

Monthly Progress Report

Riverside County Renewable Energy Planning Program



Wind energy systems in San Geronio Pass, Riverside, California.

Commission Agreement #: REN-13-002
Monthly Progress Report #: 02 (final)
Attached to Invoice #: 01 (July 21* - August 31, 2014)
Period Covered: August 1 – 31, 2014
** Note: Invoice #01 encompasses timeframe of Progress Reports #1 and #2.*
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Executive Summary

For the month of August 2014, County of Riverside eRED project activities consisted of continued kick-off activities (internal meetings with technical GIS, engineering and accounting staff). The particular focus was on completing the Request for Qualifications (RFQ) needed to solicit an engineering firm to perform Salton Sea utility analyses (as part of Task 4). An initial project announcement was added to the County Planning Department's website. The project website is still under construction. Several meetings with outside entities were held or attended, including with National Renewable Energy Laboratory staff studying renewable energy potential in the Salton Sea region. See details below. Lastly, the first County invoice, covering expenses incurred from grant inception (July 21, 2014) through the end of August, was prepared to accompany this progress report. However, due to technical difficulties, it is not being submitted at this time. Instead, this period's charges will be rolled into the next invoice prepared.

Work Statement

This section briefly addresses the status of the project's approved tasks in the Work Statement. Discussion is split into three sections focusing on completed activities, ongoing activities and, lastly, activities with no new progress to report. Each subtask item includes a report on its status, including discussion of any products due and whether or not the project is progressing according to schedule. Where applicable the discussion also covers any problems encountered, proposed changes contemplated and anticipated results for the upcoming quarter.

Agreement Activities Completed This Month

No specific tasks or subtasks were completed in August 2014. All activities and work products produced in August were part of on-going efforts and are described in the subsequent section.

Status of Ongoing Agreement Activities

The tasks listed below are ongoing and have had activity performed as indicated. Unless noted otherwise, each of these tasks will be reported on further in subsequent progress reports. Ongoing items will remain in this section unless concluded or there has been no activity during the reporting period. In such cases, the item will be discussed in the applicable other section instead.

A. Task 1.4 – Monthly Progress Report

The first progress report was submitted to the CEC pursuant to Task 1.4 on August 14, 2014, and a final hardcopy version was mailed to the CEC the following week. The second progress report is due on the tenth working day of each month as per the Agreement schedule and, thus, will be submitted to the CEC on September 15, 2014. This subtask remains on track in terms of budgeted funds and hours at this time. This item will continue to be produced monthly as per Work Statement and schedule.

B. Task 1.7 – Obtain and Execute Subcontracts

The draft subcontract (Engineering Services Agreement) for the consultant to be selected was prepared as part of the RFP package. See **Attachment E** for the draft document (contract is Exhibit B). The draft contract is under review by County Counsel attorneys. Any comments, corrections or changes submitted by the CEC in response to this report will also be incorporated into the draft contract, as warranted. The contract will be finalized once a consultant is selected. It is currently scheduled to be finalized for execution by November 15, 2014. This subtask remains on track in terms of budgeted funds and hours at this time. Further work on this item will continue as per Work Statement and schedule until the contracting process is completed.

C. Task 2.1 – Kickoff Meeting (Internal County)

A “formal” internal County kickoff meeting has not yet been held. Although originally planned for August 7, 2014, it has been delayed to September 2014 because of the late execution date of the CEC Agreement and the CEC kickoff meeting that occurred in July. There have, however, been several meetings of the County team to date; see discussion under Task 2.2, below. Although slightly behind schedule, this subtask remains on track in terms of budgeted funds and hours at this time. Once the formal meeting scheduled for this task has occurred, the results will be reported in the applicable progress report (presumably the October 2014 report).

D. Task 2.2 – Team Meetings

There have been several meetings of all or portions of the eRED team during August. These include initial meetings with Riverside County Information Technology (RCIT) staff to discuss the technological needs of the project for mapping and, in particular, creation of a custom online mapping application for County renewable energy resources. Similar meetings were also held with engineering staff from the County Transportation Department. Also, a meeting was held with County accounting staff to develop a process preparing the monthly invoices to be submitted to the CEC. This subtask remains on track in terms of budgeted funds and hours at this time. This item will continue to be ongoing as County needs arise.

E. Task 2.3 – RFP for Consultant Services

Completing the draft Request for Qualifications (RFQ) was a key focus of August’s project activities. The original project schedule called for solicitation via Request for Proposals (RFP), however in preparing the solicitation, it was determined that an RFQ was the more appropriate instrument for the process. The overall selection process remains the same, however an RFQ provides the County with more latitude in negotiating the budget for the subcontracted work. This flexibility is important since the subcontract will be funded specifically by grant Task 4 funds and subject to specific flow-down requirements from the County’s CEC Agreement (REN-13-002). We are currently on-schedule with this work effort. A draft of the RFQ has been prepared and is included in **Attachment E** herein for CEC review and comment. As presently scheduled, the RFQ is planned to be released to the public (via County website and newspaper publication) on September 15, 2014, and undergo a thirty day solicitation period with all Statements of Qualifications (SOQs) due to the County by 4:00 pm, Monday, October 13, 2014. This item will continue to be ongoing as the County prepares the proposed RFP. This subtask remains on track in terms of budgeted funds and hours at this time.

F. Task 3.1 – Assemble Existing eRED Data

This task has been initiated in association with the research and preparation the Project Manager (Cindy A. Thielman-Braun) has performed in developing the initial project presentations (for example, for the IEPR panel, etc.). The eRED team has also begun researching and studying existing eRED data and

related technological information providing background on the issues the County is facing. This subtask remains on track in terms of budgeted funds and hours at this time. This item will be ongoing as County work effort continues with no specific work product expected in the next three months (first work product expected in January 2015).

G. Task 4.1 – Assemble Information/Data for Salton Sea eRED Study Region

Akin to the work initiated for countywide eRED conditions, this subtask has also been initiated in association with the research and preparation the Project Manager has performed in developing the initial project presentations. Similarly, the eRED team has also begun researching and studying existing eRED data and related technological information providing background on the issues the County is facing in the Salton Sea region. This subtask remains on track in terms of budgeted funds and hours at this time. This item will be on-going as County work effort continues with no specific work product expected in the next three months.

H. Task 4.4 – Outreach and Coordination with Salton Sea Authority

On August 11, 2014, an initial meeting was held with the General Manager of the Salton Sea Authority, Roger Shintaku) and staff from NREL (National Renewable Energy Laboratory). The purpose of the meeting was to make introductions and discuss common goals and the possibility of data sharing, where feasible. See **Attachment A** for meeting notes. (There was no agenda for the meeting.) This task will be ongoing as project needs dictate. No specific work product expected in the next three months, although meeting agendas will continue to be forwarded for any meetings that do occur. This subtask remains on track in terms of budgeted funds and hours at this time.

I. Task 4.5 – Technical Coordination with Utilities and Other Agencies in Salton Sea Region

On August 14, 2014, Project Manager, Cindy Thielman-Braun, attended the public Scoping Session held by the County of Imperial for the EIR proposed for the General Plan Amendment to their Geothermal / Renewable Energy Element undertaken pursuant to their CEC grant. Hearing the opinions of the various members of the public was enlightening and the meeting provided an excellent opportunity to meet the various Imperial County project members. A complete discussion of topics covered and attendees is provided in the meeting notes. See **Attachment B**. Although the trip to El Centro, California, for the meeting involved an eight-hour round-trip drive, the PM used the opportunity to circumnavigate the perimeter of the Salton Sea. The visit provided helpful for the chance to personally inspect the planning areas to be studied for renewable energy and to take photographs of the region as well. This task will be ongoing as project needs dictate. No specific work product expected in the next three months, although meeting agendas will continue to be forwarded for any meetings that do occur. This subtask remains on track in terms of budgeted funds and hours at this time.

J. Task 7.1 – Develop and Publish Project Webpage

Project Manager has initiated discussions with Riverside County Information Technology (RCIT) on the design of the project website and its technical needs. The initial webpage is currently under preparation by RCIT. An initial informational item has been added to the “What’s New” section of the existing County Planning Department webpage. A screenshot of the page is shown in **Attachment C** (or see the following URL: <http://planning.rctlma.org/Home/WhatsNew.aspx>). The County expects the project homepage to be launched in early September 2014. Final project page URL and associated work product will be included in next month’s progress report. This subtask remains on track in terms of budgeted funds and hours at this time.

K. Task 7.2 – Public Agency and Stakeholder Coordination and Other Outreach Meetings

In addition to the other meetings already addressed above, the Project Manager also participated in a CEC IEPER Lead Commissioner Workshop on “Integrating Environmental Information in Renewable Energy Planning Processes,” as part of a panel of counties on August 5, 2014. See “Panel 3” on agenda, **Attachment D**. This activity is not specifically associated with scheduled project activities. However, the exposure has already yielded important contacts with various private parties considering potentially citing new renewable energy development in Riverside County. It has also helped foster dialog with neighboring counties with CEC grants, particularly discussions relating to DRECP consistency issues. It was also very informative in terms of learning about the various sources of data and information available at the State level online, particularly via the DataBasin for the DRECP. This subtask remains on track in terms of budgeted funds and hours at this time.

Tasks Not Yet Begun or With No Notable Changes

For the report period of this progress report, no new work has been undertaken on the tasks listed below. In every case, unless noted otherwise, these tasks are those for which requisite prior actions are not yet complete. None of these tasks have any specific work product anticipated in the next three months (unless noted otherwise). Agendas and notes will continue to be forwarded for any meetings that do occur.

- A. Task 1.2 – Critical Project Review (CPR) Meetings**
- B. Task 1.3 – Final Meeting**
- C. Task 1.5 – Final Report**
- D. Task 3.2 – Develop eRED Opportunities and Constraints Criteria** (See related Task 3.1 update. To be completed by January 2015; see Schedule.)
- E. Task 3.3 – Identify Areas Suitable for Additional eRED Study**
- F. Task 4.2 – Analyze Salton Sea eRED Opportunities and Constraints**
- G. Task 4.3 – Develop Salton Sea eRED Study Region Policies and Plans**
- H. Task 5.1 – Revise General Plan: Eastern Coachella Valley Area Plan**
- I. Task 5.2 – Revise General Plan: Multipurpose Open Space Element**
- J. Task 5.3 – Revise General Plan: Rest of Document**

- K. **Task 5.4 – Prepare General Plan Documents for Processing**
- L. **Task 6.1 – CEQA Initial Study** (Draft document due to CEC in October 2014)
- M. **Task 6.2 – Prepare Environmental Review Document**
- N. **Task 6.3 – CEQA Consultations**
- O. **Task 6.4 – Prepare Final CEQA Documents for Processing**
- P. **Task 8.1 – General Plan Amendment Initiation Process (GPIP) Processing**
- Q. **Task 8.2 – Planning Commission Processing**
- R. **Task 8.3 – Board of Supervisors Processing**
- S. **Task 8.4 – Final Documents (Post-Adoption Actions, if Applicable)**

Completed Tasks With No Further Changes

The tasks below have been completed and were addressed under prior progress reports, as indicated. No further actions are planned or anticipated for these tasks.

- A. **Task 1.1 – CEC Kickoff Meeting** (Completed July 22, 2014; see Progress Report #01.)
- B. **Task 1.6 – Required Permit Information** (Completed July 31, 2014; see Progress Report #01.)

Work Product / Deliverables

Products are “any tangible item specified in the Work Statement.” As per the conditions of REN-13-002 Exhibit C, item 5 (“Products”), “Unless otherwise directed, draft copies of all products identified in the Work Statement shall be submitted to the Commission Agreement Manager for review and comment. The Recipient will submit an original and two copies of the final version of all products to the Commission Agreement Manager.” Thus, in accordance with this directive, the following work products are submitted for this reporting period.

- A. **Attachment A:** Meeting notes, dated August 11, 2014, for introductory meeting with Salton Sea Authority GM and NREL staff. (Task 4.4)
- B. **Attachment B:** Meeting notes, dated August 14, 2014, for public Scoping Session held by Imperial County. (Task 4.5)
- C. **Attachment C:** Screenshot of Riverside County Planning Department webpage, “What’s New” section (URL <http://planning.rctlma.org/Home/WhatsNew.aspx>), dated Aug. 28, 2014. (Task 7.1)
- D. **Attachment D:** Agenda, dated August 5, 2014, for IEPER Lead Commissioner Workshop, “Integrating Environmental Information in Renewable Energy Planning Process,” participant in County Panel. (Task 7.2)
- E. **Attachment E:** Draft Request for Qualifications (RFQ), dated August 28, 2014. (Task 2.3) *(attached last due to large size of document)*

Financial Status

This section presents a brief narrative addressing costs incurred to-date in relation to the approved Budget. Also includes a discussion as to whether or not the project is progressing within the approved Budget, as well as identification of any proposed changes or adjustments being that may be considered.

The first County invoice (Invoice #01) encompassing the first two months of project charges (from grant authorization on July 21, 2014, through the end of August -- August 31, 2014) was prepared to accompany this report. However, due to unforeseen technical difficulties, it has been withheld temporarily. (Once corrected, the charges for this first period will be rolled into the new invoice prepared.) Future invoices will continue to report on a monthly basis and coincide with the progress report timeframes. In total, the original charges reported for Invoice #01 encompassed approximately 90 hours and approximately \$19,000. This includes roughly \$16,700 towards Task 1 (including travel expenses for the kickoff meeting with the CEC in Sacramento) and \$2,200 towards Task 2. Not all staff hours for this period have been posted or invoiced yet, however. And, as noted above, additional charges are expected to be reported and included in the revised invoice under preparation (and expected to be submitted October accompanying the September 2014 Progress Report.)

In terms of staffing and billing rates, the discrepancy noted in the prior progress report has been reported to the CEC and corrected as appropriate. Similarly, staffing substitutions (of none “key team members”) has also been accomplished as per last month’s reporting (i.e., Attachment C of Progress Report #01, dated August 14, 2014).

In regards to the rest of the project, at present there are no issues outstanding (in either the Work Statement or the Budget) that might necessitate amendment of the Agreement. No budget changes or alterations are requested at this time. Should an issue arise with the potential to lead to an amendment request, the County will contact the CEC immediately. At this time no other such issues are foreseen or anticipated.

Additional Information

The following items address any information in the Work Statement or Special Conditions not already covered in one of the above sections. Ministerial types of project information are also addressed, as well as the outlook for any significant future changes (i.e., amendments) or discussion of any problems not already addressed elsewhere.

Amendments

Item 8 (“Amendments”) of Exhibit C, Terms and Conditions of Non-Federally Funded Grants, of the Agreement notes that, “Changes to the Work Statement, changes to specific line items in the budget, or both, may be made under certain conditions.” At present, there are no issues outstanding (neither in

the Work Statement nor Budget) that would necessitate the proposal of an amendment to the Agreement other than, potentially, whatever changes may be necessary to correct the oversight of the RCIT staff, as discussed above. Should any other issue arise with the potential to lead to an amendment request, the County will contact the CEC immediately. At this time, however, no such issues are foreseen or anticipated beyond the issue noted.

Legal Notice

No product or report produced as a result of work funded by this program shall be represented to be endorsed by the California Energy Commission and all such products or reports shall include the following statement:

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Attachment A:

Meeting Notes for Meeting with Salton Sea Authority & NREL Staff, Aug. 11, 2014

Meeting Notes

Riverside County Renewable Energy Planning Program

Meeting Name:	Meeting with NREL and Salton Sea Authority
Date / Duration:	August 11, 2014, 10:00 am – 10:30 am
Location:	Riverside County Economic Development Agency (EDA) 3403 Tenth Street, Suite 525, Riverside, CA 92501
County Attendees:	Cindy A. Thielman-Braun, Riverside County Planning Dept. Larry Ross, Riverside County Planning Dept. Phil Rosentrater, Deputy Director, EDA (County liaison to SSA)
Attendees:	Roger Shintaku, General Manager, Salton Sea Authority (SSA) Brett Oakleaf, Energy Project Analyst, Nat'l Renewable Energy Laboratory (NREL) Scott Haase, Director of DOI Energy Programs, NREL
Purpose:	Introductions to Staff and Work Efforts
Topics Covered:	(1) Phil Rosentrater explained history and background of \$2M NREL project studying Salton Sea renewable energy potential. (2) Cindy Thielman-Braun outlined Salton Sea efforts proposed for CEC grant. (3) Roger Shintaku addressed the need for coordination among agencies and for centralized data repository.
Action Items / Follow-up:	1. Roger Shintaku suggested creation of a "GIS Working Group" to coordinate data collected by the various agencies and ensure GIS / tech. compatibility. 2. Will call NREL and SSA directly to discuss data sharing and related issues.

Meeting Summary

The NREL team came in to Riverside County from their Golden, Colorado, headquarters to meet with various agencies and staff with information regarding the Salton Sea project. As such, this brief meeting was held to take advantage of their local presence to establish introductions and discuss the ground work for common issues in which inter-agency coordination would be productive. The topics covered are as noted above. The main issue to arise from the meeting was the need for a definitive (if possible) protocol for data sharing, technical specifications on data to be shared, determining where such data should reside (online repository?), etc. Both NREL and SSA noted the difficulty in obtaining accurate and complete land use/ownership data from BLM. Cindy Thielman-Braun noted that the County's land ownership GIS data seemed complete, but noted she'd have to discuss the issue with County GIS. This prompted Roger Shintaku to suggest the GIS Working Group concept to advance these technical issues.

Meeting Agenda (No agenda was available for this meeting.)

Attachment B:

Meeting Notes for Imperial County Scoping Session and Meeting, August 14, 2014

Meeting Notes

Riverside County Renewable Energy Planning Program

Meeting Name:	Scoping Session, Imperial County General Plan Update - for Geothermal / Renewable Energy Element and Associated EIR
Date / Duration:	August 14, 2014, 1:30 pm – 3:00 pm
Location:	Imperial County Board of Supervisors Chambers 940 Main Street, El Centro, CA 92243
County Attendees:	Cindy A. Thielman-Braun, Riverside County Planning Dept.
Attendees:	Jim Minnick,* Interim Director, Planning & Development Service & Chair, ICEEC Members of the Imperial County Environmental Evaluation Committee (ICEEC) Richard Cabanilla,* Planner IV, Imperial County Planning & Development Service Michael Abraham,* Planning Division Manager, Imperial County Planning Service Patricia Valenzuela,* Planner IV, Imperial County Planning Service Nick Larkin,* Chambers Group (preparing GPA & EIR for Imperial County) Cliff Parli,* Geothermal District Engineer, California Dept. of Conserv., DOGGR Members of the public and interested parties (audience)
Purpose:	CEQA scoping session for the above project
Topics Covered:	County presented brief overview of proposed GPA/EIR project. Public testimony was taken from audience. Ms. Thielman-Braun spoke and submitted written comments re: (1) Riverside County's CEC grant activities re Salton Sea region; (2) County's desire to coordinate efforts with Imperial County.
Action Items / Follow-up:	1. Will coordinate inter-county efforts with Jim Minnick of Imperial County. 2. Jim also indicated he would be willing to send GIS staff to a GIS Working Group coordination meeting if we or Salton Sea Authority organized one.

Meeting Summary

Ms. Thielman-Braun attended this scoping session to hear what the County of Imperial planned for their General Plan Amendment (GPA) and make initial contact with their staff. Scoping session encompassed usual County presentation and public comments. Ms. Thielman-Braun submitted information on Riverside County's CEC grant efforts, particularly as regards the Salton Sea region and potential geothermal planning. After the public meeting, Ms. Thielman-Braun met individually with the persons noted with asterisks (*), above, and discussed various plans for coordination and information sharing between the agencies. Expect coordination with Mr. Parli of the California Division of Oil, Gas and Geothermal Resources (DOGGR) will be particularly valuable for geothermal data and planning for Salton Sea. Mr. Minnick was amenable to the idea of holding an inter-agency GIS Working Group meeting to coordinate data (GIS) standards amongst the various agencies sharing Salton Sea data.

Meeting Agenda

B6 ■ Sunday, August 3, 2014 ■ Imperial Valley Press

Business

PUBLIC NOTICE

Pursuant to the requirements of the CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) and the County's "RULES AND REGULATIONS TO IMPLEMENT CEQA," the Imperial County Environmental Evaluation Committee will meet on **August 14, 2014** at **1:30 PM** in the Board of Supervisors Chambers, 940 Main Street, El Centro, to review the below-mentioned project(s):

(Informational Item Only) Assessment #14-0017: The following item is an information item to discuss the updating of the 2006 Geothermal/Alternative Energy & Transmission Element. The County of Imperial submitted an application to the California Energy Commission (CEC) and received funds from the CEC's Renewable Energy and Conservation Planning Grant Phase I in the amount of \$700,000. The proposed project is to revise the County's 2006 Geothermal/Alternative Energy & Transmission Element, review the County's General Plan goals, policies and programs, revise the Land Use Ordinance, implement a renewable energy overlay zone and revising applicable zoning maps. Thus, future renewable energy projects can become knowledgeable about conservation areas, potential impacts to resources and apply mitigation measures to reduce impacts to insignificance in those areas where renewable energy projects can be located. This is in order to be consistent with the conservation goals of the Desert Renewable Energy Conservation Plan in a manner consistent with Government Code Section 65041.1(b). The key tasks include the following: collection of baseline environmental information from federal, state, military, tribal and private sources, identify areas of natural resources, review the General Plan Elements for internal inconsistencies on renewable energy issues, develop and implement a public outreach program, revise implementing ordinances and adopt the renewable overlay zone/ zoning maps and preparation of a "Programmatic Environmental Impact Report".

Jim Minnick, Chairman
Environmental Evaluation Committee

Si usted requiere esta información en español, favor de llamar al (760) 482-4236.

Attachment C:

Screenshot of Riverside County Planning Department website, dated August 28, 2014 (URL: <http://planning.rctlma.org/Home/WhatsNew.aspx>)

The screenshot displays the Riverside County Planning Department website. The browser's address bar shows the URL: <http://planning.rctima.org/Home/WhatsNew.aspx>. The website header includes the Riverside County logo and the text "RIVERSIDE COUNTY VISIT US AT: www.CountyofRiverside.us". A navigation menu lists various services: Zoning Information, Development Process, Project Information, Specific Plans, General Information, and Contact Us. Below the menu, there are five main content areas with icons: General Plan & Zoning, Forms & Applications, Public Hearings, and Parcel Information. A "What's New" section highlights the launch of the eRED program. The text in this section reads: "County launches Eligible Renewable Energy Development (eRED) Program. In July 2014, the County initiated a two-year eRED Planning Program funded by a grant from the California Energy Commission. The purpose of the eRED Program is to coordinate and encourage eligible renewable energy resource development within the County at the General Plan level. Accordingly, the project will be processed via a General Plan Amendment with a target date of January 2016 for adoption. It will also include custom mapping which will be made available online to allow the public, potential developers and investors to readily access data on the County's wide variety of renewable energy resources and potential. A project webpage is under development and will be linked from this homepage once it is available."

Attachment D:

Agenda, IEPR Lead Commissioner Workshop, “Integrating Environmental Information in Renewable Energy Planning Processes,” dated August 5, 2014



California Energy Commission
Integrated Energy Policy Report Lead Commissioner Workshop

Integrating Environmental Information in Renewable Energy Planning Processes

August 5, 2014 – 9:00 a.m.

Hearing Room A

*(Additional public seating will be in the 2nd floor conference room from 9:00 a.m.-12:00 p.m. and then
Hearing Room B from 1:00 p.m.-4:00 p.m.)*

Introduction

Heather Raitt, Integrated Energy Policy Report program manager

Opening Comments

Chair Robert Weisenmiller, California Energy Commission
Commissioner Janea Scott, California Energy Commission
Commissioner Karen Douglas, California Energy Commission
Commissioner Michael Picker, California Public Utilities Commission
Jim Kenna, State Director California, Bureau of Land Management

Panel 1: Environmental Information in Renewable Energy Planning Processes

Moderator, Ed Randolph, California Public Utilities Commission

Each presenter will briefly describe ways in which their agency has used environmental information in renewable energy planning in recent years and how such information might inform planning to achieve possible future renewable energy targets above the current 33 percent statutory requirement.

Environmental Considerations in Generation Planning and Procurement

Paul Douglas, California Public Utilities Commission (CPUC)

Paul Douglas will discuss how the CPUC has utilized environmental scores provided by the Energy Commission in the development of renewable generation portfolio scenarios sent to the California ISO for use in transmission planning to meet state policy targets such as the 33 percent renewables portfolio standard (RPS). Paul will also describe the process underway at the CPUC to overhaul the RPS calculator, and request input/suggest possible direction for the use of environmental scoring or other environmental information in planning to meet future, higher renewable energy targets.

Incorporation of Environmental Scoring into Transmission Planning

Dennis Peters, California Independent System Operator (California ISO)
Neil Millar, California ISO

Neil Millar will describe how the California ISO has evaluated scenarios provided by the CPUC and Energy Commission in its transmission planning process and request input/suggest possible direction for how the California ISO might incorporate additional environmental information, possibly including environmental information related to transmission needs identified for the scenarios.

Environmental Scoring of Proposed Generation Projects

Roger Johnson, California Energy Commission

Roger Johnson will briefly discuss how the Energy Commission has scored projects in past years and will request input/suggest possible direction on what kind of environmental information, including but not limited to landscape level planning efforts such as the Desert Renewable Energy Conservation Plan (DRECP), could be the most helpful in the energy planning processes described above.

Panel Discussion**Panel 2: Planning Approaches and Tools**

Moderator, Carl Zichella, Natural Resources Defense Council

The focus of this workshop is on energy infrastructure planning processes; in particular, how and to what degree environmental information could or should inform scenarios developed in the long term procurement planning process and analyzed by the California ISO related to possible future renewable energy targets above the current 33 percent statutory requirement. However, it is helpful to ground this discussion by providing some context about ongoing and possible new approaches and tools that could help inform these processes.

This panel will begin with a discussion of how some of the ideas put forward in a recent report issued by the Department of Interior entitled "A Strategy for Improving the Mitigation Policies and Practices of The Department of the Interior" could apply in the renewable energy context. Panelists will also provide a brief overview of the goals and status of the DRECP and the geospatial mapping and decision support tool that is being used in DRECP to inform planning decisions and engage stakeholders and the public.

Elizabeth Klein, Department of Interior (DOI)

Drawing from a recent report entitled "A Strategy for Improving the Mitigation Policies and Practices of The Department of the Interior", DOI will discuss different approaches to landscape level planning and mitigation and how they might apply in the renewable energy context, highlighting possible benefits of this approach.

Chris Beale, Desert Renewable Energy Conservation Plan

Chris Beale will briefly describe the status and goals of the DRECP and briefly describe coordination between the DRECP and local governments in the plan area.

Jim Strittholt, Conservation Biology Institute (CBI)

Jim Strittholt will demonstrate CBI's DataBasin tool, showing how it is being used to support the DRECP and how this approach could help inform renewable energy planning in other contexts.

Panel Discussion

Panel 3: Local Government Perspectives**Moderator, Terry Watt, Desert Renewable Energy Conservation Plan**

Panelists will briefly describe recent experiences with renewable energy development in their counties and discuss their priorities in terms of renewable energy planning and coordination.

Gerry Newcombe, County of San Bernardino **WebEx**
James Caruso, County of San Luis Obispo **WebEx**
Joshua Hart, County of Inyo **WebEx**
Andy Horne, County of Imperial
Cindy Thielman-Braun, County of Riverside **WebEx**
Craig Murphy, County of Kern
Paul McCarthy, County of Los Angeles **WebEx**

Panel Discussion**Lunch (12:30 – 1:30)****Panel 4: Roundtable Discussion- Government, Utility, Developer, and Environmental Perspectives****Moderator, Commissioner Karen Douglas, California Energy Commission**

This roundtable panel will open with brief introductions followed by a facilitated conversation using the discussion questions below.

Chair Robert Weisenmiller, California Energy Commission
Commissioner Janea Scott, California Energy Commission
Commissioner Karen Douglas, California Energy Commission
Jim Kenna, Bureau of Land Management
JR DeLaRosa, California Natural Resources Agency
Steve Chung, Department of Defense
Sandra Schubert or Jim Houston, California Department of Food and Agriculture
Ed Randolph, California Public Utilities Commission
Kevin Kelley, Imperial Irrigation District
Janice Frazier-Hampton, Pacific Gas and Electric
Kevin Richardson and Katie Sloan, Southern California Edison
Jan Strack, San Diego Gas and Electric
Andy Horne, County of Imperial
Jim Detmers, Westlands Solar Park
Matt Stucky, Abengoa Solar
Ray Kelly, NRG
Jesse Gronner, Iberdrola Renewables
Nancy Rader, California Wind Energy Association
Rachel Gold, Large-Scale Solar Association
V. John White, Center for Energy Efficiency and Renewable Technologies
Erica Brand, The Nature Conservancy
Sarah Friedman, Sierra Club
Kate Kelly, Defenders of Wildlife
Mark Tholke, EDF

Mark Nechodom, California Department of Conservation
Karen Mills, California Farm Bureau Federation
Lara Rozzell, NPS

Public Comments (~4:15)**Lead Commissioner Summation/Closing Remarks****Adjourn****Discussion Questions**

1. What kind of environmental information is most helpful to the CPUC and California ISO in development of renewable energy scenarios and analyzing related transmission needs? What type and level of information is most suitable and how should it be assembled, vetted and utilized?
2. Should the Energy Commission continue to provide project-specific environmental scores to the CPUC for the development of renewable energy scenarios or should the Energy Commission provide more aggregated values to help inform development of the scenarios? Should the approach that the Energy Commission takes to scoring differ for projects in areas where there is a plan such as DRECP, and if so, how?
3. Should environmental information about transmission needs associated with different scenarios be considered in conjunction with environmental information about differing locations of renewable energy generation in the scenarios? If high-level environmental information about transmission is incorporated in decisions about transmission for renewable energy planning, should that same information be considered by the California ISO in other transmission planning activities (reliability needs or economic needs) that aren't related specifically to renewable energy transmission?
4. How should planning efforts such as the DRECP be used to inform development of renewable energy scenarios and analysis of related transmission needs? What uses of DRECP or related efforts may not be appropriate in these processes?
5. How should the Energy Commission, the CPUC and the California ISO deal with differing levels of information in other regions of the state or out of state where differing levels of information may be available?
6. How and to what extent should DRECP or related efforts feed into the procurement process? What uses of DRECP or related efforts may not be appropriate in the procurement process?
7. To what extent should local government renewable energy planning help inform energy agency processes, and how? What additional recommendations do participants have for how the Energy Commission, CPUC and California ISO should work together to improve coordination, transparency and outcomes in renewable energy planning.
8. What data or information could state and federal agencies provide to help project developers minimize costs and uncertainty in project siting?

Attachment E:

Draft “Request For Qualifications” (RFQ), dated August 28, 2014

REQUEST FOR QUALIFICATIONS
to provide
UTILITY MAPPING AND INFRASTRUCTURE PLANNING
for the
SALTON SEA RENEWABLE ENERGY STUDY REGION for the
COUNTY OF RIVERSIDE

TABLE OF CONTENTS

I. Events Calendar	1
II. Introduction	2
III. Inquiries	2
IV. Submissions	3
V. General Information	4
VI. Scope of Services.....	5
VII. Award of Contract.....	12

EXHIBITS

- Exhibit A: Location Map for the Salton Sea Renewable Energy Study Region
- Exhibit B: Draft Engineering Services Agreement
- Exhibit C: Required SOQ Forms
- Exhibit D: Agency Funding Requirements and Related Forms
- Exhibit E: Sample Professional Service Rate Sheet and Invoicing Forms
- Exhibit F: Consultant Services Evaluation Rating Form (to be used by Evaluation Committee)

I. EVENTS CALENDAR

Distribution of RFQ	09/15/14
Written Question Submittal Deadline by 5:00 p.m.*	10/03/14
Last Online Posting of Response to Questions and Addenda (if any)*	10/06/14
Closing Date for RFQ by 4:00 p.m.	10/13/14
Notification of Short List Selection.....	10/27/14
Interviews (<i>tentative</i>).....	11/03/14
Notification of Final Selection (<i>tentative</i>)	11/17/14

** Responses to questions will be posted online in the "Questions & Answers" document for this RFQ as they are received. For substantive changes, addenda will be issued. No addenda shall be issued after the "Last Online Posting" date indicated above. Please monitor the website for all information regarding this RFQ (http://www.rctlma.org/trans/eng_rfp.html). The County will not be sending individual notifications of changes or updates. It is the sole responsibility of prospective bidders to remain apprised of any changes to the RFQ.*

II. INTRODUCTION

The County of Riverside is seeking qualified engineering professionals to provide mapping of existing and master-planned (future) utilities and infrastructure for the proposed Salton Sea Renewable Energy Study Region (see location map, attached). To establish a new contract, the County is seeking Statement of Qualifications (SOQ) from qualified engineering professional firms to perform the services outlined herein.

The selected firm will be responsible for obtaining and codifying maps/data on existing utilities and infrastructure, specifically electrical, water, sewer and natural gas, within the Study Region. Firm will also be responsible for obtaining and codifying maps/data on existing master-planned utilities and infrastructure within the Study Region from any/all utility providers with such facilities in or crossing the Study Region. Utility providers expected to have data and/or master plans to be addressed by this work effort include, but may not be limited to: Coachella Valley Water District, Imperial Irrigation District, Southern California Edison, Valley Sanitary District and Verizon Communications. To the extent available, existing and planned storm drainage plans will also be compiled for the region.

The object of this effort is to create/compile a codified series of maps and GIS data that depicts the basic utility infrastructure of the Study Region on a **conceptual** planning basis. That is, these plans are **not** to be engineered to design/build standards. **No surveying or detailed field work is planned or proposed.** Likewise, no construction or ground-disturbing activities are planned or proposed for this project. The purpose of this mapping effort is to develop a GIS database accurately depicting the general locations of existing utilities, current master-planned utilities, and to generally identify areas where infrastructure additions or improvements are needed to facilitate buildout of Riverside County. The County is acting as the lead agency for the project.

All work will be conducted and prepared in accordance with County practices, regulations, policies, procedures, manuals and standards, as appropriate. This project is being funded by a grant awarded by the California Energy Commission ("CEC"). Funding for this project was authorized by Assembly Bill x1 13 (Perez, Chapter 10, Statutes of 2011) and consists of funds from the Renewable Resource Trust Fund. As such, it is subject to the requirements of that funding agency and the terms and conditions of the grant award as specified in the County's Grant Agreement (REN-13-002).

III. INQUIRIES

All inquiries and responses to this Request for Qualifications (RFQ) should be submitted to:

County of Riverside, Transportation Department
4080 Lemon St., 12th Floor
Riverside, CA 92501-3634
Attention: Cindy A. Thielman-Braun, Project Manager, (951) 955-8632

Prospective consulting firms are encouraged to promptly notify the County of any apparent inconsistencies, problems or ambiguities in the RFQ. Bidders may submit questions via email to cthielma@rctlma.org no later than the date identified in the Event Calendar of this RFQ. All inquiries shall be made only through this email address; telephone calls will not be accepted. If deemed necessary, the County may call for a pre-proposal meeting to discuss issues raised. However, no meeting is currently planned at this time.

All notices, clarifications and addenda to this RFQ will be posted on the County webpage at http://www.rctlma.org/trans/eng_rfp.html. Please monitor website for all information regarding this RFQ. The County will not be sending individual notifications of changes or updates. It is the sole responsibility of prospective bidders to remain apprised of any changes to the RFQ.

SOQs must be received by this office no later than **4:00 pm** on the closing date listed to be considered. Submittals should be sent by registered mail, certified mail, overnight courier or by hand delivery. Incomplete submittals and/or submittals received after the deadline will be rejected without review.

IV. SUBMISSIONS

Each SOQ must not be more than **20 single-sided pages** in length (not counting the front and back covers, dividers that contain no information or the required forms from Exhibits C or D, or other exhibits). **Six (6)** copies of the SOQ shall be submitted for review by the selection committee.

A. SOQ Contents

1. A cover letter, signed by an authorized representative of the prospective consulting firm, shall include the name, address, telephone number, e-mail address for future contact.
2. List of personnel to be made available for the project and a resume of qualifications for each. Each firm shall provide the name of at least one engineer registered in the State of California who will be assigned as a project manager or the project engineering lead.
3. Provide a team organization chart depicting the relationships between the prime consulting firm's team members and the subconsultants, if any.
4. SOQ should clearly and accurately demonstrate recently performed relevant projects that indicate the past performances and abilities of the proposed team. Include a key client contact person with their current phone number.
5. Provide a project flow chart depicting key task activities and sequences anticipated for a typical utility mapping effort for a County project.
6. SOQ shall be prepared in a spiral bound 8.5" x 11" booklet format, using 11-point Arial font with single spacing.
7. Include in SOQ all of the forms from Exhibit C and the applicable forms from Exhibit D.

V. GENERAL INFORMATION

A. Selection Process

1. Consultants interested in being considered shall submit SOQ in compliance with this notice.
2. The selection committee, comprised of County staff, will review and score the SOQs based on the selection criteria (see Exhibit F) and establish a shortlist.
3. The firms on the shortlist will be notified and may be requested to provide an oral presentation. The County will provide the time and location for the interviews, if needed.
4. At any time, the County may contact previous Clients to verify the experience and performance of the prospective consulting firm.
5. The firms will be ranked based on the selection criteria and the highest-scoring ("Best Qualified") firms will be contacted to submit a written fee proposal along-with hourly man-hours rates, overhead and other multipliers. The written fee proposal should follow the "Sample Professional Services Rate Sheet" which is included in this RFQ as Exhibit E. Once the negotiations are successful, the firm's SOQ and fee proposal will become an integral part of the contract and will be a public document.
6. If for any reason a contract cannot be negotiated, the next ranked firm will be selected from the Consultant ranking list.

B. Selection Criteria

The County will evaluate Statements of Qualifications using the following criteria (see Exhibit F):

1. Experience of the prospective consulting team and its key members in terms of proposed staffing. Relevant experience and availability of the Engineering Project Manager and key personnel. (25 points).
2. Understanding of work to be performed and proposed project approach. (25 points).
3. Demonstrated competence in technical services to be provided. History of engineering services within past five years for utility/infrastructure mapping work in similar settings, particularly experience in the Coachella Valley/Salton Sea region. (25 points).
4. Demonstrated competence in successful management and completion of projects with the County of Riverside. (25 points).

C. Other Items**1. County Minority / Women / Disabled Veterans Business Enterprise Policy**

County of Riverside's M/W/DVBE Contract Participation Program affirms the utilization and participation of qualified minority, women and disabled veteran firms in its contracting and procurement activities. The County encourages general and prime contractors to afford

competitive subcontracting opportunities to minority, women and disabled veteran firms, where possible, in their contracting and procurement activities with the County of Riverside.

2. Work Performed by County Personnel

County reserves the right to perform any portion of this scope of work with County personnel or by other Consultants.

3. Contract Flow-Down Requirements

The County funding for the work effort to be contracted as a result of this RFQ is from the State of California pursuant to CEC Agreement REN-13-002. As such, the CEC requires any/all subcontractors retained by the County pursuant to Agreement REN-13-002 to include a number of flow-down items in any subsequent contracts executed by the County to be paid directly or indirectly by funds obtained pursuant to the CEC Agreement. No County matching funds are proposed or included in this grant funding. The specific contract conditions from Agreement REN-13-002 that shall apply to the Consultant selected as a result of this RFQ are included in the draft Engineering Services Agreement attached (see Exhibit B).

VI. SCOPE OF SERVICES

A. Description

Under the proposed Engineering Services Agreement, the selected Consultant (“qualified Engineer”) will perform utility mapping and infrastructure planning services for the Riverside County Transportation and Planning Departments. Said services will consist of developing maps, plans and GIS data of existing and master-planned (future) utilities and working with the County to identify any future infrastructure needed to facilitate County buildout. Area of focus/emphasis will be the proposed “Salton Sea Renewable Energy Study Region” (“Study Region,” herein) at the eastern end of the Coachella Valley.

1. Background

In July 2014, the County of Riverside was awarded a grant from the California Energy Commission (CEC) to perform mapping and planning coordination for the purpose of facilitating eligible renewable energy resource development (“eRED”) within Riverside County. As shown in Exhibit A, the Salton Sea Study Region is roughly defined for the purposes of this RFQ as being approximately bounded by Highway 86 on the west, 66th Avenue/Box Canyon Road on the north, the Riverside County line to the south and Windlass Drive to the east.

The eRED project is proposed to address “current impediments, unresolved issues and knowledge gaps” within the County. The result will be an amendment to the County’s General Plan to facilitate the permitting of eligible renewable energy resources and their associated electric transmission facilities, and the processing of permits for eligible renewable energy resource development throughout the County. Identified “impediments,

issues and knowledge gaps” to be addressed through the selected Consultant’s work efforts include:

- a. Need for mapping of eligible renewable energy resources throughout the County and Salton Sea.
- b. Need for identification and mapping of land borders to improve infrastructure planning.
- c. Need for definitive designation of appropriate transmission corridors.

The over-arching goal of the County’s work effort is to update the General Plan in a manner that will result in increased eligible renewable energy resource development opportunities. The mapping work that the Consultant provides for the Salton Sea Study Region will help the County identify areas with potential eligible renewable energy resources and sufficient infrastructure to facilitate their development, in particular the associated electric transmission facilities that are critical to the successful siting of any eligible renewable energy resource developments. For the Study Region, the focus will be on the development of local maps and plans to aid in implementing eRED within the Salton Sea region of Riverside County, with an emphasis on geothermal energy potential, furthering the region’s electric transmission plans and integrating these developments as components of financially and environmentally sustainable dust mitigation and ecosystem restoration efforts around the Salton Sea. The resultant data and plans will generally be made publicly available online to also aid potential eligible renewable energy resource development applicants and public agencies coordinating planning for future infrastructure.

2. Coordination

Consultant is expected to coordinate with other involved agencies to obtain needed plans and data. Coordination may include, but not necessarily be limited to, the following agencies serving or with infrastructure in or crossing the eastern Coachella Valley/Salton Sea region:

- | | | |
|-----------------------------------|---------------------------------|-----------------------------|
| • County of Imperial | • Cal. Energy Commission | • Torres-Martinez Tribe |
| • Imperial Irrigation District | • Cal. Dept. of Transportation | • Bureau of Land Management |
| • Coachella Valley Water District | • Cal. Dept. of Conservation | • Bureau of Indian Affairs |
| • Valley Sanitary District | • Cal. Dept. of Fish & Wildlife | • U.S. Geological Service |
| • Other Utility Providers | • Other State Agencies | • Other Federal Agencies |

All meetings with outside agencies will be scheduled by Consultant with the approval of the County.

3. Standards

All work will be prepared in accordance with County, CEC and/or Caltrans practices, regulations, policies, procedures, manuals and standards, or as directed. Deliverables will be prepared in accordance with the most current Caltrans, County and/or CEC guidance, as applicable. Exceptions must be approved by County in advance.

4. Key Personnel

The Consultant has represented to the County that certain key personnel will perform the services and if one or more of such personnel should become unavailable, Consultant may substitute other personnel of at least equal competence only after prior written approval by the County Project Manager has been secured. The key personnel for performance of this contract will be identified in the Engineering Services Agreement, Appendix A, Article A-I (see Exhibit B).

5. Budget Information

The proposed scope of work is for a relatively small, initial *conceptual* study of the region's infrastructure, both existing and currently proposed. As such, the grant allocation is limited in both time and funding.

B. Project Management

The Consultant will maintain ongoing liaison with the County Project Manager and other affected agencies to promote coordination during the course of working on the Project and ensure timely delivery of work products.

C. Cost Accounting

The Consultant will prepare monthly reports of expenditures for the Project, including certified payroll reports. These reports will be included as supporting data for invoices presented to the County every month. Invoicing submitted to the County shall include preparation of "Prime Sub-consultant" invoicing forms, as required by the CEC pursuant to the grant Agreement (REN-13-002). These CEC forms are provided in Exhibit E-2.

D. Scheduling

Schedules will be prepared for both phases of the Project and shall require prior approval by the County Project Manager. The expected time duration for the performance for this project is approximately six to twelve months. The Consultant's work effort is scheduled to start in January 2015.

E. Phasing of Work Effort

The County requires the services of a competent consulting engineering firm (“Consultant,” or “Engineer” in the Engineering Services Agreement) to provide mapping services for the approved project in conformance with County requirements. The scope of work includes, but is not limited to, conceptual map preparation and infrastructure planning services. In order for the County to accomplish the Renewable Energy Planning Project, the scope of work to be performed by the Consultant is planned in two phases, both occurring as part of the overall Task 4 of the County’s CEC Agreement (REN-13-002). The two phases will encompass the following work efforts.

1. Phase One: Mapping Existing Utility Plans

Consultant shall contact any/all applicable utility providers serving the Study Region and assemble a list of all existing master plans within the Study Region. Plans shall focus on electrical, water, sewer and natural gas. Providers expected to be serving the area or having plans for the area include, but may not be limited to: Coachella Valley Water District; Imperial Irrigation District; Southern California Edison; Valley Sanitary District and Verizon Communications, at minimum. Based on the information from these providers, Consultant shall prepare maps/GIS data depicting existing utilities and current master-planned utilities from the region’s providers. In developing GIS dataset for existing utilities/infrastructure, work effort may include converting “as-built” data obtained from providers into suitable GIS data. Such work efforts may be performed by the County itself, the Consultant himself or some agreed-upon combination of the two. This phase will also include Consultant participation in relevant coordination with the Salton Sea Authority and, in particular, various technical meetings with local utilities and other agencies. It is expected that the Phase One work effort will encompass roughly two-thirds of the total proposed effort.

2. Phase Two: Assessing Future Infrastructure Needs

Consultant shall also coordinate with County in preparing conceptual alignment mapping of utilities identified as necessary for the development/ buildout of County land use plans over time. Specifically, the County will be looking to develop conceptual (not design/build) infrastructure plans identifying where/how utilities and their connections, extensions or tie-ins would be needed to best serve planned development within the County, particularly as related to areas potentially suitable for eligible renewable energy resource development (in particular, solar and/or geothermal, as conditions allow or are deemed suitable for the given eligible renewable energy resource). This phase will also include Consultant participation in relevant technical coordination meetings, such as with local utilities, the Salton Sea Authority and other agencies. It is expected that Phase Two will encompass approximately 200 hundred hours or roughly one-third of the total proposed work effort.

Data, maps and plans developed by the Consultant will be used by the County in developing the General Plan Amendment (GPA) that is proposed as the culmination of the County’s CEC grant effort. It is planned that the County of Riverside will be preparing the GPA and

all necessary CEQA and other analyses, as well as processing the GPA. Consultant is not expected to have any additional work contributions for the GPA phase of the grant effort.

F. Scope of Work

The project is to provide the Riverside County Transportation Department with utility and infrastructure mapping of the eastern Coachella Valley/Salton Sea region for use in the County's CEC-funded Renewable Energy Project. The goal is the development of data needed to create specific maps and plans for eligible renewable energy resource development in the Salton Sea region of Riverside County. This effort will include detailed mapping and opportunities/constraint analysis, performed primarily by a qualified Engineer, for an area identified as the "Salton Sea Eligible Renewable Energy Resource Development (eRED) Study Region" ("Study Region," herein).

Services will be performed at the request of the County Project Manager or authorized designee. Consultant shall take directives from the County Project Manager. Consultant shall not accept the directives of other agency's personnel in contradiction to County directives. Willful failure to comply with County directives as a result of directives from other agencies shall constitute a breach of contract by the Consultant.

Consultant and/or County shall prepare a written scope of work and schedule for all tasks identified for the Project. Consultant and County shall negotiate and establish a budget that is consistent with the scope of work and the Consultant's billing rates as provided in Appendix C (Budget) of Exhibit B. The tasks and schedule established for the Project shall be memorialized in writing and approved by County Project Manager or authorized designee. The total sum of the authorized budget for Engineer's Project shall not exceed the maximum amount defined in Appendix C of the Engineering Services Agreement.

1. Project Tasks

Project tasks to be performed by the Consultant will consist of various utility and infrastructure mapping and related assignments including, but not limited to, the following:

- a. Evaluate and prepare conceptual utility / infrastructure maps for the Salton Sea Study Region. Data and maps shall be developed to identify critical opportunities and constraints within the Salton Sea Study Region for applicable eligible renewable energy resources. These will include, but may not be limited to, the following:
 - i. Locations of existing infrastructure, i.e., electrical, water, sewer, gas (with emphasis on electrical transmission lines and corridors).
 - ii. Planned future infrastructure availability, i.e., electrical, water, sewer, gas (with emphasis on electric transmission lines and corridors).
 - iii. Existing and planned future drainage facilities / storm drainage infrastructure (to the extent relevant to eRED planning issues).

- b. Compile data for and create conceptual (schematic) maps of existing and master-planned (future) utilities and infrastructure. Infrastructure studied is expected to include roads, power lines and electric substations, as well as natural gas, water and sewer lines, drainage facilities and treatment plants.
- c. Coordinate with utility providers serving the area or having plans for the area. These may include, but not be limited to: Coachella Valley Water District, Imperial Irrigation District, Southern California Edison, Valley Sanitary District and Verizon Communications, at minimum.
- d. Receive utility plans and data from the solicited public utilities/agencies/providers and process all as-built plans, project data and other submittals. Coordinate submittals with information contained in related documents. Establish and implement procedures for expediting the processing and approval of such data in a manner meeting stated County GIS standards.
- e. Develop GIS layers identifying existing/planned infrastructure related to potential eligible renewable energy resources. Such infrastructure could include roads, power lines and electric substations, as well as natural gas, water and sewer lines, drainage facilities and treatment plants. County will provide engineering and GIS specifications as to the necessary level of required mapping and coordination.
- f. Prepare maps and GIS data based on the information acquired from the utility providers. Plans shall depict existing utilities and current master-planned utilities for the Study Area. In developing GIS dataset for existing utilities/infrastructure, work effort may include converting “as-built” data obtained from providers into suitable GIS data. All mapping work product prepared by Consultant shall be submitted to County in a format compatible with and suitable for County GIS use. The various mapping efforts may be performed by the Consultant directly, by the County directly or in some agreed-upon combination of the two. County will provide Consultant with additional GIS technical specifications as needed.
- g. Participate in relevant coordination with the Salton Sea Authority and, in particular, attend various technical meetings with local utilities and other agencies.
- h. Coordinate with County, Salton Sea Authority, its member agencies, utility providers and any other involved entities to perform cross-jurisdictional planning, acquire and share data, and identify any additional studies or infrastructure planning needed.
- i. Assist the County in conducting final review of all submitted documents, maps and data. The Consultant shall coordinate the correction and processing of all work into a GIS format deemed acceptable by the County. All materials submitted will become the property of the County.

- j. Perform both mapping project phases. Phase One of Consultant's work effort will encompass creation of existing and master-planned (future) utility maps. Phase Two of Consultant's work effort will be coordinating with County to analyze existing plans and prepare conceptual alignment mapping of utilities identified as necessary for buildout of County land uses over time (if different from agency plans). Phase Two is expected to encompass approximately 200 hundred hours or roughly one-third of the total proposed work effort.
- k. Develop recommendations for conceptual (not design/build) infrastructure plans to identify where and how utilities and their connections, extensions or tie-ins would be needed to best serve planned development within the County, including areas potentially suitable for eligible renewable energy resource development (particularly for solar and/or geothermal, as conditions allow or are deemed suitable for the given resource).
- l. Perform other associated professional services that may be requested.

2. Required Consultant Responsibilities

Consultant shall report directly to County. In addition to the scope of work described above, the Consultant's responsibilities and duties shall include, but not be limited to, the following:

- a. Provide preliminary evaluation of the program and project budget requirements, each in terms of the other.
- b. Identify or verify applicable requirements for equal employment opportunity programs, labor compliance and other necessary contract requirement compliance for public works projects, for inclusion in the proposed contract documents.
- c. Maintain strict cost accounting records on authorized work performed under unit costs, additional work performed on the basis of actual costs of labor and materials, or other work requiring accounting records.
- d. Facilitate cooperation with the County, agencies, regional utility and infrastructure providers, County of Imperial staff and any general public or other interested parties.
- e. Verify and monitor that all required certificates of bonds and insurance are kept current and have been received from the Consultant and forwarded to the County for approval.
- f. Assist County in determining when the Project or a designated portion thereof, is substantially complete. Prepare for the County a summary of the status of the work of Consultant, listing any changes in previously identified work products and recommending the timeframe and schedule by which Consultant shall complete uncompleted items.

- g. Secure and transmit to County any required guarantees, affidavits, releases, bonds or waivers.

3. Required County Responsibilities

The County will:

- a. Furnish any relevant documents, including plans, specifications or engineering estimates in the County's possession.
- b. Prepare and process progress payments upon receipt of approved payment requests from the Consultant.
- c. Process change orders upon receipt of approved change order requests from Consultant.
- d. Endeavor to process and pay invoices from Consultant within thirty (30) days of validation and approval.

VII. AWARD OF CONTRACT

Award of contract to successful firm shall be in accordance with the attached Engineering Services Agreement (see Exhibit B). The contract shall be performed on a task order bases, as agreed upon between the selected Consultant and the County. The total dollar amount of the contract shall be agreed upon as part of the selection process. The contract will be effective for up to two fiscal years. However, all Consultant invoices to be paid by the County from CEC grant Agreement funds must be received by March 31, 2016, in order to ensure County reimbursement.

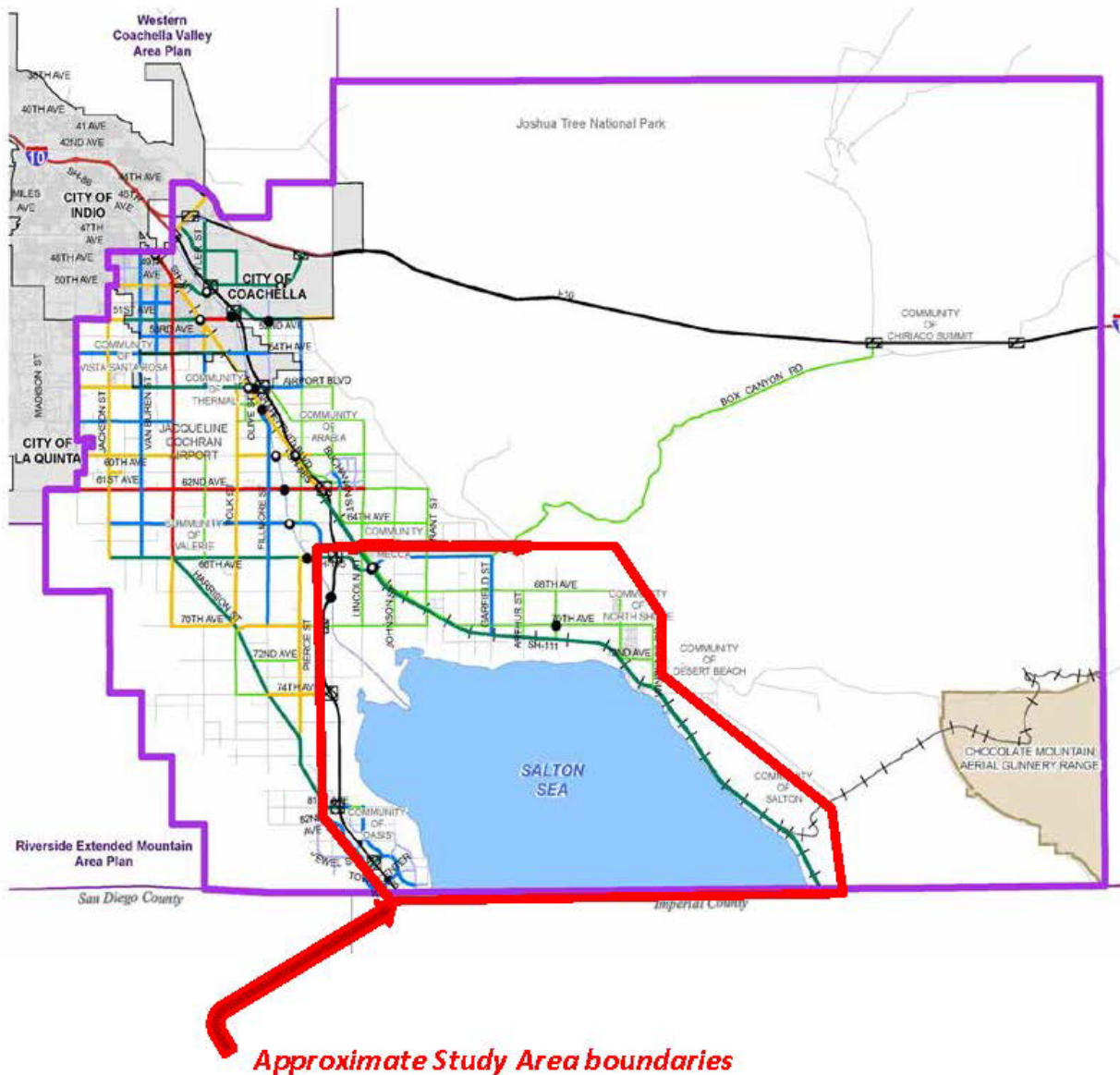
RFQ EXHIBIT A:

Location Map for Salton Sea Renewable Energy Study Region

Tentative Boundaries of Salton Sea Renewable Energy Study Area

(March 3, 2014)

Approximately bounded by Hwy. 86 to the west; 66th Ave./Box Canyon Rd. to the north; Riverside County line to the south; and Windlass Dr. or shores of the Salton Sea itself to the east (as appropriate – TBD).



RFQ EXHIBIT B:

Draft Engineering Services Agreement

(Attachments to RFQ, not included due to size.)

RFQ EXHIBIT C:

Required SOQ Forms*

* (Exhibit C-3b required on if applicable.)

RFQ EXHIBIT D:

Agency Funding Requirements and Related Forms

RFQ EXHIBIT E:

Rate Sheet and Invoicing Forms

RFQ EXHIBIT F:

Consultant Services Evaluation Rating Form

(To be used by Evaluation Committee)