



SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

Request for Proposals for Smart Grid Implementation Services

RFP Date: October 22, 2014

Response Deadline: November 21, 2014

I. Introduction

The Southern California Public Power Authority (SCPPA), on behalf of its Member Utilities, is hereby soliciting competitive proposals for qualified firms or individuals to provide various services and functions related to Smart Grid Implementation, as described below in Section III.

SCPPA is interested in discovering all Respondent's capabilities related to specified Areas of Interest and associated pricing to enable informed decisions and potentially proceed to more specific negotiations on contract development with one or more qualified Respondents to this Request for Proposals (RFP).

Responses to this RFP are due on or before November 21, 2014, as described below in Sections III and V.

II. Background

SCPPA is a joint powers authority and a public entity organized under the California Joint Exercise of Power Act found in Chapter 5 of Division 7 of Title 1 of the Government Code of the State of California, and through the SCPPA Joint Powers Agreement, for the purposes of planning, financing, developing, acquiring, constructing, operating and maintaining projects for the generation or transmission of electric energy. SCPPA also facilitates joint service contracts, at the request of its members, to aggregate like project efforts among its Members for the purposes of developing energy efficiency, demand response and resource procurement Programs or Projects to improve operating efficiencies and reduce costs.

Membership of SCPPA consists of eleven cities and one irrigation district, which supply electric energy within Southern California, including the municipal utilities of the cities of Anaheim, Azusa, Banning, Burbank, Cerritos, Colton, Glendale, Los Angeles, Pasadena, Riverside, and Vernon, and the Imperial Irrigation District. SCPPA is governed by its Board of Directors, which consists of representatives from each of its Members. The management of SCPPA is under the direction of an Executive Director who is appointed by the Board.

Any service contract subsequently entered into by SCPPA pursuant to this RFP would be utilized directly by the interested Members to serve their respective utility customers' needs. The service and work products would be ordered and approved directly by SCPPA and/or the applicable Members and the billing would be administered through SCPPA.

III. Areas of Interest

The Los Angeles Department of Water and Power (LADWP) has expressed interest in SCPPA securing bids to perform certain services related to Smart Grid Implementation and Operation to meet the needs of their municipality as outlined below. SCPPA is requesting proposals from qualified firms or individuals that will demonstrate an ability to perform such services and functions.

A. **Scope of Work**

The successful Respondent to this RFP shall assist in the daily operation of LADWP's Smart Grid Regional Demonstration Program (SGRDP) and the Smart Grid Implementation Program (SGIP) by providing project management support in the form of subject matter experts (SMEs) to provide technical and administrative support for the project management office and all project teams: Advanced Metering Infrastructure, Customer Behavior, Cyber Security, Demand Response, Electric Vehicle, and SGIP teams. The consultant shall provide expertise with Smart Grid-related functions to help develop and transitions to a Smart Grid infrastructure. The consultant's responsibilities shall include the integration of existing legacy systems with new Smart Grid systems, coordination among all project teams, development of documentation and reports, troubleshooting of technical problems, and ensuring that deliverables are met and demonstrations are successfully executed. The project manager and project staff will review, make recommendations, and request modifications as needed.

B. **Description of Work**

The successful Respondent to this RFP shall provide the following services:

1. Provide project management and technical support relating to all aspects of the two-year operations of the Smart Grid Regional Demonstration Program; which includes, but is not limited to operating manuals, new procedures, new processes, modifications of any existing operation orders, and development of any new operating orders;
2. Provide project management and technical support relating to all aspects of the Smart Grid Implementation Program which includes, but is not limited to project plans, technical project planning, new procedures, new processes, and thought leadership;
3. Provide maintenance support of the Smart Grid Programs, which includes, but is not limited to maintenance manuals, new maintenance procedures, processes, schedules, and modifications to any existing maintenance documents requiring modification;
4. Provide daily support and facilitate coordination among the project teams in the operation of Smart Grid Demonstrations in the areas of Advanced Metering Infrastructure, Customer Behavior, Cyber Security, Demand Response, and Electric Vehicles, Renewable Integration (Distributed Generation), Transmission Automation, Substation Automation, Distribution Automation, Communication Systems, Demand Side Management;
5. Provide project management and technical support relating to all aspects of the two year operations of the Demand Response Program. Provide step by step analysis procedures of Demand Response's use cases to support the goal of Demand response demonstrations.
6. Ensure the full system integration of current legacy systems with new systems deployed as required by the Smart Grid Programs, which shall include, but is not limited to development of adapters, interfaces, software (i.e. Oracle, STI) and integrators between systems as required for the operation and maintenance of any system identified as part of the Smart Grid infrastructure,

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- validation of any data, and subject matter expertise. the training of project managers and installation crews as pertaining to integration processes;
7. Provide a systems integration team which includes a solution architect, integration architect, and integration designer;
 8. Establish a project value management system;
 9. Provide troubleshooting expertise in all areas of the Smart Grid Programs to ensure that all deliverables are met and all demonstrations are successfully executed;
 10. Develop operational and maintenance reports as required by the DoE, CEC, and City of Los Angeles Reporting; which includes, but is not limited to DOE monthly progress reports, Standard Form 425, and OMB 1512 Quarterly Reports, Metrics and Benefits reports, health status reports, expense calculator, job calculator, job creation reports, and all ad hoc reports, as requested;
 11. Gather all required information and create reimbursement requests (Standard Form 270) that capture all expenditures for the SGRDP;
 12. Develop reports detailing technical requirements related to the operation and integration of Smart Grid systems;
 13. Provide quality control for all reporting;
 14. Prepare all procedural changes necessary to operate the Smart Grid infrastructure;
 15. Evaluate and process future RFPs for Smart Grid-related materials and services;
 16. Provide documentation of all aspects of the operation of the Smart Grid Programs, including but not limited to invoicing, project accounting, and risk management; project meeting agendas, meeting minutes, and action item lists;
 17. Monitor the electric utility industry to remain updated with the latest Smart Grid trends;
 18. Provide support for the customer engagement effort;
 19. Design, develop, and implement a Smart Grid Operating Center which includes and is not limited to business requirements of new systems, real time system activity monitoring, analytics and reporting, issue mitigation, meter triage;
 20. Provide Cisco Grid Router (CGR) management, firmware updates, RF mitigation, and all related operations and maintenance duties
 21. Advanced metering over the air download and configuration, and network performance Optimization;
 22. Develop Interfaces, modify systems, and perform all required testing;
 23. Assist in the development of all new department standards related to Smart Grid deployment and validate the Smart Grid Programs against industry standards;

24. Transfer all skills and knowledge relevant to the above services to employees during the contract term through training sessions and the development of design, standards, and procedural manuals

C. Deliverables

The Project deliverables will include, but are not limited to:

1. Operational Reports: documentation of all post-implementation requirements, procedures, processes, and standards for the duration of the project and beyond;
2. Maintenance Reports: identification of devices requiring maintenance, personnel responsible, timeline for maintenance, and method of maintenance;
3. Functional Procedures Manual: documentation of assessment and management of deletions, additions, and/or modifications to processes that will be adopted to operate a Smart Grid;
4. Operational Risk Assessment Report: identification and assessment of any and all risks to the Smart Grid Programs, its operation and any future operation of Smart Grid-related functions;
5. Software Development and Integration: development by a team of SMEs of all integrators, adapters, interfaces, and/or software necessary to operate and maintain the Smart Grid, and coordination of technical needs between project teams;
6. Regulatory Reports: regular completion and submittal of all recurring reporting required by DoE, CEC, and City of Los Angeles reporting, including, but not limited to ARRA quarterly progress reports, internal reports, DoE required reports, City of Los Angeles required reports, weekly and monthly progress reports, SF 425, OMB 1512, Jobs Created/Retained, Jobs Health Reports, PVMS, Risk Management updates, Metrics and Benefits reports, and ad-hoc reports as needed.
7. Project Invoices: preparation and submittal of monthly, quarterly and annual invoices.
8. Training Plan and Manuals: development by a team of SMEs of all training materials relating to Smart Grid Programs and integration for employees.
9. Enhancements to existing web portal to provide demand response and customer behavior functionality as outlined by the Project Management Office and respective project teams.

IV. Timeline / Schedule*

SCPPA RFP for Smart Grid Implementation Selection Process	
Schedule of Requirements	Target Date(s)
Issue RFP	October 22, 2014
Responses Due	November 21, 2014
Review of Responses	November 2014
Interviews (if necessary)	December 2014
Selection of Respondent(s)	December 2014

*Timeline/Schedule is subject to change.

V. Proposal Submission Required Elements

1. Transmittal Letter Content:

- a. A brief statement of the Respondent's understanding of the work to be done and commitment to perform the work as scheduled, including:
 - i) statement of work specifications; and
 - ii) reference to any proposed contractual terms and conditions required by the Respondent; and
 - iii) a summary of exceptions taken to the RFP requirements; and
 - iv) any and all expectations from SCPPA including, but not limited to: requirements definitions, strategy refinement, and staffing requirements to support the proposed project or program implementation.

- b. An officer authorized to bind must sign the proposal on behalf of the Respondent and must include the following declarations on the transmittal letter:

“This proposal is genuine, and not sham or collusive, nor made in the interest or in behalf of any person not herein named; the Respondent has not directly or indirectly induced or solicited any other Respondent to put in a sham bid, or any other person, firm or corporation to refrain from submitting a proposal; and the Respondent has not in any manner sought by collusion to secure for themselves an advantage over any other Respondent.”

2. **Respondent Information:** Provide legal name of Company or Individual, physical street address, the name(s) and title(s) of the individual(s) authorized to represent the Respondent, including telephone number(s) and email address(es).

3. **Proposal:** Proposals must include a description of the proposed project or program, how it meets (or does not meet) each of the objectives of this RFP, and a detailed description addressing all of the Areas of Interest. Respondents may also include additional services, products, tasks, task elements and/or functions that may not be part of or included in the RFP, but are deemed by the Respondent to be pertinent and potentially valuable to SCPPA or its Members. SCPPA will have full discretionary authority to consider, accept and/or reject without cause such supplemental information that is not directly requested, included in or made part of the RFP.

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4. **Fees:** Pricing in all Proposals should be made based on good faith estimates of the requirements defined in this RFP. Please include all necessary details of specific examples or estimates of the fees, labor rates and service charges. Describe how the fees, rates or charges will be determined. Respondents shall also be prepared to provide a breakdown of the applicable overheads and fringe benefit costs that are part of any labor rates and other direct costs associated with the services to be performed.
5. **Experience:** Respondent shall clearly identify project participants and management team, including:
 - a. Describe your firm's experience as may be applicable to this RFP, your organizational structure, management qualifications, and other contract related qualifications, including number of years firm has been in business.
 - b. Specify key employees and describe their qualifications, experience and duties related to this RFP, including the office location(s) where work will be performed, in addition to the physical street address referenced above.
 - c. Provide a commitment statement for the retention and use of key employees as proposed, their availability to initiate and sustain the proposal, as well as planned supplemental employees if key personnel are not available to assure project delivery.
 - d. State whether Respondent will use subcontractors to perform services pursuant to the contract. Should the use of subcontractors be offered, the Respondent shall provide the same assurances of competence for the subcontractor, plus the demonstrated ability to manage and supervise the subcontracted work. Subcontractors shall not be allowed to further subcontract with others for work. The provisions of any contract resulting from this RFP shall apply to all subcontractors in the same manner as to the Respondent.
 - e. Respondent shall indicate any and all pending litigation that could affect the viability of Respondent's proposal, continuance of existing contracts, operation or financial stability.
6. **References:**
 - a. Describe whether the Respondent has, within the last five (5) years, rendered any service to SCPPA or to any of SCPPA's Members, either as a contractor or subcontractor, either under the current Respondent's name or any other name or organization. If so, please provide details (status as prime or subcontractor, brief description of the contract, contract start and end date, the contract administrator name, and total actual contract expenditures).
 - b. If the Respondent has not rendered any service within the last five (5) years to SCPPA or to any of SCPPA's Members, then please provide references over that period with the details described above including the counterparty for which services were provided.
 - c. Identify existing related or relevant projects or programs which Respondent developed and/or operates that would demonstrate Respondent's capabilities in this area.
 - d. Describe relevant program development and implementation experience, approach, and provide a list of references for similar projects completed.

VI. Proposal Submission Delivery Requirements

There will not be an initial Respondent's conference associated with this RFP. Clarification questions may be addressed to bcope@scppa.org.

One (1) hard copy of your response, including a transmittal letter of authentic offer with wet-ink authority signature, and any supporting documentation should be delivered no later than 5:00pm PST on November 21, 2014 to:

Southern California Public Power Authority
Smart Grid Implementation
1160 Nicole Court
Glendora, California 91740

One (1) electronic copy of your proposal should also be delivered to the address above, preferably on a CD or USB flash drive, or alternatively e-mailed to bcope@scppa.org no later than the time and date referenced above.

No contact should be made with the Board of Directors, committees or working group representatives, or SCPPA Members concerning this RFP.

All information received by SCPPA in response to this RFP is subject to the California Public Records Act and may be subject to the California Brown Act and all submissions may be subject to review in the event of an audit.

VII. Terms and Conditions

1. SCPPA reserves the right to cancel this RFP at any time, reject any and all proposals and to waive irregularities.
2. SCPPA shall determine at its sole discretion the value of any and/or all proposals including price and non-price attributes.
3. Proposals may be sub-divided or combined with other proposals, at SCPPA's sole discretion.
4. SCPPA shall perform an initial screening evaluation to identify and eliminate any proposals that are, for example, not responsive to the RFP, do not meet the minimum requirements set forth in the RFP, are not economically competitive with other proposals, or are submitted by Respondents that lack appropriate creditworthiness, sufficient financial resources, or qualifications to provide dependable and reliable services for this RFP.
5. SCPPA reserves the right to submit follow up questions or inquiries to request clarification of information submitted and to request additional information from any one or more of the Respondents.
6. SCPPA reserves the right, without qualification and in its sole discretion, to accept or reject any or all proposals for any reason without explanation to the Respondent, or to make any award to that Respondent, who, in the opinion of SCPPA, will provide the most value to SCPPA and its Members.

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7. SCPPA may decline to enter into any potential engagement agreement or contract with any Respondent, terminate negotiations with any Respondent, or to abandon the request for proposal process in its entirety.
8. SCPPA reserves the right to make an award, at its sole discretion, irrespective of price or technical ability, if SCPPA determines that to do so would result in the greatest value to SCPPA and its Members.
9. Those Respondents who submit proposals agree to do so without legal recourse against SCPPA, its Members, their directors, officers, employees and agents for rejection of their proposal(s) or for failure to execute or act on their proposal for any reason.
10. SCPPA shall not be liable to any Respondent or party in law or equity for any reason whatsoever for any acts or omissions arising out of or in connection with this RFP.
11. SCPPA shall not be liable for any costs incurred by any Respondents in preparing any information for submission in connection with this RFP process or any and all costs resulting from responding to this RFP. Any and all such costs whatsoever shall remain the sole responsibility of the Respondent.
12. SCPPA may require certain performance assurances from Respondents prior to entering into negotiations for work that may result from this RFP. Such assurances may potentially include a requirement that Respondents provide some form of performance security.
13. Prior to contract award, the successful Respondent shall supply a detailed breakdown of the applicable overheads and fringe benefit costs that are part of the labor rates and other direct costs associated with the services to be performed.
14. SCPPA Members, either collectively or individually may contact Respondents to discuss or enter into negotiations regarding a proposal. SCPPA is not responsible or liable for individual Members interactions with the Respondent which are not entirely conducted through SCPPA or at SCPPA's option or election to engage the Respondent as defined within the RFP.
15. Submission of a Proposal constitutes acknowledgement that the Respondent has read and agrees to be bound by the terms and specifications of this RFP and any addenda subsequently issued by SCPPA.
16. Information in this RFP is accurate to the best of SCPPA's and its Members' knowledge but is not guaranteed to be correct. Respondents are expected to complete all of their due diligence activities prior to entering into any final contract negotiations with SCPPA.
17. SCPPA reserves the right to reject any Proposal for any reason without cause. SCPPA reserves the right to enter into relationships with more than one Respondent, can choose not to proceed with any Respondent with respect to one or more categories of services, and can choose to suspend this RFP or to issue a new RFP that would supersede and replace this RFP.

VIII. Additional Requirements for Proposal

1. **Consideration of Responses:** Submitted proposals should be prepared simply and economically, without the inclusion of unnecessary promotional materials. Proposals should be submitted on recycled paper that has a minimum of thirty percent (30%) post-consumer recycled content and duplex copied (double-sided pages) where possible.
2. **Insurance, Licensing, or other Certification:** If selected, the Respondent will be required to maintain sufficient insurance, licenses, or other required certifications for the type of work being performed. SCPPA or its Members may require specific insurance coverage to be established and maintained during the course of work and as a condition of award or continuation of contract.
3. **Non-Discrimination/Equal Employment Practices/Affirmative Action Plan:** If selected, the Respondent and each of its known subcontractors may be required to complete and file an acceptable Affirmative Action Plan. The Affirmative Action Plan may be set forth in the form required as a business practice by the Department of Water and Power of the City of Los Angeles which is SCPPA's largest Member.
4. **Living Wage Ordinance:** If selected, the Respondent may be required to comply with the applicable provisions of the City of Los Angeles Living Wage Ordinance and the City of Los Angeles Service Contract Workers Retention Ordinance. The Living Wage Ordinance provisions are found in Section 10.36 of the Los Angeles City Administrative Code; and the Service Contract Workers Retention Ordinance are found in Section 10.37 of the Los Angeles Administrative Code (SCWRO/LW0).
5. **Prevailing Wage Rates:** If selected, the Respondent will be required to conform to prevailing wage rates applicable to the location(s) where any work is being performed. Workers shall be paid not less than prevailing wages pursuant to determinations of the Director of Industrial Relations as applicable in accordance with the California Labor Code. To access the most current information on effective determination rates, Respondent shall contact:

Department of Industrial Relations
Division of Labor Statistics and Research
PO Box 420603, San Francisco, CA 94142-0603
Division Office Telephone: (415) 703-4780
Prevailing Wage Unit Telephone: (415) 703-4774
Web: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>

6. **Child Support Policy:** If selected, Respondent may be required to comply with the City of Los Angeles Ordinance No. 172401, which requires all contractors and subcontractors performing work to comply with all reporting requirements and wage earning assignments and wage earning assignments relative to court ordered child support.
7. **Supplier Diversity:** Respondents shall take reasonable steps to ensure that all available business enterprises, including Small Business Enterprises (SBEs) and Disabled Veteran Business Enterprises (DVBEs) have an equal opportunity to compete for and participate in the work being requested by this RFP. Efforts to obtain participation of SBEs, DVBEs, and other business enterprises may reasonably be expected to produce a twenty percent (20%) participation goal for SBEs and a three percent (3%)

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participation goal for DVBEs. For the purpose of this RFP, SCPPA's Supplier Diversity program is modeled after that of the Los Angeles Department of Water and Power. Further information concerning the Supplier Diversity Program may be obtained from the Supply Chain Services Division of the Los Angeles Department of Water and Power.

8. **SCPPA-Furnished Property:** SCPPA or a Member's utility drawings, specifications, and other media furnished for the Respondent's use shall not be furnished to others without written authorization from SCPPA or the applicable Member(s)..
9. **Contractor-Furnished Property:** Upon completion of all work under any agreement developed as a result of this RFP, ownership and title to reports, documents, drawings, specifications, estimates, and any other document produced as a result of the agreement shall automatically be vested to SCPPA and no further agreement will be necessary for the transfer of ownership to SCPPA. SCPPA has the sole right to distribute, reproduce, publish, license, or grant permission to use all or a portion of the deliverable documentation, work product or presentations as it determines in its sole discretion.