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December 2, 2015

Daniel Cozad, Executive Director  
Central Valley Salinity Coalition  
360 Lakeside Avenue  
Redlands, CA 92373

Subject: **CDM Smith Proposal to Support Completion of the Salt and Nitrate Management Plan (SNMP) for the Central Valley**

Dear Mr. Cozad:

Thank you for the opportunity to submit this proposal to Central Valley Alternatives for Long Term Sustainability (CV-SALTS) to provide support for preparation of a Final SNMP for submittal to the Central Valley Regional Water Quality Control Board (Central Valley Water Board). Currently, CV-SALTS is developing elements of the SNMP through separate activities, including development of (a) technical elements of the SNMP through Task 5 of the Phase 2 Conceptual Model Project; (b) implementation measures for future salt and nitrate management through the Strategic Salt Accumulation and Land Transportation Study (SSSALTS) and Nitrate Implementation Measures Study (NIMS) projects, respectively; and (c) Central Valley policies through the work of the CV-SALTS Executive Committee and translation of that work into specific policies for inclusion into the SNMP. In addition to these ongoing activities, CV-SALTS will soon initiate three projects to prepare required SNMP supporting documentation: (a) antidegradation analysis; (b) economic analysis; and (c) the California Environmental Quality Checklist (CEQA) and Supplemental Environmental Document (SED). The deliverables from the completion of these ongoing and planned projects constitute all the elements planned for inclusion in the Final SNMP.

The purpose of the work proposed by this proposal is to bring together the separate but related deliverables described above into a complete, coherent SNMP ready for submittal to the Central Valley Water Board. This effort will be completed through execution of the scope of work described below.

## **Scope of Work**

### **Task 1 – Coordinate Development of Final SNMP**

The purpose of this task is to work with Central Valley Water Board staff (and small workgroup if desired by CV-SALTS) on the final organization and content of the SNMP. This activity includes, at a minimum, making final decisions regarding the table of contents, attachments to be incorporated, and document format requirements (text, figures, tables, etc.). To complete this task, CDM Smith will set up and participate in a planning meeting with Central Valley Water Board staff (and small workgroup if desired by CV-SALTS).

Deliverables: Meeting notes that document decisions made during planning meeting.



## **Task 2 Finalize Technical Documentation**

CDM Smith will work with its staff and other contractors that have delivered technical work to CV-SALTS to prepare final documentation for inclusion in the SNMP. This effort will rely on the use of previously submitted deliverables (e.g., technical sections of the SNMP currently under development by the Larry Walker Associates (LWA) team) as the basis for preparing a final SNMP. Where it is deemed necessary to have a figure or table revised that requires additional work by the LWA team, CDM Smith will contract with LWA or its team member to obtain support. The budget for this scope of work reflects this approach.

Deliverables: Final technical documentation for incorporation into the final SNMP, including final tables and figures, as needed, from previously completed technical deliverables.

## **Task 3 – Prepare Final SNMP**

The Final SNMP will incorporate the following materials:

- Technical sections of the SNMP (currently in preparation by LWA team);
- Implementation section of the SNMP (policies and implementation measures currently being drafted by CDM Smith);
- Revisions to technical materials completed under Task 2 above; and
- SNMP supporting documentation – CEQA Checklist and SED, and economics and antidegradation analyses prepared to support the SNMP.

This task will include (a) bringing together the various materials described in the above bullets into a common format/style (as discussed in Task 1); (b) conducting a careful edit of the entire SNMP to ensure consistency throughout; (c) preparing additional introductory or transitional text where deemed necessary to improve clarity or document flow; (d) creating cross references within the SNMP where needed to improve clarity; and (e) incorporating the final work products from the CEQA, economics and antidegradation analyses (assumed to be attachments to the SNMP).

CDM Smith will prepare a Final Draft SNMP for CV-SALTS review and comment and a Final SNMP based on comments received on the Final Draft. The budget assumes that comments received on the Final Draft will not be significant given that all the material included in the SNMP (as described above in the bullets) will have previously been reviewed through other means (e.g., during completion of the deliverables that produced the materials).

Deliverables: (a) Final Draft SNMP; and (b) Final SNMP

## **Task 4 – Support Preparation of SNMP Administrative Record**

CDM Smith will provide support to Central Valley Water Board staff to finalize the administrative record to support the Final SNMP. This support may include various activities, e.g., tracking down documents or references relevant to contractor-completed deliverables, making sure all documents referenced in the SNMP are included in the administrative record, etc.

Deliverables: Provide requested, as needed, support to complete the administrative record for the Final SNMP.

### **Task 5 – Provide Additional SNMP Support (as authorized and funded)**

This task serves as a placeholder for the execution of additional work that may be deemed necessary by CV-SALTS to prepare the Final SNMP. No scope of work or budget is proposed at this time. If additional work is requested, CDM Smith will prepare a scope of work and cost estimate for CV-SALTS approval.

### **Cost Estimate**

This work is proposed to be completed under CDM Smith's existing contract to provide Technical Management Services to CV-SALTS. Table 1 provides an estimate of the costs to complete Tasks 1-4, as described above. The total project estimate is \$104,997. Four trips to Sacramento by Richard Meyerhoff are included in the budget: one trip under Task 1 and three trips under Task 3. Task 5 is shown as unfunded at this time; a separate cost proposal for authorization 1 will be prepared if work is requested under this task. Costs are based on Richard Meyerhoff completing the majority of the work described above with assistance of other contractors as deemed necessary under Task 2.

### **Schedule**

It is anticipated that this scope of work will not be implemented until all ongoing technical work is complete or mostly complete since that work provides the base material from which the Final SNMP will be prepared. Accordingly, CDM Smith will not begin execution of this scope of work, which begins with the Task 1 coordination meeting, until authorized by Central Valley Water Board staff (and agreement by the CV-SALTS Executive Committee).

At this time, CDM Smith anticipates all ongoing technical projects will be complete or be mostly complete by end of winter 2016 and that authorization to implement this scope of work could occur shortly thereafter. It is expected that project work to complete the CEQA, economics and antidegradation analyses will be underway while this scope of work is being executed. The deliverables from these projects (which will be required to be formatted as decided per decisions made in Task 1) are expected to be attachments to the Final SNMP and require minimal effort to incorporate.

### **Closing**

Thank you again for the opportunity to provide this scope of work and cost estimate. Should you have any questions, please contact me via email at [meyerhoffrd@cdmsmith.com](mailto:meyerhoffrd@cdmsmith.com) or by telephone at 303-345-3083.

Very truly yours,

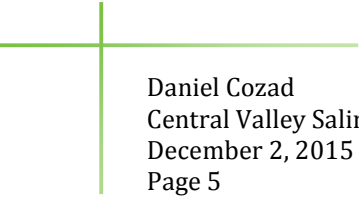


Richard Meyerhoff, Ph.D.  
Vice President  
CDM Smith Inc.

**Table 1. Cost Estimate to Complete Proposed Scope of Work**

Task	Subtasks	Hours	Estimated Costs	Comments
Task 1 – Coordinate Development of Final SNMP	N/A	12	\$4,000	Includes one trip to Sacramento by Richard Meyerhoff
Task 2 – Finalize Technical Documentation	N/A	100 <sup>1</sup>	\$19,400 <sup>1</sup>	Half of hours and budget is set aside for requesting work from other contractors, e.g., associated with the LWA Team
Task 3 – Prepare Final SNMP	Final Draft SNMP	200	\$48,600	Includes two trips to Sacramento by Richard Meyerhoff
	Final SNMP	80	\$23,000	Includes one trip to Sacramento by Richard Meyerhoff
Task 4 – Support Preparation of SNMP Administrative Record	N/A	40	\$9,997	
Task 5 – Provide Additional SNMP Support (as authorized)	N/A	0	\$0	Separate scope of work and budget will be develop if additional work requested
<b>Totals</b>		<b>432</b>	<b>\$104,997</b>	

<sup>1</sup> Approximately half of the hours and budget is allocated for subcontractors associated with the LWA Team to make revisions to selected tables or figures from existing technical reports.



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