and how they will be evaluated
 - Legal authority required
- Use IRWMP Project List
- Include Management Actions
- \$104K (5%)

10. Establish Monitoring Networks

- Description of monitoring network (density, frequency, rationale)
- Description of monitoring network objectives
- Describe Monitoring Protocols
- Describe Representative Monitoring
- Assessment and Improvement of Monitoring Networks
- Report Monitoring Data to DWR

- Reduced costs from representative monitoring
- Reduced costs from simplified accounting
- Reduced costs from minimizing number of management areas
- \$210K (10%)

11. Submit Groundwater Sustainability Plan to DWR

- Publish Draft Plan
- Public Hearing
 - Provide public notice on intent to adopt plan
 - Hold public hearing (90 days after notice)
- Adoption by GSAs (after public hearing)
- Submit GSP

- Target Completion Date – June 30, 2019
- \$54K (2%)

SCHEDULE
EASTERN SAN JOAQUIN SUBBASIN GROUNDWATER SUSTAINABILITY PLAN
10/24/17

