Staff Report Consent Item 6

TO: East Bay Community Energy Board of Directors

FROM: Howard Chang, Chief Operating Officer
       Melissa Brandt, Senior Director of Public Affairs and Deputy General Counsel

SUBJECT: Approve Selection of Portfolio Management and Technical Energy Regulatory Analysis Vendors in Response to Technical Energy Services Request for Proposals

DATE: July 18, 2018

Recommendation

A. Approve the selection of two portfolio management and four technical energy regulatory analysis vendors in response to Technical Energy Services Request for Proposals technical area 3.3: Portfolio Management Services and 3.5: Technical Energy Regulatory Analysis; and

B. Authorize the CEO, or his designee, to negotiate and execute Master Service Agreements with these vendors. The Master Service Agreement will be for a one-year term and the total value of all task orders associated with all Master Service Agreements shall not exceed $700,000

Table 1: Proposed Vendor Selection

<table>
<thead>
<tr>
<th>Portfolio Management Vendors</th>
<th>Technical Energy Regulatory Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy and Environmental Economics (E3)</td>
<td>Energy and Environmental Economics (E3)</td>
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<tr>
<td>Energy GPS</td>
<td>MRW Associates</td>
</tr>
<tr>
<td>Hanover Strategic Advisors</td>
<td>Navigant Consulting</td>
</tr>
</tbody>
</table>

Background

On June 14, 2018, EBCE issued a solicitation for Technical Energy Services to support a broad set of technical energy analysis needs. The RFP was structured in four technical issue areas:

- 3.2: Power Procurement Services
- 3.3: Portfolio Management Services
- 3.4: Energy Risk Management and Analysis
- 3.5: Technical Energy Regulatory Analysis
Through the RFP, EBCE seeks to enter into enabling Master Service Agreements with one or more vendors to provide a diverse set of technical energy analysis services. Through the Master Service Agreements, EBCE staff is seeking the flexibility to issue specific task orders to perform analytical tasks. Staff is proposing that the term of the Master Service Agreement be one year and that the total value of all task orders issued under all of the Technical Energy Services Master Service Agreement not exceed $700,000. In the approved 2018-2019 EBCE Budget, $1,170,000 is budgeted for Technical Energy Analysis services. Through this RFP, EBCE staff expects to select the firms that can provide the majority of these services, while leaving over $400,000 for other needs that have not been explicitly identified yet. If EBCE staff finds that some portion of this $400,000 is needed to support the work of vendors selected through this RFP, EBCE staff will seek Board approval to increase the total value of the Master Service Agreements.

Responses to technical areas 3.3 and 3.5 were due June 28, 2018, while responses to technical areas 3.2 and 3.4 are due July 16, 2018. The rationale for separating the responses for the technical areas was to provide staff the ability to initially focus on reviewing bids and interviewing bidders in the two technical areas where staff expects to need technical assistance (3.3: Portfolio Management and 3.5: Technical Energy Regulatory Analysis) in the next three months. Staff expects to review bids in response 3.2: Power Procurement Services and 3.4: Energy Risk Management and Analysis in July and August.

EBCE received bids from twelve vendors. Nine vendors bid into both technical area 3.3 and 3.5, while three vendors only bid into technical area 3.5. EBCE staff reviewed each of the proposals, shortlisted the bids and interviewed a subset based on the technical evaluation criteria in the RFP and EBCEs Special Procurement Preferences.

Discussion

On June 14, 2018, EBCE issued an RFP for technical energy services. Twelve bidders responded to the RFP. Each bid was evaluated on the basis of competency to perform scope of work, best fit, price competitiveness, and EBCE’s special procurement preferences. Each of the proposals was reviewed by EBCE Staff. Bidders with demonstrated expertise in either technical area 3.3 or 3.5 were invited to interview. Five bidders were interviewed in response to technical area 3.3 - Portfolio Management and eight bidders were interviewed in response to technical area 3.5 - Technical Energy Regulatory Analysis. In technical area 3.3, EBCE staff is recommending selection and contracting with the two highest scoring bidders. In technical area 3.5, EBCE staff is recommending selection and contracting with the four highest scoring bidders.

Below is a table showing the scores of the bidders proposed for selection (out of 100). All bidders were scored based on the framework detailed in the RFP, which included EBCE Special Procurement Preferences related to Alameda County, Union and WMDV-LGBT owned businesses.

<table>
<thead>
<tr>
<th>Portfolio Management Bidder Ranking</th>
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<tr>
<td>E3</td>
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<tr>
<td>Total</td>
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Item 6
### Table 3 - Technical Energy Regulatory Analysis Bidder Ranking

<table>
<thead>
<tr>
<th></th>
<th>MRW</th>
<th>E3</th>
<th>Hanover</th>
<th>Advisian/Navigant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>89.25</td>
<td>82</td>
<td>73</td>
<td>82</td>
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### Table 4 - Overview of Technical Analysis Firms

**Portfolio Management Vendors:**

**Energy and Environmental Economics (E3):**  
Founded in 1989, E3 is a San Francisco, California-based consultancy dedicated to analysis of the electricity sector. E3's areas of expertise include procurement cost and risk management, energy and capacity price forecasting, integrated resource planning, avoided cost quantification, cost of service analysis, rate design, distributed energy resources, transportation electrification, and regulatory support. E3 complements its comprehensive knowledge of electricity sector policy and regulation with state-of-the-art quantitative analysis techniques, as demonstrated by its software development and extensive publications in scholarly journals.

E3 serves entities in both the public and private sectors, delivering technical, policy, and market analysis. Our client base spans municipalities, government agencies, utilities, developers, investors, technology companies, transmission owners, regulators, and policy makers, enabling us to bring a 360-degree perspective to every engagement. Our deep understanding of the policy landscape and regulatory institutions informs the models we develop and helps illuminate for our clients the key issues driving profitability of their businesses. In turn, our advisory services are grounded in insights derived from our technical analysis. We are committed to delivering clear, unbiased analyses that help clients make informed decisions. The insights gained through our diverse projects uniquely position E3 to combine our robust analytics practice with our intimate knowledge of policy and potential future regulatory outcomes to support all aspects of EBCE’s resource planning, portfolio and risk management, and regulatory compliance and analysis.

E3 has successfully translated our deep energy expertise into meeting the needs of CCAs. We have assisted East Bay Clean Energy with integrated resource planning and supported them and Peninsula Clean Energy on procurement. We were recently selected to provide a range of support services to San Jose Clean Energy and Clean Power Alliance. In our engagements with CCAs E3 consultants have both delivered finished products to clients and provided tools and training to enable them to develop portfolios, plans and regulatory filings independently.

**Energy GPS:**  
Energy GPS LLC (Energy GPS or EGPS) was formed in 2009 with the goal of providing analysis and insights to energy developers, investors, asset owners, and traders. Our consulting practice focuses on the North American electricity, natural gas, and environmental markets and offers clients access to data mining, analytical capability, and a breadth of energy experience. These skills and experience enable EGPS to synthesize vast amounts of information and concisely articulate factors and trends into the information and insight that clients need for their business. EGPS consulting is staffed with former energy traders and
renewable power marketing professionals that bring real-world experience to the analysis. This real-world experience enables EGPS staff to provide market as well as commercial contractual negotiation insight that can help support the insight provided that drives client decisions and actions. Typically, EGPS clients need one or more of the following questions answered:

- Valuation: What is a particular asset worth? What are the key drivers of value?
- Risk: What are the major risks associated with an asset? How can those risks be quantified and mitigated?
- Marketing: What drives market demand for an asset? What are the most beneficial deal structures? What is the best transmission or transportation strategy for getting product to market? What contractual terms support the commercial structure to derive value?
- Regulatory: What is the best way to operate an asset given the existing market rules and regulatory environment? How will potential changes in regulations impact an asset or a business?

Technical Energy Regulatory Analysis:

MRW Associates (ALAMEDA COUNTY BASED FIRM): MRW Associates, LLC is internationally recognized for its broad expertise in electric power and fuel markets. We combine an in-depth knowledge of these markets with rigorous economic and technical analysis to help our clients assess market opportunities, develop business strategies, and address regulatory issues.

MRW offers its clients a comprehensive portfolio of consulting services in the areas of power market analysis, regulatory and litigation support, natural gas market analysis, and retail market support. Because we maintain a singular focus on the energy industry, our industry expertise is both deeper and broader than many other consulting firms. We understand the strategic implications of evolving regulatory models, emerging technologies, and changing market dynamics and we put this knowledge to use to serve our clients’ interests. Practical research, qualitative and quantitative analysis, and industry expertise underpin all of MRW’s work and ensure that our client recommendations are sound.

Established in Oakland, California in 1986, MRW early-on built a solid reputation for delivering local insights on power and fuel markets in the western United States as well as intervening successfully in legislative and regulatory proceedings on our clients’ behalf. Over this time, MRW has been involved in landmark developments such as the emergence of the independent power industry and the deregulation of California’s electricity and natural gas industries.

Today, MRW continues to deliver high quality, superior market insights, analysis, and client support on a national and international level. The company has undertaken engagements in more than twenty different states, including nearly every state in the western U.S. Internationally, MRW has advised clients on projects in Argentina, Bolivia, Canada, China, India, Indonesia, Korea, Mexico, and Vietnam.

Our client base includes major financial institutions, private power developers, power marketers, municipalities, Fortune 500 industrial companies, commercial end-users, natural gas pipelines and storage service providers, regulatory agencies, and other strategic players in the energy sector. MRW’s team of professionals, with an average of ten
years of industry experience, include specialists in power market modeling, financial analysis, regulatory processes, utility rate design, legislative analysis, commodity procurement, energy use analysis, contract negotiations, transmission planning and pricing, and strategic planning.

Energy and Environmental Economics (E3): DESCRIBED ABOVE

Hanover Strategic Advisors:
Hanover Strategy Advisors is a trusted advisor to utilities, generators, marketers, large users and financial institutions on energy strategy, financial, market and regulatory issues. We serve clients in the areas of: Regulatory and Commercial Advisory, Commodity Risk Management, Portfolio Management, Business Strategy and Market Assessment. During the last year, our focus has been on California Community Choice Aggregation work for the California Community Choice Association (CalCCA) along with work for California and ERCOT generation owners and developers. Our broader client list includes various energy infrastructure investors and lenders, utilities and generators, marketing and trading organizations, commercial and industrial energy consumers, and public power, water and aggregation agencies throughout the US. Specific client engagements have included serving as a strategy and commercial advisor in the areas of power sales and portfolio risk management, fuel procurement, ISO/RTO operations, commercial contracting, asset valuation, hedging and forecasting. Example clients include: CalCCA, Diamond Generating, Oregon Clean Energy, Buckeye Power, Transatlantic Power Holdings, San Diego County Water Authority, Sonoma Clean Power and Ellison, Schneider & Harris.

Advisian/Navigant Consulting:
With more than 500 consultants, Navigant’s Global Energy Practice is the largest energy management consulting team in the industry. Our team of experienced professionals serves leading energy companies to address their most complex business opportunities and challenges.
We collaborate with utilities, government, investors, manufacturers, oil and gas companies, and major corporations to help them thrive in the rapidly changing energy environment. Our professionals combine market insights and business strategy knowledge with exceptional energy operational experience to deliver technically and financially viable solutions.
Navigant’s energy industry clients include the world’s 50 largest electric, water, and gas utilities, the 20 largest independent power generators, and the 20 largest gas distribution and pipeline companies. Our seasoned professionals and highly skilled specialists form exceptional teams that formulate the right strategies for each client’s unique challenges and opportunities.
We help clients build, manage, and protect their future by:

- Building capabilities and innovative solutions that advance and transform their businesses
- Managing complexity and removing barriers to accelerate operational performance
- Protecting their business from adversity by meeting compliance requirements, keeping assets secure, and vigilantly managing risks
Based on EBCE staff scoring of the proposals and interviews, staff is recommending the selection of two vendors to provide Portfolio Management Services and four vendors to provide Technical Energy Regulatory Services, as indicated in Table 1.

EBCE staff is seeking approval to negotiate Master Service Agreements with each of these vendors for one-year terms with a total value of all Master Service Agreements not to exceed $700,000. As specific technical analytic needs arise, EBCE staff plans to issue task orders to one or more of the enabled vendors. Selection of a vendor to provide a specific task order will be based on qualifications, availability and cost. Where practicable, EBCE staff will ask multiple enabled vendors to provide firm price quotes for task orders.

EBCE staff expects to interview additional bidders who have responded to technical areas 3.2 - Procurement Support and 3.4 - Energy Risk Management and Analysis after the bid period closes on July 16.

**Attachments**

A. Resolution Authorizing the CEO to negotiate and execute agreements for Technical Energy Services;
B. Technical Energy Services RFP; and
C. Technical Energy Services Key Personnel
RESOLUTION NO. R-2018-28
A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EAST BAY COMMUNITY ENERGY AUTHORITY
AUTHORIZING THE CEO TO NEGOTIATE AND EXECUTE AGREEMENTS
FOR TECHNICAL ENERGY SERVICES

THE BOARD OF DIRECTORS OF THE EAST BAY COMMUNITY ENERGY AUTHORITY DOES HEREBY FIND, RESOLVE AND ORDER AS FOLLOWS:

Section 1. The East Bay Community Energy Authority ("EBCE") was formed on December 1, 2016, under the Joint Exercise of Power Act, California Government Code sections 6500 et seq., among the County of Alameda, and the Cities of Albany, Berkeley, Dublin, Emeryville, Fremont, Hayward, Livermore, Piedmont, Oakland, San Leandro, and Union City to study, promote, develop, conduct, operate, and manage energy and energy-related climate change programs in all of the member jurisdictions.

Section 2. On June 14, 2018, EBCE solicited bids for technical energy services in the areas of portfolio management vendors and technical energy regulatory analysis. EBCE received a total of 12 proposals for these two areas of work. All bids were scored, and the top five bidders were interviewed for portfolio management and the top eight bidders were interviewed for technical energy regulatory analysis.

Section 3. The Board hereby authorizes selection of the following portfolio management vendors: Energy and Environmental Economics and Energy GPS.

Section 4. The Board hereby authorizes selection of the following technical energy regulatory analysis vendors: MRW Associates, Energy and Environmental Economics, Hanover Strategic Advisors, and Navigant Consulting.

Section 5. The Board hereby authorizes the Chief Executive Officer, or his/her designee, to negotiate and execute master services agreements with each of the vendors listed in Sections 3 and 4, for one-year terms with the combined compensation for all master service agreements not to exceed $700,000.

ADOPTED AND APPROVED this 18th day of July 2018.

Scott Haggerty, Chair

ATTEST:

Stephanie Cabrera, Clerk of the Board
REQUEST FOR PROPOSAL

For

East Bay Community Energy Authority
Technical Energy Services

RESPONSES TO TECHNICAL AREAS 3.3 – Portfolio Management & 3.5 – Technical Energy Regulatory Analysis DUE by 5:00 p.m. on June 28, 2018

RESPONSES TO TECHNICAL AREAS 3.2 – Power Procurement Support & 3.4 – Energy Risk Management DUE by 5:00 p.m. on July 16, 2018

For complete information regarding this project, see RFP posted at ebce.org or contact the EBCE representative listed below. Thank you for your interest!

Nick Chaset, Chief Executive Officer, EBCE
(510) 807-7440
NChaset@ebce.org
STATEMENT OF WORK

East Bay Community Energy is seeking proposals from qualified consultants or firms (“Consultant”) to provide technical energy consulting services for East Bay Community Energy. The proposing Consultants shall have relevant expertise, experience, and an approach that demonstrates their ability to provide the required services. The successful consultants will assist with these technical areas listed below:

- Power Procurement
- Portfolio Management Services
- Energy Risk Management and Analysis
- Technical Energy Regulatory Analysis

EBCE intends to award multiple on-call master consultant agreements based upon the highest-ranked scores. EBCE may seek to award master consultant agreements to vendors for specific technical areas over time from the list of respondents to this RFP. As an example, this means that EBCE may first award one or more master consultant agreements for the portfolio management and energy risk management technical areas in July and may seek to award one or more master consultant agreements for power procurement and technical energy regulatory analysis in September. The aggregate value of awards under these master consultant agreements shall not exceed $700,000 during the 2018-2019 EBCE fiscal year.

Proven track record of completing project deliverables within a timely manner and within budget.

Consultants may submit qualifications in response to this RFP for one or more of the above-mentioned technical areas. If submitting qualifications for multiple technical areas, consultants must submit the qualifications as one packet, clearly identifying which technical areas they are submitting qualifications for.

1. BACKGROUND

Prior to the formation of the EBCE in late 2016, the County of Alameda (County) completed a technical study concluding that Community Choice Aggregation can meet the County’s threshold environmental and economic goals including competitive electric rates, greenhouse gas reductions, higher renewable content than the incumbent utility, and local economic benefits. In December 2016, the County and eleven (11) cities within Alameda County entered into a Joint Powers Agreement, forming the EBCE Authority. EBCE is governed by a Board of directors consisting of elected representatives from each member jurisdiction and their alternates. The Chief Executive Officer administers the day-to-day affairs of the Agency.
At full implementation, EBCE will serve the electric needs of nearly 600,000 residential, municipal and business accounts in partnership with Pacific Gas & Electric. The program will enroll customers in two phases, the phase for commercial and municipal customers commenced in June and the residential phase is anticipated to commence serving customers in November 2018. It is anticipated that at full implementation, EBCE will yield annual revenues in excess of $500 million.

Additional information, including a detailed technical analysis and Implementation Plan, is available on the EBCE website at www.ebce.org.

2. TERM OF AGREEMENT AND MAXIMUM VALUE

The initial term of the Agreement(s) will be for one year. EBCE reserves the right to extend the agreement(s) for two additional, one-year terms for a total of three years. The maximum aggregate value of these agreements shall not exceed $700,000 for the first year. The maximum contract of any subsequent contracts shall be determined at a later date. EBCE may elect to award master service agreements with respondents to the RFP for technical areas over time. For example, EBCE may recommend the selection of one or more bidder for Portfolio Management Services in July and may elect to select bidders for other technical areas at a later date.

3. STATEMENT OF REQUIREMENTS

3.1. The successful proposal submittal(s) must demonstrate that the Consultant has the appropriate professional and technical background as well as access to adequate resources to fulfill the stated scope of work.

The selected consultant(s) will provide EBCE with technical assistance and knowledge related to at least two of the three areas defined below. EBCE expects to award several contracts to ensure it has expertise in all these areas:

3.2. Power Procurement Services, including but not limited to:

- Nomination, bidding, management, and acquisition of Congestion Revenue Rights (CRR’s);
- Power Procurement Analysis, including:
  - Bid evaluation for short-term and long-term transacting of energy
  - Resource Adequacy
  - Capacity
  - Other related services and products
- Distributed Energy Resource forecasting, valuation, net-load analysis and wholesale bidding strategy
3.3. Portfolio Management Services, including but not limited to:
- Development of load, resource, and price forecasts;
- Short-term and long-term resource planning and portfolio optimization;
- Power Content and Portfolio Analysis including evaluation of renewable energy products and technologies and associated renewable content and greenhouse gas (GHG) emission factors.
- On-going support related to EBCE’s Integrated Resource Planning

3.4. Energy Risk Management and Analysis, including but not limited to:
- Credit and transaction mark to market reporting and analysis;
- Value at risk analysis and portfolio monitoring;
- Development and evaluation of risk management policies and regulations;
- Development of Counterparty credit assessments and policies; and
- Reporting and market analysis; and
- Support to continue to refine and update Energy Risk Management policies; and
- On-going technical support to Risk Oversight Committee and Board of Directors

3.5. Technical Energy Regulatory Analysis, including but not limited to:
- Assessment of impact of changes to Power Charge Indifference Adjustment of EBCE procurement strategy and current positions;
- Assessment of Energy Resource Recovery Account filings and forecasting of PG&E rates; and
- Assessment to CAISO and CPUC Resource Adequacy filings on EBCE positions.

The tasks requested for an individual project will be authorized through separate Service Orders prepared prior to the start of work, which will also include the time limit within which such services must be completed and the compensation for such services. Consultant shall not perform any services unless authorized by a fully executed Service Order.

4. QUALIFICATIONS

4.1. Minimum Qualifications
- 10 years of experience with California energy markets, including CAISO market operations and regulations applicable to Community Energy Programs
- 10 years of experience in power procurement and portfolio management services
- 10 Years of experience in the development and evaluation of risk management policies and regulations
4.2. Desirable Qualifications

- Desirable experience, knowledge, and skills may include, but are not limited to the following:
  - Experience with electricity load forecasting and data analysis.
  - Experience in Risk management and energy portfolio management.
  - Knowledge of the Community Energy formation process in California, and knowledge of California laws and regulations governing Community Energy programs.
  - Experience in evaluating bids for power including: financial and economic analysis and modelling, and analysis of energy demand.
  - Knowledge of California energy compliance reporting.

5. CONSULTANT SERVICES

5.1. Consultant Selection and Shortlists

- EBCE intends to award multiple on-call master consultant agreements based upon the highest-ranked score for each technical area described in Section 4. The selected consultants shall comprise a shortlist of available, on-call consultants.

5.2. Initiating and Responding to Service Orders

- To initiate a Service Order, EBCE will create a Service Order Request detailing the specific project duties, tasks and deliverables and a desired timeframe for completion. Service Order Requests will be forwarded via email to one or more Consultant who will respond within 3 business days of the request with a response that confirms their ability to complete the assignment in the requested timeframe, their proposed approach and the costs associated with their proposed approach based on the staff rates included in their contract, and their expertise and experience in completing similar work.
- There is no guarantee that any or a minimum number of Service Orders will be issued to any Consultant.

6. PROPOSED CALENDAR OF EVENTS

<table>
<thead>
<tr>
<th>Action</th>
<th>Date</th>
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<tbody>
<tr>
<td>1. Issuance of RFP</td>
<td>June 14, 2018</td>
</tr>
<tr>
<td>2. Deadline to submit proposals in response to technical areas 3.3 and 3.5</td>
<td>June 28, 2018</td>
</tr>
<tr>
<td>3. Proposal Evaluation</td>
<td>July 2-6</td>
</tr>
</tbody>
</table>
4. Finalist selection/interviews If needed | July 9-11
5. Deadline to submit proposals in response to technical areas 3.2 and 3.4 | July 16
6. Award of Master Service Agreements by Board of Directors for technical areas 3.3 and 3.5 | July 18, 2018
7. Award of additional Master Service Agreements by Board of Directors for technical areas 3.2 and 3.4 | September 19, 2018

7. PROCEDURES, TERMS, AND CONDITIONS

GENERAL

Incurring Cost
This RFP does not commit EBCE to award or pay any cost incurred in the submission of the proposal, or in making necessary studies or designs for the preparation thereof, nor procure or contract for services or supplies. Further, no reimbursable cost may be incurred in anticipation of a contract award.

Claims Against EBCE
Neither your organization nor any of your representatives will have any claims whatsoever against EBCE or any of its respective officials, agents, or employees arising out of or relating to this RFP or these RFP procedures, except as set forth in the terms of a definitive agreement between EBCE and your organization.

Guarantee of Proposal
Responses to this RFP, including proposal prices, will be considered firm and irrevocable for one hundred eighty (180) days after the due date for receipt of proposals.

Basis for Proposal
Only information supplied by EBCE in writing by the Contact in connection with this RFP should be used as the basis for the preparation of Contractor’s proposal.

Form of Proposals
Proposals must be submitted electronically by e-mail.

Amended Proposals
Bidders may submit amended proposals before the Deadline to Submit Proposals. Such amended proposals must be complete replacements for previously submitted proposals and must be clearly identified in a written format. The Contact will not merge, collate, or assemble proposal materials.

Withdrawal of Proposal
Bidders may withdraw their proposals at any time prior to the Deadline to Submit Proposals. The Contractor must submit a written withdrawal request signed by the Contractor’s duly authorized representative addressed to and submitted to the Contact.

**Late Responses**

To be considered, proposals must be received electronically by email by June 28, 2018, 5:00 PM PST for bidders responding to technical areas 3.3 and 3.5. Proposals for technical areas 3.2 and 3.4 must be received electronically by email by July 16, 2018, 5:00 PM PST.

**California Public Records Act (CPRA)**

All proposals become the property of EBCE, which is a public agency subject to the disclosure requirements of the California Public Records Act (“CPRA”). If Contractor proprietary information is contained in documents submitted to EBCE, and Contractor claims that such information falls within one or more CPRA exemptions, Contractor must clearly mark such information “CONFIDENTIAL AND PROPRIETARY,” and identify the specific lines containing the information. In the event of a request for such information, EBCE will make best efforts to provide notice to Contractor prior to such disclosure. If Contractor contends that any documents are exempt from the CPRA and wishes to prevent disclosure, it is required to obtain a protective order, injunctive relief, or other appropriate remedy from a court of law in Alameda County, before EBCE’s deadline for responding to the CPRA request. If Contractor fails to obtain such remedy within EBCE’s deadline for responding to the CPRA request, EBCE may disclose the requested information.

Contractor further agrees that it shall defend, indemnify, and hold EBCE or its agents, harmless against any claim, action, or litigation (including, but not limited to, all judgments, costs, fees, and attorney’s fees) that may result from EBCE’s assertion of an exemption or privilege as a basis for withholding any information marked confidential by the Contractor.

DO NOT MARK YOUR ENTIRE BID CONFIDENTIAL. ONLY MARK THOSE PAGES THAT YOU BELIEVE CONTAIN PROPRIETARY INFORMATION.

**Confidentiality**

All data and information obtained from or on behalf of EBCE by the Contractor and its agents in this RFP process, including reports, recommendations, specifications, and data, shall be treated by the Contractor and its agents as confidential. The Contractor and its agents shall not disclose or communicate this information to a third party or use it in advertising, publicity, propaganda, or in another job or jobs, unless written consent is obtained from EBCE.

Generally, each proposal and all documentation, including financial information, submitted by a Contractor to EBCE is confidential until a contract is awarded, when such documents become public record under State and local law, unless exempted under CPRA.
**Electronic Mail Address**

Most of the communication regarding this procurement will be conducted by electronic mail (e-mail). Potential Bidders agree to provide the Contact with a valid e-mail address to receive this communication.

**EBCE Rights**

EBCE and its Contact reserve the right to do any of the following at any time:

a. Reject any or all proposal(s), without indicating any reason for such rejection;
b. Waive or correct any minor or inadvertent defect, irregularity, or technical error in a proposal or the RFP process, or as part of any subsequent contract negotiation;
c. Request that Bidders supplement or modify all or certain aspects of their proposals or other documents or materials submitted;
d. Terminate the RFP, and at its option, issue a new RFP;
e. Procure any equipment or services specified in this RFP by other means;
f. Modify the selection process, the specifications or requirements for materials or services, or the contents or format of the proposals;
g. Extend a deadline specified in this RFP, including deadlines for accepting proposals;
h. Negotiate with any or none of the Bidders;
i. Modify in the final agreement any terms and/or conditions described in this RFP;
j. Terminate failed negotiations with any Contractor without liability, and negotiate with other Contractor(s);
k. Disqualify any Contractor on the basis of a real or apparent conflict of interest, or evidence of collusion that is disclosed by the proposal or other data available to EBCE;
l. Eliminate, reject, or disqualify a proposal of any Contractor who is not a responsible Contractor or fails to submit a responsive offer as determined solely by EBCE or its representative; or
m. Accept all or a portion of a Contractor’s proposal.

**EVALUATION CRITERIA**

Evaluations will be based upon the information provided in the proposals and such other information requested by Contact or EBCE, or as deemed appropriate by EBCE. Proposals must provide clear, concise information and sufficient detail to enable reviewers/evaluators to evaluate the responsiveness and quality of the proposals to all RFP requirements. Evaluators will also review the proposals for format to ensure conformance with the RFP requirements. Proposals that fail to meet RFP requirements could be rejected. The Contact or EBCE may waive minor irregularities in proposals if doing so would be in the best interest of EBCE. Evaluators may recommend discontinuing evaluation of any proposal that is considered not in compliance with the RFP requirements.
The review/evaluation team will select the proposal that offers the greatest value to EBCE based on an analysis of the following criteria:

<table>
<thead>
<tr>
<th>Technical Evaluation Criteria</th>
<th>Points</th>
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<tbody>
<tr>
<td><strong>1. Understanding of the scope of work required by EBCE</strong></td>
<td>25</td>
</tr>
<tr>
<td>• Quality, clarity and responsiveness of the proposal</td>
<td></td>
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<tr>
<td>• Proposed approach in providing services</td>
<td></td>
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<tr>
<td><strong>2. Contractor’s capabilities</strong></td>
<td>25</td>
</tr>
<tr>
<td>• Ability to provide required services</td>
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<tr>
<td>• Experience in CAISO</td>
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<tr>
<td>• Reliability and quality of client service</td>
<td></td>
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<tr>
<td>• Commitment to EBCE’s mission, goals and positive legislative outcomes</td>
<td></td>
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<tr>
<td><strong>3. Management, personnel, and experience</strong></td>
<td>25</td>
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<tr>
<td>• Demonstrated competence and professional qualifications necessary for successfully performing the work required by EBCE</td>
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<tr>
<td>• Recent experience in successfully performing similar services</td>
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<tr>
<td>• Background and related experience of the specific individuals to be assigned to this account</td>
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<tr>
<td>• Information provided by Contractor’s References</td>
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<tr>
<td><strong>4. Cost</strong></td>
<td>25</td>
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<td><strong>TOTAL</strong></td>
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As reflected in the Evaluation Criteria, contract award will not be based solely on cost, but on a combination of factors as determined to be in the best interest of EBCE. EBCE will not be bound to award the contract(s) based solely on the lowest bid submitted. After evaluating the proposals and discussing them further with the Finalists or the tentatively selected Contractor(s), EBCE reserves the right to further negotiate the proposed work and/or method and amount of compensation.

In addition to these technical evaluation criteria, EBCE will also consider a set of Special Procurement Preferences. EBCE seeks to support companies and contractors that reflect its values, and has identified three vendor/contractor categories that shall be given special consideration during bid evaluation and selection. In competitive solicitations, these categories shall receive bonus percentages/points ranging from 2.5% - 5% for a maximum bonus total of 10% in a bid scoring process. These preferences will be applied to bids after the technical evaluation has been completed.

**Alameda County Preference**: EBCE desires to support Alameda County businesses where possible. Businesses with office(s) located in Alameda County and including at least 25%
Alameda County residents under their employment shall receive a bonus equal to 5% or 5 points out of a 100-point scoring system in competitive solicitations.

**Union Labor Preference**: EBCE desires to support the use of union labor where possible. EBCE shall make its best effort to work with unionized contractors and subcontractors in the provision of goods and services to EBCE. Businesses who use union labor and/or unionized contractors shall receive a bonus equal to 2.5% or 2.5 points out of a 100-point scoring system in competitive solicitations.

**Other Preferences**: EBCE desires to support diversity among its contractors and vendors by working with women, minority, disabled veteran, and lesbian, gay, bisexual, and transgender-owned businesses. Businesses owned and operated by a person representing one or more of these categories shall receive a bonus equal to 2.5% or 2.5 points out of a 100-point scoring system in competitive solicitations.

**Ethical Vendor Standards**: EBCE is committed to the highest standards of responsible behavior and integrity in all of its business relationships. EBCE will consider a company’s business practices, environmental track record, and commitment to fair employment practices and compensation in its procurement decisions.

**INSTRUCTIONS TO BIDDERS**

**EBCE CONTACT**

The evaluation phase of the competitive process will begin upon receipt of bids until a contract has been awarded. Bidders must not have any contact with EBCE personnel or not lobby evaluators or any member of the staff or Board of Directors during the evaluation process. Any communications outside of the procedures set forth in this RFP may result in disqualification of bidder.

All questions regarding these specifications, terms and conditions are to be submitted in writing, via e-mail, by 5:00 p.m. PST on Monday, June 25, 2018 to:

Nick Chaset  
East Bay Community Energy  
E-Mail: nchaset@ebce.org
The EBCE website will be the official notification posting place of all Requests for Interest, Proposals, Quotes and Addenda. Go to http://www.ebce.org to view current contracting opportunities.

SUBMITTAL OF PROPOSALS

All bids responding to technical areas 3.3 – Portfolio Management and 3.5 – Technical Energy Regulatory Analysis must be received at East Bay Community Energy by 5:00 p.m. on June 28, 2018. All bids responding to technical areas of 3.2 – Power Procurement Support and 3.4 – Energy Risk Management must be received at East Bay Community Energy by 5:00 p.m. on July 16, 2018.

Bids will be received only at the addresses shown below any bid received after that time and date or at a place other than the stated address will not be considered and will be returned to the bidder unopened. **Electronic bids must be submitted in a non-alterable format such as a .pdf.**

1. Bidders **must** submit an electronic copy of their proposal via email to the following:
   a. Nick Chaset, Chief Executive Officer, EBCE: Nchaset@ebce.org
2. Bidders are responsible for all of their costs required for the preparation and submission of a bid.
3. Only one bid response will be accepted from any one person, partnership, corporation, or other entity; however, several alternatives may be included in one response. For purposes of this requirement, “partnership” means, and is limited to, a legal partnership formed under one or more of the provisions of the California or other state’s Corporations Code or an equivalent statute.
4. All other information regarding the bid responses will be held as confidential until the Review Committee has completed its evaluation, a recommended award has been made by the EBCE Board of Directors, and the contract has been fully negotiated.
5. California Government Code Section 4552: In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2, commencing with Section 16700, of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder.
6. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms “claim” and “knowingly” are defined in the California False Claims Act, Cal. Gov. Code, §12650 et seq.), EBCE will be entitled to civil
remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.

7. The undersigned Bidder certifies that it is, at the time of bidding, and throughout the period of the contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Bid Documents.

8. It is understood that EBCE reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of one-hundred and eighty (180) days, unless otherwise specified in the Bid Documents.

RESPONSE FORMAT

1. Bid responses are to be straightforward, clear, concise and specific to the information requested.

2. Bid responses, in whole or in part, are NOT to be marked confidential or proprietary. EBCE may refuse to consider any bid response or part thereof so marked. Bid responses submitted in response to this RFP may be subject to public disclosure. EBCE shall not be liable in any way for disclosure of any such records.
REQUIRED DOCUMENTATION AND SUBMITTALS

All of the specific documentation listed below is required to be submitted in order for a bid to be deemed complete. Bidders shall submit all documentation, in the order listed below and clearly label each section with the appropriate title (i.e. Table of Contents, Letter of Transmittal, Key Personnel, etc.).

☐ 1. **Table of Contents**: Bid responses shall include a table of contents listing the individual sections of the proposal/quotation and their corresponding page numbers. Tabs should separate each of the individual sections.

☐ 2. **Letter of Transmittal**: Bid responses shall include a description of Bidder’s capabilities and approach in providing its services to the EBCE, and provide a brief synopsis of the highlights of the Proposal and overall benefits of the Proposal to the EBCE. This synopsis should not exceed three pages in length and should be easily understood.

☐ 3. **Key Personnel**: Bid responses shall identify the lead contact and include a complete list of all key personnel associated with the RFP. This list must include all key personnel, and a description of their qualifications, who will provide services/training to EBCE staff and all key personnel who will provide maintenance and support services. For each person on the list, the following information shall be included:
   (a) The person’s relationship with Bidder, including job title and years of employment with Bidder;
   (b) The role that the person will play in connection with the RFP;
   (c) Address, telephone, fax numbers, and e-mail address;
   (d) Person’s educational background; and
   (e) Person’s relevant experience, certifications, and/or merits.

☐ 4. **Costs**: Bidder shall include bid costs in the following manner:
   a) Power Procurement: hourly rate for each of the service tasks by key personnel.
   b) Portfolio Management Services: hourly rate for each of the service tasks by key personnel.
   c) Energy Risk Management and Analysis: hourly rate for each of the service tasks by key personnel.
   d) Technical Energy Regulatory Analysis: hourly rate for each of the service tasks by key personnel.

☐ 5. **Overview of the Firm**
   (a) Provide a brief description of your firm.
References:
Bidders are to provide a list of current clients. References must be satisfactory as deemed solely by responsible EBCE staff. References should have similar scope, volume and requirements to those outlined in these specifications, terms and conditions.

Bidders must verify the contact information for all references provided is current and valid.

Bidders are encouraged to notify all references that responsible EBCE staff may be contacting them to obtain a reference.

EBCE staff may contact some or all of the references provided in order to determine Bidder’s performance record on work similar to that described in this request. EBCE staff reserves the right to contact references other than those provided in the Response and to use the information gained from them in the evaluation process.

☐ (a) Exceptions, Clarifications, Amendments, and Requests for Waivers:
(1) This shall include clarifications, exceptions, amendments, and requests for waivers, if any, to the RFP requirements and associated Bid Documents
(2) EBCE IS UNDER NO OBLIGATION TO ACCEPT ANY EXCEPTIONS, AND SUCH EXCEPTIONS MAY BE A BASIS FOR BID DISQUALIFICATION.

CURRENT REFERENCES

East Bay Community Energy Authority: Technical Energy Services for Community Choice Aggregation

Bidder Name: ________________________________

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Exhibit 1 Form Consulting Services Agreement for
______________________ Services By And Between East Bay Community Energy Authority
and

This Consulting Services Agreement (“Agreement”) is made this _____ day of ________,
201_ (“Effective Date”) by and between East Bay Community Energy Authority, a joint powers
authority formed under the laws of the State of California (“EBCE”) and __________________,
a _____________________ (“Consultant”) for the purpose of providing ___________________
services to EBCE.

Section 1. Recitals

1.1 The Authority is an independent joint powers authority duly organized under the
provisions of the Joint Exercise of Powers Act of the State of California (Government Code
Section 6500 et seq.) (“Act”) with the power to conduct its business and enter into agreements.

1.2 Consultant possesses the skill, experience, ability, background, certification and
knowledge to provide the services described in this Agreement pursuant to the terms and
conditions described herein.

NOW THEREFORE, for good and valuable consideration, the amount and sufficiency of
which is hereby acknowledged, the Parties to this Agreement, agree as follows:

Section 2. Term

The term of this Agreement is from the Effective Date of this Agreement through
______________, unless terminated earlier pursuant to Section 8.

Section 3. Scope of Work/Compliance with Laws and Regulations

3.1 Consultant agrees to perform the scope of work (the “Work”) in Exhibit A in accordance
with the compliance schedule in Exhibit B.

3.2 Consultant represents and warrants that it has the skill and expertise to perform the
Work. Consultant agrees to obtain any and all necessary licenses, approvals or permits
necessary to perform the Work.

3.3 Consultant and its Subconsultants must comply with all federal, state and local laws and
regulations in performing the Work under this Agreement.
Section 4. Consultant Staffing

Exhibit C contains a list of Consultant’s project manager and all team members. Consultant will not change or substitute the project manager or any team members or add additional team members without EBCE’s advanced consent.

Section 5. Subconsultants

5.1 Consultant agrees to use only those Subconsultants listed on Exhibit D. Any changes to Exhibit D to add or remove a Subconsultant must be approved by EBCE in advance, in its sole and absolute discretion.

5.2 Consultant agrees to require all Subconsultants to comply with the terms of this Agreement, including without limitation, maintaining insurance in compliance with the insurance obligations under Section 9, the Confidentiality requirements under Section 11 and indemnifying EBCE under Section 12.

Section 6. Compensation and Payment

6.1 The maximum compensation under this Agreement is ________________.

6.2 If the Work under this Agreement is to be performed on a time and materials basis, Consultant must submit invoices to EBCE on a monthly basis complete with the name of the individual that conducted the Work, the time spent and a brief description of the tasks performed during that time. On all invoices, Consultant must include the total compensation left on the Agreement after deducting the amount of the invoice and must submit invoices to EBCE by the 20th of the month following the month in which Consultant performed the Work.

6.3 If the Work under this Agreement is to be performed on a task or project basis, the Consultant will submit an invoice within thirty (30) days of completing the project to the satisfaction of EBCE for full payment, unless other arrangements have been made.

6.4 EBCE will not agree to pay any markups on Subconsultant Services or supplies unless such markups are included in Exhibit E, Compensation/Budget and such markups were included in Consultant’s bid, if applicable.

6.5 The following are conditions on EBCE’s obligation to process any payments under this Agreement:

6.5.1 If the Consultant is a U.S. based person or entity, the Consultant must provide to EBCE a properly completed Internal Revenue Service Form W-9 before EBCE will process payment. If the Consultant is a U.S based person or entity, but has neither a permanent place of business in California nor is registered with the California Secretary of State to do business in California, the Consultant must provide EBCE with a properly completed California Franchise
Tax Board form related to nonresident withholding of California source income before EBCE will process payment.

6.5.2 If the Consultant is not a U.S. based person or entity, the Consultant must provide EBCE with the applicable Internal Revenue Service form related to its foreign status and a California Franchise Tax Board form related to nonresident withholding before EBCE will process payment.

6.6 EBCE agrees to pay invoices within forty-five (45) days of receipt. Invoices may be sent to EBCE by U.S. mail or electronic mail to Scabrera@EBCE.org. Invoices will be deemed received on the next business day following the date of transmission via electronic mail or three days after placement in the U.S. mail.

6.7 EBCE, as a Joint Powers Authority, is a separate public entity from its constituent members and will be solely responsible for all debts, obligations and liabilities accruing and arising out of this Agreement. Consultant acknowledges that it will have no rights and agrees not to make any claims, take any actions or assert any remedies against any of EBCE’s constituent members in connection with this Agreement.

Section 7. Records Retention and Ownership of Work Product

7.1 The Consultant must retain all ledgers, books of accounts, invoices, vouchers, cancelled checks, background materials, or other records relating to its performance under this Agreement for a period of three years following termination of this Agreement.

7.2 EBCE owns all rights, including without limitation, all licenses, copyrights, service marks and patents, in and to all Work Product(s), whether written or electronic, without restriction or limitation upon their use and immediately when and as created by the Consultant, any Subconsultants, or any other person engaged directly or indirectly by the Consultant to perform under this Agreement. Work Product(s) includes, but is not limited to, all writings, reports, drawings, plans, data, video, media, photographs, renderings, plans, software, models, documents or other materials developed or discovered under this Agreement. All Work Product(s) will be considered “works made for hire.” And all Work Product(s) and any and all intellectual property rights arising from their creation will be and remain the property of EBCE without restriction or limitation upon their use, duplication or dissemination by EBCE. Consultant agrees not to obtain or attempt to obtain copyright protection in its own name for any Work Product.

Section 8. Termination
8.1 EBCE may terminate this Agreement for any reason by giving Consultant written notice. The termination notice may set the date of termination, but if no such date is given, termination is effective seven (7) days following the date of the written notice.

8.2 EBCE may terminate this Agreement immediately upon written notice for any material breach of this Agreement by Consultant or any of its Subconsultants. If EBCE terminates this Agreement for cause and obtains the same services from another consultant at a greater cost, the Consultant is responsible for such excess costs in addition to any other remedies available to EBCE.

8.3 Upon termination for any reason, EBCE has the option of requiring the Consultant to complete work up to the date of termination or to cease work immediately. EBCE has the further option to require Consultant to provide EBCE any finished or unfinished Work or Work Product prepared by the Consultant up to the date of termination.

8.4 EBCE will pay Consultant the reasonable value of services satisfactorily rendered by the Consultant to EBCE up to the date of written Notice of Termination. If EBCE authorizes Consultant to continue performing the Work through the date of termination, EBCE will pay Consultant the reasonable value of services satisfactorily rendered up through the date of termination, providing such services are in compliance with the Compensation/Budget in Exhibit E.

8.5 Upon termination of this Agreement, and at no cost to EBCE, Consultant, its Subconsultants and anyone working for EBCE under control of Consultant must return all Work Product to EBCE. Consultant may only retain copies of the Work Product by express written permission of EBCE.

Section 9. Insurance

9.1 Consultant must procure, maintain and comply with the insurance requirements in Exhibit F throughout the full Term of this Agreement. Consultant must provide proof of insurance either in the form of a certificate of insurance or, if requested by EBCE, a copy of the insurance policy, prior to performing any work under this Agreement.

9.2 Consultant agrees not to terminate any of the required insurance coverage during the term of this Agreement. Consultant must give EBCE ten (10) days written notice and obtain EBCE’s written approval prior to making any modifications in the insurance coverage.

9.3 Consultant must either include Subconsultants under its insurance policies or require each Subconsultant to comply with the insurance obligations in Exhibit F.

Section 10. No Discrimination or Conflict of Interest
10.1 Consultant represents and warrants, on behalf of itself and its Subconsultants, that it has not and will not discriminate against anyone based on his/her age, color religion, sex, sexual orientation, disability, race or national origin.

10.2 Consultant represents and warrants, on behalf of itself and its Subconsultants, that it is familiar with local, state and federal conflict of interest laws, that in entering into this Agreement it is not violating any of the conflict of interest laws, that it will avoid any conflicts of interest during the term of this Agreement, and that it will notify EBCE immediately if it identifies any conflicts of interest Consultant understands that violations of this Section 10 could result in immediate termination of this Agreement and disgorgement of compensation.

10.3 In accordance with the California Political Reform Act (Cal. Gov’t Code section 81000 et seq.), Consultant will cause each of the following people performing services under this Agreement to file a Form 700 within 30 days after the person begins performing services under this Agreement and subsequently in conformance with the requirements of the Political Reform Act by filing the original with the EBCE Clerk to the Board of Directors. Each of the identified positions must disclose interests in accordance with the EBCE Resolution-2018-7, Conflict of Interest Code as may be amended from time to time.

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Section 11. Confidentiality

11.1 Except as authorized by EBCE or as otherwise required by law, Consultant shall not disclose to any third party(ies) any draft or final Work Product, discussions or written correspondence between Consultant and its Subconsultants or discussions or written correspondence between Consultant and EBCE staff. In the event Consultant receives a request from any third party requesting disclosure of any Work Product, discussions, communications or any other information Consultant is prohibited from disclosing, Consultant will immediately notify EBCE and wait for direction from EBCE before disclosing the information.

11.2 For the purposes of this Section 11, “third parties” refers to any person or group other than EBCE staff and Board members. For example, “third parties” include community groups,
Section 11. Board advisory groups, other governmental agencies, other consultants or members of the community.

11.3 This Section 11 will survive the expiration or termination of this Agreement.

Section 12. Indemnity

12.1 Consultant agrees, at its sole cost and expense, to indemnify, defend, with counsel reasonably approved by EBCE, protect and hold harmless EBCE, its officers, directors, employees, agents, attorneys, designated volunteers, successors and assigns, and those EBCE agents serving as independent contractors in the role of EBCE staff (collectively “Indemnitees”) from and against any and all damages, costs, expenses, liabilities, claims, demands, causes of action, proceedings, penalties, judgments, liens and losses of whatever nature that arise, directly or indirectly, in whole or in part, out of or in any way related to Consultant’s or Subconsultant’s performance or failure to perform the Work under this Agreement, regardless of whether the Consultant or its Subconsultants acted or failed to act intentionally, willfully, recklessly or negligently. Consultant agrees that its indemnity and defense obligations include all costs and expenses, including all attorney fees, expert fees, mediation, arbitration, or court costs in connection with the defense. Consultant further agrees to indemnify, defend, protect and hold harmless Indemnitees from and against any breach of this Agreement and any infringement of patent rights, trade secret, trade name, copyright, trademark, service mark or any other proprietary right of any person(s) caused by EBCE’s use of any services, Work Product or other items provided by Consultant or its Subconsultants under this Agreement.

12.2 Consultant’s obligations in Subsection 11.1 do not apply to the extent any claim, loss, damage, injury, expense or liability that results from the sole negligence or willful misconduct of Indemnitees.

12.3 Consultant’s obligation to defend EBCE applies to the maximum extent allowed by law and includes defending Indemnitees as set forth in California Civil Code sections 2778 and 2782.8.

12.4 The Consultant’s obligations under Section 12 applies regardless of the existence or amount of insurance the Consultant carries or has made available to EBCE.

12.5 The Parties agree that this Section 12 survives the expiration or earlier termination of the Agreement.

Section 13. Consultant is an Independent Contractor

13.1 Consultant and its Subconsultant(s) are and at all times will be independent contractors. Consultant has complete control over its operations and employees and is not an agent or employee of the EBCE, and must not represent or act as the EBCE’s agent or employee.
Consultant agrees, on behalf of itself and its employees and Subconsultants, that it does not have any rights to retirement benefits or other benefits accruing to EBCE employees, and expressly waives any claim it may have to any such rights.

13.2 As an independent contractor, Consultant has complete control over its Subconsultants, Sub, suppliers, affiliates agents and any other person or entity with whom the Consultant contracts in furtherance of this Agreement (collectively “Subconsultants”). Subject to the requirements of Section 5 of this Agreement, Consultant is solely responsible for selecting, managing and compensating its Subconsultants, and for ensuring they comply with this Agreement.

Section 14. Miscellaneous Terms and Conditions

14.1 EBCE Authority.
The Chief Executive Officer or his/her designee is authorized to take all actions under this Agreement, including without limitation, amendments that fall within the Chief Executive Officer’s signing authority, termination or modification of terms.

14.2 Waiver.
Waiver by either party of any one or more conditions, Sections, provisions or performance of this Agreement will not be a waiver of any other provision; nor will failure to enforce a provision or Section in one instance waive the right to enforce such provision or Section in the future. In no event will payment by EBCE to Consultant constitute or be construed as a waiver by EBCE of any breach or default of this Agreement, nor will such payment prejudice any of EBCE’s other rights or remedies.

14.3 Governing Law.
Consultant and EBCE agree that this Agreement will be interpreted under the laws of the State of California.

14.4 Venue.
Any litigation resulting from this Agreement will be filed and resolved by a state court in Alameda County, California, or if appropriate, the federal courts in the Northern District of California located in San Francisco.

14.5 Audit Rights.
All records or documents required to be kept pursuant to this Agreement must be made available for audit at no cost to EBCE, at any time during regular business hours, upon written request by EBCE. Copies of such records or documents shall be provided to EBCE at EBCE’s offices unless an alternative location is mutually agreed upon.

14.6 Recitals and Exhibits.
The Recitals in Section 1 above are intentionally made a part of this Agreement. All Exhibits and any other documents incorporated by reference are a part of this Agreement.
14.7  Notices.
Any notices required to be given under this Agreement must be made in writing and may be delivered a) personally, in which case they are effective upon receipt; b) by U.S. Mail, in which case they are effective three (3) days following deposit in the U.S. Mail, unless accompanied by a return receipt in which case, they are effective upon the date on the receipt; or c) by electronic mail, in which case they are effective upon confirmation of receipt, and if no confirmation of receipt, they are effective one day after transmission, providing that a hard copy is also sent via U.S. mail. All notices must be sent to the addresses below:

EBCE  
Attn:  
C/o WeWork  
1111 Broadway, 3rd Floor  
Oakland, CA  94607  
Email:  
@ebce.org  
Phone:  

Consultant  
Attn:  
Email:  
Phone:  

14.8  Assignment.
Except to the extent this Agreement authorizes Consultant to use Subconsultants, Consultant will not assign any part of this Agreement without the EBCE’s prior written consent. EBCE, at its sole discretion, may void this Agreement if a violation of this provision occurs.

14.9  Integrated Agreement.
The Recitals, this Agreement and the Exhibits attached to this Agreement contain the complete understanding between EBCE and Consultant and supersedes any prior or contemporaneous negotiations, representations, agreements, understandings and statements, written or oral respecting the Work up through the Effective Date of this Agreement.

14.10  Amendments.
Any and all amendments or modifications to this Agreement must be made in writing and signed by each Party before such amendment will be effective.

Nothing in this Agreement waives the requirements to comply with the Governmental Claims Act, where applicable.
14.12 Severability.
If a court of competent jurisdiction holds any Section or part of this Agreement to be invalid or unenforceable for any reason and the Work can still be performed, the Parties agree to sever the invalid or unenforceable Section from this Agreement and that all remaining Sections or parts of this Agreement will continue to be enforceable.

IN WITNESS WHEREOF, the duly authorized representatives of the Parties have executed this Agreement on the dates below to be effective upon the Effective Date.

EBCE, a California Joint Powers Authority  

Nick Chaset, CEO  
By:  
Title:  
Date:  

By:  
Title:  
Date:  

Approved as to form:  

Leah S. Goldberg  
General Counsel
LIST OF EXHIBITS

EXHIBIT A: SCOPE OF WORK

EXHIBIT B: SCHEDULE

EXHIBIT C: CONSULTANT STAFFING

EXHIBIT D: SUBCONSULTANTS

EXHIBIT E: COMPENSATION/BUDGET

EXHIBIT F: INSURANCE REQUIREMENTS
EXHIBIT A
SCOPE OF WORK
EXHIBIT B
SCHEDULE
EXHIBIT D
SUBCONSULTANTS
EXHIBIT E
COMPENSATION/BUDGET
Exhibit F

INSURANCE REQUIREMENTS

A. Minimum Scope and Limits of Insurance. Consultant must procure and at all times during the term of this Agreement carry, maintain, and keep in full force and effect, insurance as follows:

1) Commercial General Liability Insurance with a minimum limit of One Million Dollars ($1,000,000.00) per occurrence for bodily injury, personal injury and property damage and a general aggregate limit of Two Million Dollars ($2,000,000.00) per project or location. If Consultant is a limited liability company, the commercial general liability coverage must be amended so that Consultant and its managers, affiliates, employees, agents and other persons necessary or incidental to its operation are insureds.

2) Automobile Liability Insurance for any owned, non-owned or hired vehicle used in connection with the performance of this Agreement with a combined single limit of One Million Dollars ($1,000,000.00) per accident for bodily injury and property damage. If Consultant does not use any owned, non-owned or hired vehicles in the performance of Services under this Agreement, Consultant must obtain a non-owned auto endorsement to the Commercial General Liability policy required under subparagraph A.1) of this Exhibit F.

3) Workers’ Compensation Insurance as required by the State of California and Employer’s Liability Insurance with a minimum limit of One Million Dollars ($1,000,000.00) per accident for bodily injury or disease. If Consultant has no employees while performing Services under this Agreement, workers’ compensation policy is not required, but Consultant must execute a declaration that it has no employees.

4) Professional Liability/Errors & Omissions Insurance with minimum limits of Two Million Dollars ($2,000,000.00) per claim and in aggregate.

B. Acceptability of Insurers. The insurance policies required under this Exhibit F must be issued by an insurer admitted to write insurance in the State of California with a rating of A:VII or better in the latest edition of the A.M. Best Insurance Rating Guide.

C. Additional Insured/Additional Named Insured. The automobile liability policies must contain an endorsement naming EBCE, its officers, employees, agents and volunteers as additional insureds. The commercial general liability policy must contain an endorsement naming EBCE, its officers, employees, agents and volunteers as additional named insureds.
D. **Primary and Non-Contributing.** The insurance policies required under this Agreement must apply on a primary non-contributing basis in relation to any other insurance or self-insurance available to EBCE. Any insurance or self-insurance maintained by EBCE, its officers, employees, agents or volunteers, will be in excess of Consultant’s insurance and will not contribute with it.

E. **Consultant’s Waiver of Subrogation.** The insurance policies required under this Agreement will not prohibit Consultant and Consultant’s employees, agents or Subconsultants from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against EBCE.

F. **Deductibles and Self-Insured Retentions.** Any deductibles or self-insured retentions must be declared to and approved by EBCE. At EBCE’s option, Consultant must either reduce or eliminate the deductibles or self-insured retentions with respect to EBCE, or Consultant must procure a bond guaranteeing payment of losses and expenses.

G. **Cancellations or Modifications to Coverage.** Consultant agrees not to cancel any insurance coverage during the Term. Consultant further agrees not to, reduce or otherwise modify the insurance policies required by this Agreement during the term of this Agreement, without the prior written approval of EBCE. The commercial general and automobile liability policies required under this Agreement must be endorsed to state that should the issuing insurer cancel the policy before the expiration date, the issuing insurer will endeavor to mail 30 days’ prior written notice to EBCE. If any insurance policy required under Agreement is canceled or reduced in coverage or limits, Consultant must, within two business days of notice from the insurer, phone and notify EBCE via electronic mail and certified mail, return receipt requested, of the cancellation of or reductions to any policy.

H. **EBCE Remedy for Noncompliance.** If Consultant does not maintain the policies of insurance required under this Agreement in full force and effect during the term of this Agreement, or in the event any of Consultant’s policies do not comply with the requirements of this Exhibit F, EBCE may either immediately terminate this Agreement or, if insurance is available at a reasonable cost, EBCE may, but has no duty to, take out the necessary insurance and pay, at Consultant’s expense, the premium thereon. Consultant must promptly reimburse EBCE for any premium paid by EBCE or EBCE, in its sole discretion, may withhold amounts sufficient to pay the premiums from payments due to Consultant.

I. **Evidence of Insurance.** Prior to the performance of Services under this Agreement, Consultant must furnish EBCE with a certificate or certificates of insurance and all original endorsements evidencing and effecting the coverages required under this Agreement. The endorsements are subject to EBCE’s approval. EBCE may request, and Consultant must provide complete, certified copies of all required insurance policies to EBCE. Consultant must maintain current endorsements on file with EBCE. Consultant must provide proof to EBCE that insurance policies expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant must furnish such proof at least two weeks prior to the expiration of the coverages.
J. **Indemnity Requirements not Limiting.** Procurement of insurance by Consultant will not be construed as a limitation of Consultant’s liability or as full performance of Consultant’s duty to indemnify EBCE under Section 12 of this Agreement.

K. **Subconsultant Insurance Requirements.** Consultant’s insurance coverage must include its Subconsultants or Consultant must require each of its Subconsultants that perform Work under this Agreement to maintain insurance coverage that meets all of the requirements of this Exhibit F.
Technical Energy Services Key Personnel

Energy GPS

Tim Belden, Principal, Energy GPS Consulting (2009 to Present):

Mr. Belden will be the lead consultant on this engagement. Mr. Belden has more than 20 years of experience in wholesale energy markets. His experience cuts across all aspects of electricity markets including generation supply, serving end-use load, and transmission. In the early 1990s, Mr. Belden worked at Lawrence Berkeley National Laboratory where he authored numerous papers analyzing state and federal electricity policies. He held positions at The Williams Companies, Portland General Electric, Enron, and UBS. Mr. Belden heads the Consulting practice of EnergyGPS, providing services to renewable energy developers, power marketers, banks, hedge funds, large commercial and industrial customers, public utilities and other entities in both the U.S. and Canada. Mr. Belden’s work spans long-term forward energy pricing, renewable transaction structuring, renewable integration, transmission development and evaluation, asset valuation, and retail supply alternatives. Education: BA Hamilton College, MPP University of California at Berkeley.

Alan Comnes, Senior Director, Energy GPS Consulting (2018 to Present):

Mr. Comnes’s education focused on energy economics, energy engineering, and environmental science, with degrees from Stanford University (B.S., Science, Technology, and Society) and University of California Berkeley (M.A., Energy and Resources). Mr. Comnes started his career at Lawrence Berkeley National Laboratory where his research focused on integrated resource planning and contracting practices in the emerging competitive power generation sector. He also has experience in retail rate making and utility procurement policy, having worked at the California Public Utilities Commission and as a consultant at MRW & Associates. Since 2000, Alan has provided regulatory and technical support to wholesale power participants including Enron, UBS, Dynegy, and NRG. Most recently, as Director of Transmission for SunPower Corporation, Alan was responsible for the interconnection of over 2,000 MW of new, utility-scale solar power plants located throughout North America. Alan negotiated interconnection agreements and the scheduling and operational terms of long-term power purchase agreements. Alan is a native Californian and, since 20010, Alan and his family have lived in Portland, Oregon.

Joel Turkheimer, Manager Energy GPS Consulting (2011 to Present):

Mr. Turkheimer holds a BS in Economics from Oregon State University and a BS in Mathematics from Portland State University. Mr. Turkheimer has six years of experience at EnergyGPS as a primary contributor on a variety of energy analyses, and gas and power market fundamental research projects spanning markets across the U.S. Mr. Turkheimer’s work includes long-term modeling to support investment decisions, asset valuations, market design, and policy analysis. His experience in power includes projects in the following U.S. markets: ERCOT, CAISO, Pacific Northwest (Mid-Columbia), Desert Southwest (Palo Verde), NYISO, SPP, ISO-NE, and MISO. Mr. Turkheimer’s experience also includes short-term natural gas and power trading analysis across U.S. markets, with a focus on western dynamics.

Jeff Richter, Principal Energy GPS Consulting (2009 to Present):
Jeff will play a supporting role, providing market insights as needed. Jeff’s career has included work at Enron, UBS, Baard Energy, Saracen Energy, and EnergyGPS. Jeff earned his bachelors and masters in Mathematics from the University of Minnesota. Jeff manages EnergyGPS’ market analytics services that are offered to trading companies on a subscription basis. Jeff has extensive experience managing retail electricity portfolios. Jeff has almost 20 years of electricity market experience.

John Oh, Senior Director, Energy GPS Consulting (2012 to Present):

Since graduating in 2001 with a degree in Computer Science from the University of Oregon, John has found himself at the cross roads of data and energy analysis throughout his tenure in the energy industry. He is a "one stop shop" with the rare combination of advanced technology skills and serious energy market analytical chops. John has led the electricity and natural gas fundamental analysis efforts at Centaurus, EDF Trading, Constellation and Enron. He has traded his own book and provided vital tools to traders including stack models, hydro models, load/resource balance models and a variety of other tools that help traders identify under or over-valued assets. For more than ten years, John's insights and models have consistently supported profitable energy procurement decisions and risk management strategies.

Trey Dott, CFA, Associate, Energy GPS Consulting (2017 to Present):

Mr. Dott holds a BS in Business Administration, Emphasis in Finance, from Texas State University. After graduating from Texas State with a degree in finance in 2010, Mr. Dott moved to Japan for two years working as a teacher. Upon his return, Mr. Dott worked at Morningstar Commodity, first in data analytics, then moved on to energy fundamentals. Mr Dott has four years of experience researching and analyzing economic data, power and gas prices, capacity markets, day-ahead markets, and real-time markets. With the ability to deal with large data sets, he is able to develop valuable models and forecasts.
Hanover Strategy Advisors

Hanover Strategy Advisors (Hanover), and its founding partners Aldyn Hoekstra and Teresa Marrinan, bring over 60 years of commercial energy experience to help capture value in your operations and partnerships. Hanover is a trusted advisor to utilities, merchant generators, financial institutions and market participants on energy strategy, financial and market issues. We serve clients in the areas of, Regulatory and Commercial Advisory, Commodity Risk Management, Portfolio Management, Business Strategy and Market Assessment. During the last year, our focus has been on California Community Choice Aggregation work for CalCCA along with work for California and ERCOT generation owners and developers. Our broader client list includes various energy infrastructure investors and lenders, utilities and generators, marketing and trading organizations, commercial and industrial energy consumers, and public power, water and aggregation agencies throughout the US. Specific client engagements have included serving as a strategy and commercial advisor in the areas of power sales and portfolio risk management, fuel procurement, ISO/RTO operations, commercial contracting, asset valuation, hedging and forecasting. Example clients include: CalCCA, Diamond Generating, Oregon Clean Energy, Buckeye Power, Transatlantic Power Holdings, San Diego County Water Authority, Sonoma Clean Power and Ellison, Schneider & Harris.

Before joining Hanover, Mr. Hoekstra was Vice President, Merchant Portfolio Strategy for the AES US SBU where he led the wholesale merchant business activity with responsibility for the Company’s generation asset, power marketing and trading strategies and the successful capture of approximately $135 million in commodity margins. While with AES, Mr. Hoekstra led the creation and implementation of an enhanced Portfolio Management function responsible for asset optimization, hedging, and trading activities for all Company merchant generation assets and load-serving portfolios. He conceptualized and executed commodity portfolio risk management strategies to achieve targeted earnings and cash flow performance.

As V.P. Utility and Risk Strategies at Pace Global Energy Services, Mr. Hoekstra managed Integrated Resource Plan (IRP) engagements for California municipal utilities that balanced multiple competing objectives (cost, reliability, risk and greenhouse gas reductions) and led a stakeholder participation process creating community support for the recommended strategy. In addition, Mr. Hoekstra managed a multi-year engagement with a state water agency to implement a comprehensive electric power and natural gas risk management and dynamic hedging program. Mr. Hoekstra managed strategy, risk management, development, finance and regulatory functions for a national retail energy marketing business at Sempra Energy. Mr. Hoekstra completed many high impact projects in the energy sector while working as a consultant for ICF Consulting, Cambridge Energy Research Associates, Barakat & Chamberlin, and MRW & Associates.

Mr. Hoekstra holds a Master of Science in Engineering-Economic Systems from Stanford University and a Bachelor of Science in Industrial Engineering from Purdue University.

Before joining Hanover, Ms. Marrinan was Senior Vice President, US SBU Commercial for the AES Corporation and she was an officer of the Dayton Power and Light Company for more than
seven years. She managed the commercial functions for all AES assets in the US as well as its retail power marketing businesses in Ohio and IL. She managed the annual commercial activity in the entire US portfolio of roughly $3 billion and was responsible for generation dispatch ISO scheduling, fuel procurement, commodity scheduling, wholesale and retail position reporting and position management, wholesale trading and asset optimization, structured transactions and origination, and PJM relationship management. While serving in this function, Ms. Marrinan led the first effort to capture and communicate the commercial value of the individual generators and commercial transactions for AES US into a single consolidated portfolio. Furthermore, she booked Retail and Wholesale margin of roughly $210M and was responsible for pricing for AES participation in CAISO Long-Term Procurement Process and integration of Tait Battery Storage into PJM ancillary services market. She grew the retail businesses from roughly 30,000 to more than 300,000 customers and managed strategic participation in the Illinois aggregation process. Ms. Marrinan has significant experience in regulatory affairs including leading the AES evaluation of options for regulatory rate recovery filings considering implications for margins and risks from load auctions, fixed cost recovery and value of POLR load including assumptions around expected switching levels.

Ms. Marrinan has an MBA from Xavier University and a B.S. in Business Administration from the University of Dayton. She serves on the Board of Trustees for Goodwill Easter Seals Miami Valley, is a member of the Premier Health Plan Board and an adjunct professor in the School of Business Administration at the University of Dayton where she teaches Energy Commodity Trading in the Department of Finance and Economics. She has served as Board Chair for Foodbank Inc. in Dayton where under her leadership the organization created an endowment and provided initial funding of more than $2 million. She previously served as Board Chair for The Cox Arboretum Foundation.
**E3**

**Arne Olson, Senior Partner.** Mr. Olson is an expert in evaluating the impacts of aggressive state and federal policies to promote clean and renewable energy production. He has over 30 years of experience in the electricity industry. He has developed resource plans, approaches, and tools for numerous utilities throughout the Western US. Mr. Olson is assisted the CPUC in developing reference portfolios for the 2016 IRP cycle and is currently helping the CPUC enhance tools and methods for the 2018 IRP process. He also led the technical analysis and drafting of the recent report Investigating a Higher Renewable Portfolio Standard for California, prepared for the five largest utilities in California. He has led numerous resource planning studies on behalf of utilities, government agencies and electricity consumers, including studies of a 33% RPS for the California Public Utilities Commission and multiple studies of the economic benefits of long-line transmission projects. Education: MS, international energy management and policy, University of Pennsylvania and the Institut Français du Pétrole; BS, statistics, and BS, mathematical sciences, University of Washington.

**Brian Horii, Senior Partner.** Mr. Horii is one of the founding partners of E3. He has over 30 years of experience in the electricity industry. He oversees E3 projects in Resource Planning, Distributed Energy Resources, and Cost of Service and Rate Design. He also oversees quantitative methods for the firm. He has testified and prepared expert testimony for use in regulatory proceedings in California, South Carolina, Texas, Vermont, British Columbia, and Ontario Canada. He designed and implemented numerous computer models used in regulatory proceedings, litigation, utility planning, utility requests for resource additions, and utility operations. **MS, civil engineering and environmental planning, and BS, civil engineering, Stanford University.**

**Nancy Ryan, Partner.** Dr. Ryan advises load serving entities and public agencies on climate policy and electricity regulation. He clients have included PG&E, SCE, SDG&E, as well as the CPUC, CEC, CARB and the CAISO. An economist with over two decades of experience in energy and environmental policy, Dr. Ryan previously held several high-level appointed positions at the California Public Utilities Commission, including serving as a commissioner from 2010-2011. Her career path has also included positions in environmental advocacy and academia. Dr. Ryan received her Ph.D. in Economics from the University of California at Berkeley and a BA in Economics from Yale University.

**Michele Chait, Director.** Ms. Chait has over 20 years of experience in the energy industry, with expertise spanning all of the subject areas required to successfully deliver the scope of activities for EBCE. Since joining E3 in 2006, Ms. Chait has played a role in a wide variety of E3’s analysis, including leading E3’s asset valuation and large user services practice areas. She has experience valuing all types of energy assets, including natural gas plants, renewable resources (biomass, biogas, solar PV, wind), and storage and she created the valuation pro forma models used widely throughout E3’s body of work. Ms. Chit’s extensive expertise in regulatory finance encompasses revenue requirements, cost of capital, cost of service studies, and rate design. She holds an MBA from the University of Chicago with
concentrations in finance and economics and a BA in mathematics from University of California at Berkeley.

**Eric Cutter, Director.** Mr. Cutter leads E3’s practice enabling energy storage, electric vehicles and responsive load to serve as valuable resources for the electric grid. Mr. Cutter works with utilities, regulators and technology companies to match distributed energy solutions to their most valuable applications for the customer, grid and environment. Mr. Cutter is currently focused on developing regulatory and business strategies for utility transportation electrification programs quantifying the economic benefits energy storage under high renewable penetration. Prior to joining E3, Mr. Cutter worked as an independent consultant in water resources for seven years and at PG&E for ten years. Mr. Cutter holds an MBA from UC Berkeley’s Haas School of Business and an MS from UC Berkeley’s Energy and Water Resources, Energy and Resources Group.

**Amber Mahone, Director.** Amber Mahone leads E3’s Clean Energy practice at E3. Ms. Mahone and her team specialize in analyzing and modeling long-term greenhouse gas reduction strategies in the energy economy. She has led California’s analysis of greenhouse gas reduction strategies, and has worked on similar projects in the Northwest, New York, New England, and the United States. The Clean Energy practice area brings an inter-disciplinary approach to energy analysis, weaving together E3’s strengths in electricity planning and markets with a broader, economy-wide perspective on how the transportation, buildings and industrial sectors may evolve over time. With over 10 years of experience at E3, Ms. Mahone also has also worked in electricity resource planning, energy efficiency cost-effectiveness, and non-wires alternatives analysis. Ms. Mahone holds an M.P.A. from Princeton University and a B.A. in International Relations from Wellesley College.

**Jack Moore, Director.** Mr. Moore leads E3’s Markets Analysis practice, which examines how changes in policy, technology, and market design affect electricity prices, trading and operations. He has led recent studies for over ten utilities and public power agencies to quantify the potential impact of participating in the Western Energy Imbalance Market (EIM). Over the last decade with E3, Mr. Moore has also evaluated the benefits of a fully integrated Western regional energy market for the California ISO and PacifiCorp and has assessed the value of proposed transmission projects across the Western U.S. and in Mexico. He is now guiding the development of E3’s market forecast service, providing clients with insight into how California increasing renewable resource buildout and trading operations will impact long-term market price fundamentals at major Western hubs. He holds an M.S. in Management Science and Engineering from Stanford University.

**Nick Schlag, Director.** Mr. Schlag leads electric integrated resource planning, with an emphasis on renewable integration and system flexibility needs. In addition, Mr. Schlag has extensive experience in distributed resource cost effectiveness, market analysis, and gas-electric coordination. Mr. Schlag has been the lead author of several high-profile planning studies of electric infrastructure in the Western Interconnection, including Pacific Northwest Low Carbon Scenario Analysis and the Western Interconnection Flexibility Assessment. He holds an M.S. in Atmosphere and Energy (Civil & Environmental Engineering) from Stanford University.
Karin Corfee: Karin Corfee is a Managing Director in Navigant’s Energy Practice and is based in San Francisco, California. Key areas of expertise include strategic planning, renewable energy, distributed generation and energy efficiency. Ms. Corfee currently serves as the global leader of Navigant’s Clean Energy Programs team. The team is comprised of engineers, economists, and social scientists focused on a wide range of clean energy services. Over her 30-year career, Ms. Corfee has supported policy development to facilitate increased deployment of clean energy. Strategic planning engagements include the California Energy Efficiency Strategic Plan, CAISO Five-Year Strategic Plan and the New Jersey Renewable Energy Plan. Ms. Corfee has recently focused on examining new business models, including energy efficiency financing initiatives, third-party ownership structures and community solar.

Laura Manz: Laura brings over 35 years of executive and field experience in electric and natural gas utilities. Her areas of expertise encompass electricity restructuring, transmission development, resource interconnections, grid planning and operations, rates and ratemaking, distributed energy, and advanced technologies. She was formerly Vice President - Infrastructure and Market Development with the CAISO with responsibility for grid planning, market design, regulatory policy, and compliance. She was instrumental in restructuring power grid operations, markets and planning in the Mid-Atlantic (PJM), California (CAISO), and Texas (ERCOT) and served as an expert witness. Laura has deep experience in electricity markets, transmission development and interconnections. Her demonstrated ability to creatively resolve complex initiatives has resulted in innovative approaches such as California’s Renewable Energy Transmission Initiative (RETI) to develop over $6 billion of transmission in California. She began her career at Public Service Electric and Gas in New Jersey before leading CAISO and Regulatory Affairs for Sempra Energy’s regulated businesses, SDG&E and Southern California Gas Company, one of the nation’s largest gas distributors. Her distributed energy experience includes Senior Vice President for Viridity Energy, Senior Fellow with California’s More Than Smart and an Engagement Group Facilitator with New York REV, and supporting large customers in power purchase and market participation.

As a Director at Navigant Consulting’s Energy Practice, Ms. Horner provides strategic and analytic regulatory consulting services to investor and publicly-owned utilities, market participants and regulators in the electric, gas, water, and wastewater industries.

Trina Horner: Ms. Horner has extensive experience as both a regulator and utility executive in evaluating and addressing utility rate design, service offerings, resource planning, cost allocation, and load forecasting issues. She has a proven ability to build consensus across diverse utility stakeholder groups and to drive toward effective regulatory solutions for her clients. She served for five years as Advisor and Chief of Staff to the President at the California Public Utilities Commission (CPUC); as Interim Environmental Affairs Officer and Wastewater Principal Management Analyst at the East Bay Municipal Utility District; and led over 125 regulatory professionals as Vice President of Proceedings and Rates at Pacific Gas & Electric Company.

Ben Hwang: Project Manager with over 15 years of experience in the energy and utilities industry. Technical experience consists of seven years in substation, transmission, and generating station engineering and design as Eastern Operations Regional Team Lead. Management experience includes consulting engagements with up to 25 direct reports at peak staffing. Relocated to Los Angeles to grow the Advisian/WorleyParsons business.
Mark Fullmer: Mark is a Principal at MRW, where he conducts economic and technical studies in support of clients involved in regulatory and legislative proceedings and power project development. Mark advises clients on the economic issues associated with taking electricity service from non-utility sources or self-generating power. Mark’s work includes expert testimony on rate matters; economic analysis of end-use energy-efficiency projects, retail rate and wholesale price forecasting, and pro forma analysis of cogeneration and distributed generation facilities.

David Howarth: David is a Principal at MRW where he specializes in quantitative and qualitative analysis of energy economics, policy and technology issues. Clients include energy project developers, owners, lenders, public agencies, and end users. His current focus is on utility procurement issues and energy project development. He is an expert on renewable energy policy and has worked with a number of renewable energy project developers in the western states and Hawaii, providing analytical support to their development efforts. Activities have included construction of pro forma financial models, bid support for utility RFOs and analysis of QF energy pricing for existing projects. He has also worked with customers and distributed generation suppliers to analyze supply options and utility bill impacts. He has participated in policy studies on the need to replace aging generation infrastructure in California and on the status of nuclear generation and waste storage facilities. Other work has included litigation support, market due diligence, and contract negotiation support.

Bill Monsen: Bill is a Principal Consultant at MRW where he is a specialist in electric utility generation planning, resource auctions, demand-side management policy, power market simulation, power project evaluation, and evaluation of energy cost management options. Typical assignments include: analysis, testimony preparation and strategy development in large, complex regulatory efforts pertaining to utility mergers, independent or merchant power, renewable energy resources, and wholesale or retail electric prices; analysis of markets for non-utility generator power in the western U.S., China, and Korea; evaluation of the cost-effectiveness of onsite power generation options; advising large commercial and industrial customers on energy management and cost-reduction options; analysis of the value of incentives and regulatory mechanisms in encouraging utility-sponsored DSM; and negotiating non-utility generator power sales contract terms with utilities.

Mary Neal: Mary is a senior project manager at MRW where she conducts technical analysis of electric and gas utility rate cases and other regulatory filings and serve as expert witness in regulatory proceedings. Mary constructs and critiques models for utility cost allocation, rate design, retail rate forecasts, and benefits of distributed generation facilities. Mary evaluates energy procurement options and provide analytical and strategic support for business decisions and litigation on electric and gas issues.

Anna Casas: Anna is a senior analyst at MRW where she researches and analyzes energy data and related policy, with an emphasis on California electricity markets. Anna develops forecasts and analyses pertaining to electricity rates, rate design, and other energy matters and develop expert testimony for regulatory proceedings and litigation. Anna monitors and analyzes regulatory and policy developments affecting the California energy markets.