



City of Sacramento City Council

915 I Street, Sacramento, CA, 95814
www.CityofSacramento.org

Meeting Date: 4/12/2011

Report Type: Consent

Title: Cost Sharing Agreement: Prop 1E Grant Application

Report ID: 2011-00337

Location: Districts 1, 4

Recommendation: Adopt a Resolution authorizing the City Manager or the City Manager's designee to: (1) execute a Cost Share Agreement with the Placer County Flood Control and Water Conservation District for the purpose of preparing a grant application for the State of California Department of Water Resources' Integrated Regional Water Management Grant Program funded by Proposition 1E grant funds; and (2) prepare the necessary data, conduct investigations, file such grant application, and execute the grant agreement with the California Department of Water Resources, up to a maximum grant amount of \$7.5 million.

Contact: Bill Busath, Interim Engineering Manager, (916) 808-1434; Rick Matsuo, Supervising Engineer, (916) 808-1728, Department of Utilities

Presenter:

Department: Department Of Utilities

Division: Cip Engineering

Dept ID: 14001321

Attachments:

- 1- Description/Analysis
- 2 - Background
- 3 - Resolution
- 4 - Unexecuted Agreement Cover
- 5 - Exhibit A - Agreement

City Attorney Review

Approved as to Form
Joe Robinson
4/4/2011 5:09:02 PM

City Treasurer Review

Prior Council Financial Policy Approval or
Outside City Treasurer Scope
Russell Fehr
3/24/2011 10:11:59 AM

Approvals/Acknowledgements

Department Director or Designee: Marty Hanneman - 4/1/2011 12:08:01 PM

Eileen Teichert, City Attorney

Shirley Concolino, City Clerk
Gus Vina, Interim City Manager

Russell Fehr, City Treasurer

Assistant City Manager: John Dangberg - 4/4/2011 4:59:12 PM



Description/Analysis

Issue: In August 2010, the State of California Department of Water Resources (DWR) released the Integrated Regional Water Management (IRWM) Grant Program Proposal Solicitation Package for Stormwater Flood Management grants, funded by Proposition 1E. The City intends to apply for up to \$7.5 million in grant funds to continue its Combined System Improvement Program Project. The grant application process is complex and requires consultant assistance. The Placer County Flood Control and Water Conservation District (District) will serve in the lead agency role in preparation of the grant application package to receive Proposition 1E funds for local qualifying projects. Participating agencies will each fund their fair share cost for the preparation of the grant application as specified in the proposed Cost Share Agreement. The other participating agencies including the City of Sacramento are Placer County Water Agency and the Sacramento Area Flood Control Agency.

Staff recommends that Council authorize the City Manager or the City Manager's designee to execute a Cost Share Agreement with the District for the purpose of preparing a grant application to be submitted by the City to fund portions of the City's Combined System Improvement Program Project, up to a maximum grant amount of \$7.5 million.

To comply with the IRWM Grant Program requirements, the attached Resolution also authorizes the City Manager or the City Manager's designee to prepare the necessary data, conduct investigations, file the grant application and enter into an agreement with DWR to receive the grant. The grant would require that the City match the grant amount up to \$7.5 million of local dollars. The local match requirement will be met by recently completed projects as well as projects that are under construction in the combined system.

Policy Considerations: This report's recommendation is consistent with the City's Strategic Plan Goals of improving and expanding public safety and achieving sustainability and livability. City Council approval is required for the establishment of a grant over \$100,000.

Environmental Considerations: The authorizations requested in this staff report relate to funding mechanisms that do not constitute a project as defined by CEQA Guidelines Section 15378 (b). Any projects that receive grant funding will be subject to such environmental review as may be required under CEQA prior to project approval.

Sustainability: The purpose of the project is to reduce combined system outflows and treated and untreated discharges in order to reduce public health nuisance and the potential pollution of surface or ground waters. As such, the project scope of work is consistent with the City Sustainability Master Plan in advancing the following goals:

1. Conserving the use and protection of sources of water
2. Protecting and restoring the City's urban creeks

Commission/Committee Action: Not applicable

Rationale for Recommendation: This will allow the City to apply for DWR's Integrated Regional Water Management Proposition 1E Grant funding, to receive up to \$7.5 million in matching grant funds for the construction of the City's Combined System Improvement Program Project.

Financial Considerations: The City's total estimated cost under the proposed Cost Share Agreement is estimated not to exceed \$25,483.33. Funding for this grant application will come from the Sewer and Drainage Base CIP Reserves, X14000500 and W14000200, respectively.

Should the City receive a grant award, the grant monies will fund portions of the Combined System Improvement Program Project. Recently completed projects including projects under construction in the combined system will qualify for the local match amount in which no additional funding will be required.

Emerging Small Business Development (ESBD): ESBD considerations do not pertain to this funding application. Contracts for which funding is accepted will require compliance with applicable ESBD and/or federal MBE/WBE requirements.

Background

In August 2010, the State of California Department of Water Resources (DWR) released the Integrated Regional Water Management (IRWM) Grant Program Proposal Solicitation Package for Stormwater Flood Management grants, funded by Proposition 1E. The City intends to apply for up to \$7.5 million in grant funds to continue its Combined System Improvement Program Project. The grant application process is complex and requires consultant assistance. The Placer County Flood Control and Water Conservation District (District) will serve in the lead agency role in preparation of the grant application package to receive Proposition 1E funds for local qualifying projects.

The participating agencies will each fund their fair share cost for the preparation of the grant application as specified in the proposed Cost Share Agreement. The total estimated cost of the work to prepare the package is \$97,910. The City's portion of the cost will not exceed \$25,483.33. The cost share amounts for the other three agencies are included in the Agreement.

Staff recommends that Council authorize the City Manager or the City Manager's designee to execute a Cost Share Agreement with the District for the purpose of preparing the grant application to fund portions of the City's Combined System Improvement Program Project, up to a maximum grant amount of \$7.5 million. To comply with IRWM Grant Program requirements, it also is necessary for the Council to authorize the City Manager or the City Manager's designee to prepare the necessary data, conduct investigations, file the application, and enter into an agreement with DWR to receive the grant. The Grant would require that the City match the grant amount up to \$7.5 million of local dollars. The local match requirement will be met by recently completed projects as well as projects that are under construction in the combined system.

RESOLUTION NO. 2011-

Adopted by the Sacramento City Council

April 12, 2011

COST SHARE AGREEMENT WITH THE PLACER COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT FOR PREPARATION OF A GRANT APPLICATION FOR THE INTEGRATED REGIONAL WATER MANAGEMENT GRANT PROGRAM AND AUTHORIZATION TO SUBMIT GRANT APPLICATION AND EXECUTE GRANT AGREEMENT

BACKGROUND

- A. In August 2010, the California Department of Water Resources (DWR), released the Integrated Regional Water Management (IRWM) Grant Program Proposal Solicitation Package for Stormwater Flood Management grants, funded by Proposition 1E.
- B. The City of Sacramento wishes to submit a grant application under the DWR Proposition 1E IRWM Stormwater Flood Management Grant Program.
- C. The City of Sacramento has identified the Combined System Improvement Program Project to be included in the grant application. The City could potentially receive \$7.5 million in grant funding for this project which will require up to \$7.5 million of local match. The local match requirement will be met by recently completed projects as well as projects that are under construction in the combined system.
- D. The Placer County Flood Control and Water Conservation District will serve in the lead agency role in preparation of the application package to receive Proposition 1E funds for local qualifying projects.
- E. The Placer County Flood Control and Water Conservation District has prepared a Cost Share Agreement among participating agencies, including the City, to fund the cost of preparing the grant application packages with each participant's estimated cost share amount.
- F. The City's Combined System Improvement Program Project (X14010000) will promote public health, improve source water quality and provide flood protection, and meets eligibility requirements for financial assistance from the IRWM Proposition 1E Grants.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The City Manager or the City Manager's designee is authorized to execute a Cost Share Agreement with the Placer County Flood Control and Water Conservation District for the purpose of preparing a grant application for the State of California Department of Water Resources' Integrated Regional Water Management Grant Program funded by Proposition 1E grant funds.
- Section 2. The City Council hereby resolves that such application be made to the California Department of Water Resources to obtain Stormwater Flood Management grant funding pursuant to the Disaster Preparedness and Flood Prevention Bond Act of 2006 (Public Resource Code Section 5096.800 *et seq.*), and to enter into an agreement to receive such grant for the City's Combined System Improvement Program Project.
- Section 3. The City Manager or the City Manager's designee is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute the grant agreement with the California Department of Water Resources, up to a maximum grant amount of \$7.5 million.
- Section 4. Exhibit A is part of this Resolution.

Table of Contents:

- Exhibit A Cost Share Agreement



Unexecuted Contract/Agreements

- The Unexecuted Contract/Agreement is signed by the other party, is attached as an exhibit to the resolution, and is approved as to form by the City Attorney.

- The Unexecuted Contract/Agreement (Public Project) is NOT signed by the other party, is attached as an exhibit to the resolution, and is approved as to form by the City Attorney.

- The Unexecuted Contract is NOT included as an exhibit to the Resolution because the Agreement(s) is with other another governmental agency and it is not feasible to obtain the other agency's signature prior to Council action (be they denominated Agreements, MOUs, MOAs, etc.); however, the City Attorney approves the forwarding of the report to Council even though the signed agreement is not in hand yet.

- The Unexecuted Contract is NOT included as an exhibit to the resolution because, due to special circumstances, and the City Attorney confirms in writing that it is okay to proceed with Council action even though the signed agreement is not in hand yet.

All unexecuted contracts/agreements which are signed by the other parties are in the Office of the City Clerk before agenda publication.



AGREEMENT BETWEEN PLACER COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT AND CITY OF SACRAMENTO

FOR PARTICIPATION IN PROPOSITION 1E STORMWATER FLOOD MANAGEMENT GRANT APPLICATION PROJECT

This Agreement is made and entered into as of the ____ day of _____, 2011 by and between the Placer County Flood Control and Water Conservation District (“DISTRICT”) and City of Sacramento (“CITY”), and upon their execution of this agreement, the DISTRICT will act as lead agency in managing the preparation and submittal of a collaborative Proposition 1E grant application to the Department of Water Resources (“DWR”) on or before 5:00 pm, April 15, 2011.

RECITIALS

- A. The DISTRICT was established in 1984 by the State Legislature as a Special District, separate from county government, to address flood control issues arising with growth.
- B. CITY was established in 1849 and is a Charter City.
- C. DWR has released the initial round of grant application funding from Proposition 1E to fund Storm Water Flood Management, and, where feasible, provide other benefits such as groundwater recharge, water quality, and ecosystem restoration. CITY and the DISTRICT desire to develop a mutually beneficial grant application and pursue this funding opportunity.
- D. CITY and the DISTRICT desire to have RMC Water and Environment INC. (“RMC”), a professional engineering provider, prepare and submit a Proposition 1E grant application on behalf of CITY and the DISTRICT, on or before 5:00 pm, April 15, 2011. RMC assisted with the preparation of the recently submitted (January 2011) Proposition 84 DWR grant funding opportunity that both CITY and the DISTRICT were participants in and this grant application is very similar in context and form.
- E. CITY and the DISTRICT (collectively referred to as the Participants) desire to share the common costs of the grant application and individually pay for those costs and portions of the grant application that are unique to each participant in this Agreement.

In consideration of the promises, terms, conditions and covenants contained herein, the Participants to this Agreement hereby agree as follows:

- 1. **Recitals incorporated.** The forgoing recitals are hereby incorporated by reference.
- 2. **Description of Project.** The project that CITY and the DISTRICT desire to carry out involves providing cost share funding for the development and submission of a collaborative grant application, to be prepared and submitted by RMC to DWR, for grant funding under the Disaster Preparedness and Flood Prevention Bond Act of 2006 (“Prop 1E”). The Application is due by 5:00 pm, April 15, 2011, so timely execution of this Project Agreement is of the essence. RMC’s scope of work and overall cost proposal to

complete the Project is attached as Exhibit 1. If successful, implementation and management of the grant award would be subject to a separate Agreement.

3. **Sharing in Project Costs and Benefits.** Subject to the provisions of this Agreement, the CITY and the DISTRICT will participate in the Project. Similar separate agreements may be reached between the DISTRICT and other partnering agencies. Each Participant's share of the costs shall be divided equally for all costs that are common to the grant application. Additionally, each Participant shall be responsible for those costs that are unique to the Participant's portion of the grant application. Each Participant's cost share is shown on Exhibit 2.
4. **CITY Not-To-Exceed Cost.** The CITY cost share under this Agreement shall not exceed TWENTY FIVE THOUSAND FOUR HUNDRED AND EIGHTY THREE DOLLARS AND THIRTY THREE CENTS (\$25,483.33).
5. **Role of the DISTRICT.** The DISTRICT will: (a) provide information to the CITY on the status of the implementation of the Project, and (b) administer the grant application process on behalf of the CITY consistent with the provision of this Agreement, including entering into and administering the contract with RMC for performance of the services described herein.
6. **Role of CITY.** In addition to any other obligation provided under this Agreement, CITY will timely respond to all requests for information from the DISTRICT and RMC, sign and deliver all necessary documents (subject to any applicable approval requirements), and take all other actions reasonably necessary to assist the District in administering and carrying out the Project. As described in Section 2 above, this Agreement covers only the grant application. If successful, it is anticipated that a new project agreement would be developed for implementation and management of the grant. CITY and the DISTRICT both acknowledge that they are aware of provisions that DWR would require in awarding grant funds.
7. **Payments.** All Project payments to RMC will be made by the DISTRICT under the DISTRICT's professional services agreement with RMC. CITY Project payments to the DISTRICT will be made upon presentation of an invoice to CITY and the CITY's cost share for undisputed amounts will be paid to the DISTRICT on a net 30 day basis.
8. **Term.** This Agreement will remain in effect until June 30, 2011, or will terminate on any earlier date that all of the Participants' obligations under this Agreement have been met.
9. **Withdrawal.** A Participant may withdraw from this Agreement at any time, effective upon thirty days' notice to the DISTRICT and the other Participants, if any, provided that the withdrawing Participant will not be entitled to a refund of any portion of its initial Project costs.
10. **Amendments.** This Agreement may be amended from time to time with the written approval of both of the Participants.

11. **General Provisions.** Any notice to be given under this Agreement may be made by: (a) depositing in any United States Post Office, postage prepaid to the addresses shown below, and shall be deemed received at the expiration of 72 hours after its deposit; (b) transmission by facsimile copy; (c) transmission by electronic mail; or (d) personal delivery. This Agreement shall be governed by the laws of the State of California. This Agreement may be executed by the parties in counterpart, each of which when executed and delivered shall be an original and all of which together will constitute one and the same document.

DISTRICT: Attn: Brian Keating
 Placer County Flood Control and Water Conservation District
 3091 County Center Drive, Suite 220
 Auburn, California 95603
 Fax: (530) 745-3531

CITY: Attn: Rick Matsuo
 City of Sacramento
 Department of Utilities
 1395 35th Avenue
 Sacramento, California 95822
 Fax: (916) 808-1497

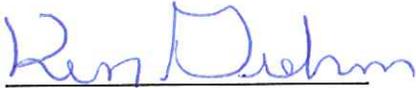
The forgoing Proposition 1E Grant Project Agreement is hereby consented to and authorized by the Participants.

Dated: 3/25, 2011

Dated: _____, 2011

Placer County Flood Control and Water Conservation District

City of Sacramento



Signature

Signature

Ken Grehm, Executive Director

Name, Title

Approved as to form:

Approved as to form:



Robert Sandman, District Counsel

City Attorney

Attest:

City Clerk

Attachments:

Exhibit 1: Scope of Work and Cost Proposal

Exhibit 2: Cost Share by Agency

Placer County Flood Control and Water Conservation
District / Placer County Water Agency / City of Sacramento
/ Sacramento Area Flood Control Agency
Proposal for the Preparation of the
Proposition 1E Stormwater Flood Management (SWFM)
Grant Application

1. DETAILED SCOPE OF SERVICES

1.a. Background

In August 2010, the California Department of Water Resources (DWR) released the Integrated Regional Water Management (IRWM) Grant Program Proposal Solicitation Package (PSP) for Stormwater Flood Management (SWFM) grants, funded by Proposition (Prop) 1E. A total of \$212 million in SWFM funding is available through this first grant round, and of this amount, DWR has established the following funding targets to direct the distribution of a portion of the funds (CWC §83002.(a)(2)).

- 1) \$100 million for projects that address immediate public health and safety needs and strengthen existing flood control facilities to address seismic safety issues.
- 2) \$20 million for local agencies to meet immediate water quality needs related to combined municipal sewer and stormwater systems to prevent sewage discharge to State waters.
- 3) \$20 million for urban stream SWFM projects to reduce the frequency and impacts of flooding in watersheds that drain to the San Francisco Bay.
- 4) Not less than \$15 million will be allocated for grants consistent with a Stormwater Resources Plan developed pursuant to Part 2.3 (commencing with Section 10560) of Division 6 of the CWC; or, an IRWM Plan that includes the Stormwater Resources Plan requirements specified in CWC Section 10562

Placer County Flood Control and Water Conservation District (the District) requested that RMC provide a scope of work and fee estimate to assist the District, Placer County Water Agency (PCWA), the City of Sacramento (City) and the Sacramento Area Flood Control Agency (SAFCA) in preparing a Prop 1E Stormwater Flood Management Grant Application for its Antelope Creek Water Efficiency and Flood Control Improvement Project, Placer County Water Agency's Clover Valley Reservoir Project, the City of Sacramento's Combined Sewer System Improvements Project and SAFCA's Florin and Unionhouse Creeks Detention Storage Project (Projects).

The Antelope Creek Water Efficiency and Flood Control Improvement Project is being proposed through collaboration between the PCWA and the District. This is a multi-objective water efficiency and regional flood control improvement project proposed within the Dry Creek Watershed area of the American River Basin. The project will meet multiple planning objectives

by improving water supply and water quality, increasing flood protection, restoring local ecosystems and expanding an existing public recreation corridor. The Clover Valley Reservoir regulates deliveries to agricultural customers from the Antelope Canal, but it has become silted over time and the capacity is severely impaired. The Clover Valley Reservoir Project consists of a proposed bypass pipeline that will have the ability to bypass the reservoir and deliver water to downstream raw water customers, and a new pipeline diversion structure. The reservoir will also be dredged to remove sediment material as part of the project. The City of Sacramento's Combined Sewer System Improvements Project will modify the City's combined sewer system to prevent releases of combined sewage and stormwater during large storm events. SAFCA's Florin and Unionhouse Creeks Detention Storage Project addresses regional flooding in the City of Sacramento and unincorporated Sacramento County due to runoff in the Florin Creek and Unionhouse Creek watersheds.

These projects have been in steady development by the agencies for a number of years. Many studies have been completed to support the projects including the *Canal and Reservoir Feasibility Study Report*, the *2010 Update to Dry Creek Watershed Flood Control Plan Draft*, and the *Antelope Creek Water Efficiency and Flood Control Project Flood Damage Reduction Analysis*. In addition, a portion of the Antelope Creek Water Efficiency and Flood Control Project was previously submitted as part the American River Basin IRWM Region's Proposition 84 implementation grant application.

For this first round of the Proposition 1E SWFM grants, we anticipate that DWR will receive a number of highly competitive applications. Key aspects of this grant program that will likely make it even more competitive than past Proposition 50 and 84 grant solicitations are:

- Applications can be submitted by any agency, not by just a single region like in the IRWM program. As such, we expect that from every one of the 46 IRWM regions in the State, multiple applications will be submitted.
- The availability of potentially up to \$30 million for individual projects makes this program attractive to a number of new projects and agencies who generally haven't pursued Proposition 50 or 84 funds because of the smaller amounts of funding available.
- Many agencies have been waiting for this solicitation for 2-3 years and have projects ready to go and held their projects out of the first round of Prop 84 implementation funding specifically to target Prop 1E.

To address these critical aspects of the application, RMC has put together the following scope of work articulating our approach to preparing the application. In addition, RMC has assembled a team that (1) has worked with and are familiar with the District's project and DWR's proposal solicitation packages; and that (2) has proven successful at preparing complicated grant applications such as this one and the supporting economic analysis needed to position the District's, PCWA's, and the City's Projects as well as possible.

1.b. Scope of Work

The Prop 1E application will include four projects: the Antelope Creek Water Efficiency and Flood Control Project, the Clover Valley Reservoir Project, the Sacramento Combined Sewer Improvements Project and SAFCA's Florin and Unionhouse Creeks Detention Storage Project. For the SAFCA project to be included in this grant application, a letter from the FloodSafe California and/or the California Department of Water Resources will be required stating that the location of the Florin and Unionhouse Creeks Detention Storage Project is not part of the State Plan of Flood Control and that the project is eligible for funding under this grant under the requirements of Prop 1E. This scope of work describes the work items to be performed by RMC for preparation of the Proposition 1E Stormwater Flood Management Grant Application, including the attachments outlined in Table 1. Throughout the preparation of the Prop 1E SWFM grant application, RMC will leverage as much of the information as possible from the previous Prop 84 grant applications. That said, updates and new information will be necessary for some of the application attachments and we note what information we anticipate we will need for each attachment in Table 1.

Task 1: Prepare and Submit Grant Application

RMC will coordinate with PCWA, the District, the City and SAFCA to obtain information to complete the grant application checklist, Attachment 1 through 12 as described below.

Attachment 1. Authorization and Eligibility Requirements

- RMC will work with PCWA, the District, the City and SAFCA to develop a resolution that can be adopted by the Boards designating PCWA, the District, the City, or SAFCA as the lead agency for submitting the application and executing an agreement with the State of California for a SWFM Grant.
- RMC will coordinate with PCWA, the District, the City and SAFCA to document eligibility for a SWFM Grant.

Attachment 2. Adopted Plan and Proof of Formal Adoption

- RMC will compile proof of formal adoption for all RWMG entities and project proponent(s) adopting the IRWM Plan.

Attachment 3. Work Plan

RMC will work with PCWA, the District, the City and SAFCA to develop a draft Work Plan, including the following:

- RMC will work with PCWA, the District, the City and SAFCA to develop goals and objectives for the Projects.
- RMC will coordinate with PCWA, the District, the City and SAFCA to obtain the following information:
 - Summary description of the Projects and tasks necessary to complete them.

- Information demonstrating that the Projects are ready for implementation, and include brief discussion of the supporting studies, data and resources for the Projects, to ensure that implementation of the proposal is based on sound scientific and technical principles.
- Deliverables for the Projects.
- Description of the linkages and synergies between other projects that are critical to the success of the regional IRWM effort.
- RMC will develop a map showing the Project locations.
- RMC will review the tasks and subtasks in the draft Work Plan to ensure that they are consistent with those shown in the Budget and Schedule.
- RMC will review the Work Plan using scoring criteria listed in the PSP to ensure that each criterion is addressed, and provide feedback to PCWA, the District, the City and SAFCA if criteria are not met.

Attachment 4. Budget

RMC will work with PCWA, the District, the City and SAFCA to develop/update a detailed budget for the Projects, which at a minimum, must include the following:

- Land costs, planning and design costs, environmental compliance and documentation costs, construction costs shown by project task, or phase, and the contingency amount.
- An explanation of the rationale used to determine the contingency percentage.
- All sources of the funding match; eligible funding match amounts can include, subject to DWR approval, prior costs borne by PCWA, the District, the City and SAFCA after September 30, 2008.
- The amount of funding match applied to each task, eligible costs consists of those costs incurred after the date of the grant agreement is executed.
- Any other State funds that will not come from the Prop 84 Implementation grant.
- Tasks that are completely supported by the funding match.

RMC will develop a summary budget (roll-up) for the entire Proposal based on the format specified in the PSP. RMC will review the Budget using scoring criteria listed in the PSP to ensure that each criterion is addressed, and provide feedback to PCWA, the District, the City and SAFCA if criteria are not met.

Attachment 5. Schedule

RMC will work with PCWA, the District, the City and SAFCA to develop a tabular schedule for implementation of the Projects showing the sequence and timing, including milestones for each task in the Work Plan. At a minimum, the following tasks should be included in the schedule:

- Development of financing
- Development of environmental documentation and CEQA/NEPA compliance
- Project design and bid solicitation process
- Acquisition of rights-of-way, if required

- Identification and acquisition of all necessary permits
- Construction start and end dates including significant milestones
- Implementation of any environmental mitigation or enhancement efforts

RMC will develop a Gantt chart or horizontal bar format schedule for the Projects. RMC will review the schedule using scoring criteria listed in the PSP to ensure that each criterion is addressed, and provide feedback to PCWA, the District, the City and SAFCA if criteria are not met.

Attachment 6. Monitoring, Assessment and Performance Measures

RMC will work with PCWA, the District, the City and SAFCA to develop a description of the performance measures that will be used to quantify and verify project performance. The description will include the following:

- Discussion of the monitoring system to be used to verify Project performance with respect to the Project benefits or objectives identified.
- Indication of where the data will be collected and the types of analyses used.
- Discussion of how monitoring data will be used to measure the performance in meeting the overall goals and objectives of the IRWM Plan.

RMC will work with PCWA, the District, the City and SAFCA to develop a Project Performance Measures Table for the Projects. The Project Performance Measures Table should include the following items for each project:

- Project goals
- Desired outcomes
- Output indicators – measures to effectively track output
- Outcome indicators – measures to evaluate change that is a direct result of the work
- Measurement tools and methods
- Targets – measurable targets that are feasible to meet during the life of the Proposal

RMC will review the Monitoring, Assessment and Performance Measures using scoring criteria listed in the PSP to ensure that each criterion is addressed, and provide feedback to PCWA, the District, the City and SAFCA if criteria are not met.

Attachment 7. Economic Analysis: Flood Damage Reduction Costs & Benefits, Attachment 8. Economic Analysis: Water Supply Costs & Benefits, Attachment 9. Water Quality and Other Expected Benefits, and Attachment 10. Costs & Benefits Summary

RMC will utilize the previously prepared Flood Damage Reduction Costs and Benefits analysis (as prepared for the Prop 84 Implementation Grant Application or provided by PCWA, the District, the City or SAFCA) for fulfilling the requirements of Attachment 7. RMC will also coordinate with economic subconsultants, as needed, to prepare the economic analysis for water supply, water quality and other expected benefits from the projects.

Attachment 11. Program Preferences Discussion

RMC will develop a discussion on how the Projects assist in meeting the Program Preferences, identify the specific Program Preference(s) that the Projects will meet, the certainty that the Projects will meet them, and the breadth and magnitude to which they will be met.

Attachment 12. AB 1420 and Water Meter Compliance Information

RMC will coordinate with PCWA, the District, the City and SAFCA to obtain the following information for compilation into the application package:

- AB 1420 self certification documentation
- Water Meter compliance self certification form.

Attachment 13. Stormwater Resources Plan (Optional)

RMC will coordinate with PCWA, the District, the City and SAFCA to obtain previous studies to determine if a functionally equivalent Stormwater Resources Plan can be developed pursuant to Part 2.3 (commencing with Section 10560) of Division 6 of the California Water Code. RMC will discuss with PCWA, the District, the City and SAFCA if it appears feasible to develop a functionally equivalent Stormwater Resources Plan. If it appears feasible, PCWA, the District, the City and SAFCA will notify RMC to develop the functionally equivalent Stormwater Resources Plan.

Review, Production and Submittal

RMC will consolidate revised drafts for Attachments 1 through 12 into a draft application package for review by PCWA, the District, the City and SAFCA. RMC will incorporate final comments on the draft Application Package and prepare the Final Application Package for submittal by April 12, 2011. RMC will prepare an electronic submittal of the application through DWR's online BMS system. RMC will publish four (4) hard copies (double-sided) of the application and attachments and submit the hard copies to DWR by overnight courier plus four additional hard copies for PCWA, the District, the City and SAFCA.

Task 1 Deliverables:

- Draft Application Package containing all attachments for review by PCWA, the District, the City and SAFCA.
- Electronic Final Application Package containing all attachments for submission to DWR via BMS.
- Four (4) hardcopies of the Final Application Package for submittal to DWR.
- Four (4) hardcopies of the Final Application Package for PCWA, the District, the City and SAFCA.

Task 2: Project Management

RMC will conduct two conference calls with PCWA, the District, the City and SAFCA to review application documents.

- Conference Call #1: Review draft Work Plan, Budget, Schedule, Monitoring, Assessment and Performance Measures and solicit comments
- Conference Call #2: Review draft Economic Analyses and solicit comments

RMC will coordinate communication with DWR staff, on behalf of PCWA, the District, the City and SAFCA, to solicit input from DWR on the application, and to field questions to DWR, if necessary.

RMC will develop and maintain a work schedule for the grant application process. The work schedule will list tasks, deadlines, status, and responsible party.

Task 2 Deliverables:

- Meeting agenda and minutes
- Work schedule
- Monthly invoicing and progress reporting

Table 1
Proposition 1E SWFM Grant Application Attachments

Attachment #	Attachment Title	Attachment Work
Attachment 1	Authorization and Eligibility Requirements	Applicant should supply information.
Attachment 2	Adopted Plan and Proof of Formal Adoption	RMC already has proof of formal adoption of ARB IRWM Plan.
Attachment 3	Work Plan	RMC has basic information about the Antelope Creek Water Efficiency and Flood Control Project; however will need to verify/update all submittals & dates, as well as verify information (i.e. description of project) presented in Prop 84 Implementation Grant Applications is still accurate. Will need additional, more detailed information about the Clover Valley Reservoir Project, the Combined Sewer System Improvements Project, and the Florin and Unionhouse Creeks Detention Storage Project
Attachment 4	Budget	Will need detailed budget information for each of the tasks included in the Clover Valley Reservoir Project, Combined Sewer System Improvements Project, and Florin and Unionhouse Creeks Detention Storage Project; need to verify with applicant if project budget is still the same as Prop 84 Implementation Grant Application for the Antelope Creek Water Efficiency and Flood Control Project.
Attachment 5	Schedule	Will need to verify/update all project dates since Prop 84 Implementation Grant Application and obtain detailed schedule from PCWA for the Clover Valley Reservoir Project, from the City for the Combined Sewer System Improvements Project, and from SAFCA for its Florin and Unionhouse Creeks Detention Storage Project.
Attachment 6	Monitoring, Assessment, and Performance Measures	Will need to verify/update information (most of this information from Prop 84 Implementation Grant Application can be utilized); additional measures will be developed for the Clover Valley Reservoir Project, the Combined Sewer System Improvements Project and SAFCA's Florin and Unionhouse Creeks Detention Storage Project.
Attachment 7	Economic Analysis-Flood Damage Reduction Costs and Benefits	The flood damage analysis prepared for the Prop 84 Implementation Grant Application for

Attachment #	Attachment Title	Attachment Work
		the Antelope Creek Water Efficiency and Flood Control Project will be reused for this application. SAFCA Will prepare a flood damage analysis for its Florin and Unionhouse Creeks Detention Storage Project.
Attachment 8	Economic Analysis- Water Supply Costs and Benefits	Will need to verify/update information and data for the Antelope Creek Water Efficiency and Flood Control Project; only a qualitative economic analysis for water supply benefits has been completed. An analysis of water supply benefits from the Clover Valley Reservoir Project, the Combined Sewer System Improvements Project and the Florin and Unionhouse Creeks Detention Storage Project will be prepared, as appropriate.
Attachment 9	Water Quality and Other Expected Benefits	Will need to verify/update information and data for the Antelope Creek Water Efficiency and Flood Control Project; only a qualitative economic analysis for water quality and other expected benefits will be completed. An analysis of water quality and other benefits expected from the Clover Valley Reservoir Project, the Combined Sewer System Improvements Project and the Florin and Unionhouse Creeks Detention Storage Project will be prepared, as appropriate.
Attachment 10	Costs and Benefits Summary	Will need to be completed based on updates to Attachments 7-9.
Attachment 11	Program Preferences	Will need to verify/update information to include related preferences for the Clover Valley Reservoir Project, the Combined Sewer System Improvements Project and the Florin and Unionhouse Creeks Detention Storage Project; however most of the required information from Prop 84 Implementation Grant Application can be utilized.
Attachment 12	AB1420 and Water Meter Compliance Information	Applicant will need to complete and submit forms.
Attachment 13 (optional)	Stormwater Resources Plan	Attachment required only if applicant has a Stormwater Resources Plan or if determined that development of a functionally equivalent Plan is feasible with existing documents.

2. COST PROPOSAL BREAKDOWN AND PROJECT SCHEDULE

RMC's proposed schedule for completing the Prop 1E SWFM grant application is outlined in Table 2 below.

**Table 2
Proposed Application Development Schedule**

Dates	Proposed Activities
Feb 28 – March 11	Project kickoff Collect/compile necessary data and information Provide instructions to PCWA and the District on necessary authorizations and resolutions
Feb 28 – Mar 25	Prepare draft attachments
Apr 1 - 12	Review, finalize and submit application (due April 15, 2011)

The overall budget for this task order is \$97,910 for the preparation of a grant application for four projects and \$102,405 with the optional task. Specific budget details are provided in Table 3 on the following page.



Fee Estimate

Placer County Flood Control and Water Conservation District Prop 1E Implementation Grant Application PCFCD, PCWD, City of Sacramento and SAFCA Projects

Tasks	Labor				Total Hours	Total Labor Costs (1)	Economist	Subtotal	Sub-Consultant Total Cost (2)	ODCs		Total
	PIC	PM	PE	Graphics and Support Team						ODCs	Total ODCs (3)	
Task 1: Prepare and Submit Grant Application												
Attachment 1 - Authorization & Eligibility Requirements			4		4	\$700		\$0	\$0	\$0	\$700	
Attachment 2 - Proof of Formal Adoption			4		4	\$700		\$0	\$0	\$0	\$700	
Attachment 3 - Work Plan	18		61		77	\$13,865		\$0	\$0	\$0	\$13,865	
Attachment 4 - Budget	16		32		48	\$8,580		\$0	\$0	\$0	\$8,580	
Attachment 5 - Schedule	8		22		30	\$5,480		\$0	\$0	\$0	\$5,480	
Attachment 6 - Monitoring, Assessment and Performance Measures	4		20		24	\$4,320		\$0	\$0	\$0	\$4,320	
Attachment 7 - Eson Flood Damage Reduction Costs & Benefits	10		20		30	\$5,550		\$0	\$0	\$0	\$5,550	
Attachment 8 - Eson Water Supply Costs & Benefits	24		48		72	\$13,320		\$0	\$0	\$0	\$13,320	
Attachment 9 - Water Quality and Other Expected Benefits	10		20		30	\$5,550	\$4,000	\$4,000	\$4,400	\$0	\$9,950	
Attachment 10 - Costs & Benefits Summary	3		7		10	\$1,840	\$0	\$0	\$0	\$0	\$1,840	
Attachment 11 - Program Preferences	9		20		28	\$5,345	\$0	\$0	\$0	\$0	\$5,345	
Attachment 12 - AB1420 & Water Meter Compliance Info Review, Production and Submittal	12		4		4	\$700	\$0	\$0	\$0	\$0	\$700	
Subtotal Task 1:	12	119	307	15	478	\$85,190	\$4,000	\$4,000	\$4,400	\$250	\$89,865	
Task 2: Project Management												
Project Management and QA/QC	5	15	15	10	45	\$7,825	\$0	\$0	\$0	\$200	\$8,045	
Subtotal Task 2:	5	15	15	10	45	\$7,825	\$0	\$0	\$0	\$200	\$8,045	
TOTAL	49	256	629	30	524	\$97,665	\$8,000	\$8,000	\$8,800	\$700	\$117,165	
Optional Task - Stormwater Resource Plan												
Determination of Feasibility for Functionally Equivalent Plan	0	1	5	0	6	\$1,080	\$0	\$0	\$0	\$0	\$1,080	
Drain Functionally Equivalent Plan	3	16	16	0	19	\$3,415	\$0	\$0	\$0	\$0	\$3,415	
Subtotal Optional Task:	3	17	21	0	19	\$4,495	\$0	\$0	\$0	\$0	\$4,495	
TOTAL with Optional Task:	52	273	650	30	543	\$102,160	\$8,000	\$8,000	\$8,800	\$700	\$120,660	

- The individual hourly rates include salary, overhead and profit.
- Subconsultants will be billed at actual cost plus 10%.
- Other direct costs (ODCs) such as reproduction, delivery, mileage (rates will be those allowed by current IRC guideline), and travel expenses, will be billed at actual cost plus 10%.
- Assumes projects include PCFCD weir project, PCWA Clover Valley Reservoir Project, City of Sacramento Combined Sewer System Improvements Project and SAFCA Florin and Unionhouse Creeks Detention Storage Project



Exhibit 2

Placer County Flood Control and Water Conservation District Prop 1E Implementation Grant Application PCFCD, PCWD, City of Sacramento and SAFCA Projects

Tasks	DISTRIBUTION		
	PCFCD	POWA	SAFCA
Task 1: Prepare and Submit Grant Application			
Attachment 1 - Authorization & Eligibility Requirements	\$ 175.00	\$ 175.00	\$ 175.00
Attachment 2 - Proof of Formal Adoption	\$ 175.00	\$ 175.00	\$ 175.00
Attachment 3 - Work Plan	\$ 1,974.00	\$ 3,948.00	\$ 4,085.00
Attachment 4 - Budget	\$ 1,274.00	\$ 2,548.00	\$ 2,510.00
Attachment 5 - Schedule	\$ 777.00	\$ 1,554.00	\$ 1,605.00
Attachment 6 - Monitoring, Assessment, and Performance Measures	\$ 613.00	\$ 1,226.00	\$ 1,255.00
Attachment 7 - Econ Flood Damage Reduction Costs & Benefits	\$ 2,220.00	\$ -	\$ 3,330.00
Attachment 8 - Econ Water Supply Costs & Benefits	\$ -	\$ 4,440.00	\$ 4,440.00
Attachment 9 - Water Quality and Other Expected Benefits	\$ 2,453.33	\$ 2,453.33	\$ 2,590.00
Attachment 10 - Costs & Benefits Summary	\$ 428.33	\$ 428.33	\$ 555.00
Attachment 11 - Program Preferences	\$ 777.00	\$ 1,554.00	\$ 1,460.00
Attachment 12 - AB1420 & Water Meter Compliance Info	\$ 175.00	\$ 175.00	\$ 175.00
Review, Production and Submittal	\$ 4,783.33	\$ 4,783.33	\$ 4,765.00
Subtotal Task 1:			
Task 2: Project Management			
Project Management and QA/QC	\$ 2,023.33	\$ 2,023.33	\$ 1,975.00
Subtotal Task 2:			
TOTAL	\$17,848.33	\$25,483.33	\$29,095.00
Optional Task: Stormwater Resource Plan			
Determination of Feasibility for Functionally Equivalent Plan	\$ 270.00	\$ 270.00	\$ 270.00
Draft Functionally Equivalent Plan	\$ 853.75	\$ 853.75	\$ 853.75
Subtotal Optional Task:			
TOTAL with Optional Task	\$18,972.08	\$26,607.08	\$30,216.75