

**R E Q U E S T F O R
P R O P O S A L**

2019-013



Advanced Metering Infrastructure (AMI)

Release Date: May 22, 2019
Proposals Due: June 27, 2019

**Proposals must be submitted via E-mail to
PECbidresponse@peci.com**

002 - TABLE OF CONTENTS

002 - TABLE OF CONTENTS.....	2
003 - BACKGROUND	2
004 - SCOPE OF SERVICE.....	3
005 - ADDITIONAL REQUIREMENTS	5
006 - TERM OF CONTRACT.....	9
007 - PRE-SUBMITTAL CONFERENCE	9
008 - PROPOSAL REQUIREMENTS	9
009 - CHANGES TO RFP	10
010 - SUBMISSION OF PROPOSAL	10
011 - RESTRICTIONS ON COMMUNICATION	12
012 - EVALUATION OF CRITERIA	12
013 - AWARD OF CONTRACT AND RESERVATION OF RIGHTS	13
014 - SCHEDULE OF EVENTS.....	15
015 - RFP EXHIBITS	16
016 - RFP ATTACHMENTS.....	20

003 - BACKGROUND

Pedernales Electric Cooperative, Inc. ("PEC") is a private electric utility owned by the members we serve. On behalf of our member/owner community, PEC is an industry-recognized leader providing outstanding service and reasonably priced electricity to homes and businesses for more than 80 years. We service more than 300,000 meters in twenty-four counties in Texas. Our Headquarters is located in Johnson City, Texas. PEC has offices located throughout its service area.

PEC's operational commitment is to provide reliable electricity and excellent service to members at competitive prices and to guide responsible stewardship of our resources and provide a rewarding, fair, and safe work place for our employees. As a cooperative, PEC is owned by the "members" it serves. Members—not stockholders—invest in the Cooperative through their electric billings and share in the Co-op's margins. Because of this unique business model, PEC members demand the best service, reliability, and management.

PEC's Current Metering System

- PEC currently has a Power Line Carrier AMR system with approximately 315,000 electric meters installed.
- All meters are read daily and about 240,000 bring back hourly or 15 minute interval data.
- The AMR head end system is integrated with NISC iVue, MDMS, and with Trimble DMS.
- Current AMR supports remote connect/disconnect for about 40,000 meters as well as Net Metering and Time of Use rates.
- Approximately 140,000 electro-mechanical meters are in service.

Below is the breakdown of installed meters by form number

Form and Class	Count
2S CL 200	294,794
2S CL 320	8,174
3S CL 20	8
4S CL 20	1,405
5S(45S)CL 20	597
9S CL20	3,854
12S CL 200	2,187
16S CL 320	4,215
Total	315,234

004 - SCOPE OF SERVICE

PEC's through this request for proposal ("RFP") seeks proposals ("Proposals") from qualified persons or entities ("Respondents") interested in providing an Advance Metering Infrastructure (AMI) solution.

The Respondent's RFP response must include the necessary labor and other associated services to develop the following scope and deliverables.

The Respondent's RFP response must include the necessary labor and other associated services to develop a high bandwidth AMI solution that operates on a single, multi-purpose network with the ability to integrate additional functionality as technology becomes available.

Respondents shall describe the proposed system architecture, software, and hardware infrastructure components (collectors, data collection units, endpoints, etc.) as well as the operation of the system, and its components and provide necessary diagrams to help explain the system. Respondents shall describe the various components of the solution required including, purchase of products, license of software and ancillary services. Respondents shall describe what components PEC would own and what portions Respondents would license and own and what portions are subject to maintenance agreements.

The project will be for PEC's Eastern territory and a file will be provided with lat/long coordinates for substations, meters, and transformers and will be provided at the optional pre bid meeting or at the request of the responder via overnight mail.

The RFP requests your proposal for of the following:

- Hardware and all software needed for a headend system that is capable of automatically identifying and registering endpoints upon installation and passing pertinent data to other PEC systems. Hardware and software such as the routers and collectors/data collection units (with emphasis on collector units being located within PEC substations) required for building out the network infrastructure to support bi-directional communication and on demand data retrieval with all endpoints on the system.
- Response should include the above detailed infrastructure requirements and layouts for the eastern PEC territory and any special installation requirements or training that PEC should be aware of.
- Recommendations and Proposal for: 75,000 new residential and 3,000 new C&I meters including communication modules to encode, store and transmit pertinent meter data. These meters will be purchased at a rate of 25,000 meters a year over a three year period. PEC will install the meters through attrition and growth.
- As an option in the response, proposal for all remaining meters and communication infrastructure required to change out all current 315,000 meters within our eastern territory.
- Recommendation and Proposal for: Training, project management and operational and maintenance services needed to support the above.
- Upon project completion, PEC will own, operate and maintain its own AMI and DA networks.

The following requirements must be met:

1. The system shall be self-healing and have redundancy to allow for reads when part of the communication system fails.
2. Daily retrieval of all electric meter data with at least 99 percent of all meters successfully read each day without estimation. This would include 15 minute interval data and daily shift reads (midnight read).
3. The system shall support real-time, on-demand meter reading requests and shall have an average response time of 30 seconds or less at least 90% of the time.
4. The system shall support real-time control of field devices and shall have an average response time (confirmation of device operation) of 30 seconds or less at least 90% of the time.
5. Ability to do remote disconnect/connect from head end and CIS, a program within NISC.

6. A one page dashboard of system health with instant indication of endpoint status, collector alerts, endpoint alerts, deployment status, validation threshold alerts and not logging alerts.
7. All alarms including power failure and tamper alerts shall be reported from the end devices via an unsolicited event message.
8. The ability to determine system phase of connected meters.
9. The communication system shall enable remote reprogramming of all endpoints.
10. The communication system shall enable remote firmware upgrades to all electric endpoints and meters without a field visit.
11. Role based access controls within the head end enabling the utility to restrict operational and data access on a granular basis to both users and systems with an explicit need.
12. Interfaces to the AMI System shall utilize a web-based Portal where PEC can access each included sub-system using a Single Sign-on methodology with password authentication and integrated to PEC's authentication systems.
13. Respondents shall provide integration to PEC's NISC iVue and MDM systems as well as Trimble GIS and DMS and OSII DMS (Spectra) and OMS (Electra).
14. Prefer AMI vendor to be compatible with a minimum of two electric meter vendors to allow for meter choice. Provide a listing of meter manufacturers and meter model numbers with which your AMI modules are compatible.
15. The ability of endpoint collectors/data collection units to utilize fiber and cellular backhaul with preferred locations at PEC substations with communications back to PEC data server points along with any redundancy options.
16. Tools to test and troubleshoot endpoints in the field and in the shop.
17. Ability to utilize field network for both AMI and DA. Must be able to virtually segment AMI from DA.
18. Respondents will provide a single point of contact for communicating all issues by providing a toll free number that can be used for reporting issues. In addition to the toll free number, Vendor will provide PEC the ability to enter service requests directly into a web portal help desk site, and communications and resolutions are logged within the site.

Meters:

1. Form 2S Class 200/320 and 12S Class 200 Network meters shall have a Disconnect / Connect Switch with the open/closed status of the switch indicated by a message on the meter display. Respondent shall propose a remote disconnect/connect switch for all form 2S and 12S meters.
2. Energy, demand (kW) and interval data recording capability for up to 6-channels for residential and 10 channels for C&I meters.
3. Nonvolatile data storage for all measurements including interval data for 30 days.
4. Four Energy options: Delivered, Received, Delivered+Received (secure), Delivered-Received (net).
5. Daily maximum kW demand (15 minute rolling or block demand) with time stamp.
6. Voltage sags and swells detection with programmable magnitude and duration.
7. Super capacitor or battery to allow for outage notification when an outage occurs (last gasp).
8. Event Log capturing information about alerts, diagnostics, cautions, communication and meter operations.
9. kVA and kVAR measurements for C&I meters.

005 - ADDITIONAL REQUIREMENTS

Respondents must also provide the following:

- A signed Non-Disclosure Agreement (must be signed before the pre-submittal conference).
- Bonds (more detail listed below)
- Identification (more detail listed below)
- Background Checks (more detail listed below)
- Additional Certifications (more details listed below)

In addition, the following items must be provided or confirmed:

A. Propagation Study:

1. Upon contract award, respondents must provide an official Radio Wave Propagation Study from a licensed RF engineer or engineering firm that displays exact location and height of all data collection equipment and coverage patterns.
2. The Proposer shall then provide any additional data collection equipment (routers, collectors) required after endpoint deployment to achieve the coverage depicted in the propagation study.

B. Product, Software, Services Warranties and lead times:

1. Respondents shall provide detailed warranty information with its proposal, including warranties for all hardware, software, services, including warranties regarding data accuracy provided by the meters. Minimum of 5 years required, 10 years preferred.
2. Respondents shall provide approximate lead times for meters and all communication hardware required for the AMI system.

C. Confidentiality/Security:

1. The proposed system must protect confidentiality of PEC and its members using advanced encryption techniques.
2. The proposed system must offer capability to utilize advanced techniques to ensure authentication and integrity of data.
3. Respondents shall provide detailed information about the systems security features and capabilities. In addition, Respondent shall represent and agree that it has and will maintain in place commercially reasonable precautions to safeguard the confidentiality, security and integrity of Confidential Information. These precautions shall include, as applicable, (A) contractual restrictions on access to the information by vendors and other third parties, (B) intrusion detection systems on all information systems of PEC maintained or controlled by Respondent, and (C) notification procedures for notifying PEC promptly in the event a security or information breach or disclosure is detected or suspected, as well as other response programs when there is a suspected or detected unauthorized disclosure, access or attempted access of PEC's information. These precautions shall include, as appropriate: (i) access controls to PEC's Information systems, including controls to identify and permit access only to authorized individuals and controls to prevent access to PEC's Information through fraudulent means, (ii) employee controls and training, (iii) physical access restrictions at locations where PEC Information is located; (iv) encryption of electronic PEC Information when appropriate or legally required and (v) a disaster recovery plan as appropriate to protect against loss or damage to PEC Information due to potential hazards such as fire or water damage or technological failures. Respondent agrees that it will (i) monitor the foregoing measures with periodic audits or testing and (ii) provide copies (or excerpts) of the same to extent Respondent is not otherwise subject to a confidentiality requirement or that disclosure of such audit or testing does not present a security risk for Respondent to inform PEC that Respondent is implementing such provisions. "PEC Information" includes any personal identifying information or sensitive personal information including information on members of PEC or otherwise contains materials that, in either party's reasonable determination, are the subject of relevant privacy law, rule or regulation.

Bonds.

Payment Bond. If the contract is in excess of \$50,000, the selected Respondent shall provide a Payment Bond as security for all persons supplying labor and material in the performance of the contract. Said Payment Bond shall be executed by a corporate surety acceptable to PEC, licensed pursuant to the Texas Insurance Code in the full amount of the contract price. Said Payment Bond must be in a form acceptable to PEC. Said Payment Bond must have attached thereto a Power of Attorney as evidence of the authority of the person executing the Payment Bond to bind the surety. This Payment Bond must be furnished in compliance with the statutory requirements the Texas Property Code, chapter 53. This Payment Bond must be executed and delivered to PEC prior to commencement of work under the contract.

Performance Bond. If the contract is in excess of \$100,000, the selected Respondent shall provide a Performance Bond made payable to PEC, executed by a corporate surety acceptable to PEC who is licensed pursuant to the Texas Insurance Code in the full amount of the Contract price to cover the selected Respondent's faithful performance of the obligations under the contract. Said Performance Bond must be in a form acceptable to PEC. Said Performance Bond shall further provide that the surety shall indemnify for all damages or losses resulting from the principal's default. Said Performance Bond shall further guarantee the principal's performance of all terms and obligations under the contract. Said Performance Bond must have attached thereto a Power of Attorney as evidence of the authority of the person executing the Performance Bond to bind the surety. This Performance Bond must be executed and delivered to PEC prior to commencement of work under the contract.

Respondent's failure to deliver Performance and/or Payment Bonds to PEC which comply with the requirements herein within 10 days after demand shall be a material breach of the contract.

Identification:

3. Respondent Vehicle(s) Logo - The Selected Respondent's vehicle(s) including subcontractor vehicle(s) must be clearly marked with the company name. Vehicle(s) must be easily identified by a respective company logo.
4. Uniform and ID Badges - All Selected Respondent's personnel including subcontractor's personnel, must wear respective company uniforms and ID Badges at all times.

Background Checks:

At PEC's request, and at any time, Respondent shall provide to PEC for its review (documentation consisting of a written resume or curriculum vitae of each proposed individual who Respondent anticipates will provide Services or perform any portion of the Services. The resume or curriculum vitae shall contain the information set forth below. Before assigning an individual to act whether as an initial assignment or a subsequent assignment, Respondent will notify PEC in person or by electronic mail of the proposed assignment, will provide PEC with a written resume or curriculum vitae, and will obtain PEC's approval. Personnel who PEC determines in its sole discretion at any time do not have the requisite skills to perform the tasks or activities assigned to them shall not be permitted to perform any portion of the Services. Respondent shall not assign any of the Services or permit such party to perform any portion of the Services without PEC's prior written approval.

- *Whether the proposed personnel is a full-time employee of Respondent;*
- *The educational background and relevant experience of the personnel; and*
- *The home base from which the personnel will travel to PEC's site.*

Respondent may be requested to conduct employee background checks, which may include controlled substance testing, criminal background screening, and a motor vehicle record check to the extent allowable by law.

PEC, at its sole discretion, may request a criminal background check on any personnel entering PEC or PEC's member's property.

PEC reserves the right to audit or perform background checks on Respondent's personnel to confirm satisfaction with PEC requirements.

Respondent will confirm in writing that its personnel assigned to perform Services has successfully met Respondent's screening and background checking requirements conducted or caused to be conducted for each such personnel either as a part of their hiring or prior to assignment to perform Services under an SOW ensuring that each of Respondent's personnel

meet the minimum qualifications of the position and has successfully completed all employment eligibility, background checks and screening.

All costs related to such background checks shall be the responsibility of Respondent.

Respondent shall require that all employees, agents, and subcontractors of the respondent used to provide services have been certified or trained on necessary equipment, as needed.

Additional Certifications.

- Compliance with Law. Respondent is and shall remain in compliance with all laws and regulations to the extent applicable. Respondent acknowledge and agrees that PEC may from time to time require certifications as to federal law standards that may be required by PEC's lenders. Respondent, on receipt of notice from PEC, shall provide further certifications as may be commercially reasonable and within Respondent's knowledge.
- Remedies. The rights and remedies conferred are cumulative and the exercise of such rights or remedies shall be without prejudice to the enforcement of any other right or remedy authorized any definitive agreement, common law, statute, or equity. No waiver of any breach of default shall be deemed or construed to constitute a waiver of any other violation or other breach of any of the terms, provisions, and covenants contained in any definitive agreement. Failure of PEC to insist upon strict performance of any term or condition of any definitive agreement shall not be deemed to be a waiver of PEC's rights and remedies.

INTELLECTUAL PROPERTY

If selected, Respondent agrees to abide by the following regarding intellectual property rights:

Intellectual Property Rights. As used herein, "Intellectual Property Rights" means copyrights, trademarks, patents, inventions, trade secrets and all other intellectual property rights as may exist now or hereafter come into existence and all renewals and extensions thereof and improvements and modifications thereto. All pre-existing Intellectual Property Rights of PEC that are utilized in connection with Respondent's performance of the services hereunder shall remain the sole and exclusive property of PEC, as the case may be.

All inventions, improvements, discoveries, ideas, concepts, data, developments, technology, computer programs and software, formulas, designs, processes, techniques, know-how and works of authorship, including all modifications, enhancements, and improvements thereto, whether patentable or copyrightable or not in any deliverables under the Agreement, whether such deliverables were created alone or in cooperation with others (including but not limited to employees and contractors of PEC), shall be the sole and exclusive property of PEC; and subject to PEC's full payment for the services actually delivered to PEC and except as otherwise specifically provided in the Agreement, PEC shall own all right, title, and interest in and to any such deliverables and all Intellectual Property Rights in any such deliverables (collectively, the "PEC Proprietary Rights"); provided, however, that Respondent shall retain the right to any general skills and know-how that Respondent may develop as a result of Respondent's provision of the services.

Subject to PEC's full payment for the services actually delivered to PEC, Respondent hereby assigns, and agrees to cause Respondent to assign to PEC all such PEC Proprietary Rights, and Respondent agrees to execute (and cause persons under its control to execute, including subcontractors or personnel) at PEC's sole cost and expense such further documents as may be reasonably necessary to reflect PEC's ownership of and title to such PEC Proprietary Rights, including without limitation recordable forms of assignment.

Respondent shall not allow any subcontractors or other personnel to perform any part of the services unless such personnel are first obligated to assign to PEC all such PEC Proprietary Rights as provided herein. Subject to PEC's full payment for the services actually delivered to PEC, Respondent hereby grants to PEC in connection with its use of the deliverables a non-exclusive, perpetual, non-transferable, fully-paid license, and agrees to cause its subcontractors or personnel to grant, royalty-free, worldwide, irrevocable right and license to use, for PEC's internal business purposes, any of Respondent's Intellectual Property Rights to the extent included in or required to use a deliverable as contemplated under the Agreement. Further, Respondent and PEC agree that any work of authorship, including but not limited to any computer program or software specifically designed for PEC, is a "work made for hire" within the meaning of 17 United States Code Section 101 in that it is a work that has been specially ordered or commissioned by PEC for use as a contribution to a collective work, as part of an audiovisual work, as a translation, as a supplementary work, as a compilation and/or as an instructional text.

Indemnification: In addition to all other indemnification obligations, Respondent shall hold PEC harmless, defend and indemnify PEC from the payment of any royalties, damages, losses or expenses including attorney's fees for suits, claims

or otherwise, arising out of infringement or alleged infringement of copyrights, patents, materials and methods used in the project or misappropriates any trade secret of any third party. Further, if Respondent has reason to believe that the design, service, process or product specified is an infringement of an intellectual property right or misappropriation of any trade secret of any third party, Respondent shall promptly give such information to PEC.

Upon receipt of notification that a third party claims that the software, hardware or both the software and the hardware or any other deliverable infringes upon any United States patent or copyright or otherwise misappropriates any trade secret of any third party, Respondent will immediately at PEC's discretion:

- a) obtain, at Respondent 's sole expense, the necessary license(s) or rights that would allow PEC to continue using the software, hardware, or both the software and hardware or any other deliverable, as the case may be,;
- b) alter the software, hardware, or both the programs and hardware or any other deliverable so that the alleged infringement or misappropriation is eliminated; or
- c) Refund PEC such costs for any such software or hardware.

In addition, Respondent will reimburse PEC for any expenses incurred by PEC to implement emergency backup measures if PEC is prevented from using the software, hardware, or both the software and hardware or any other deliverable while the dispute is pending.

Respondent further agrees to:

- a) assume the defense of any claim, suit, or proceeding brought against PEC for infringement of any United States patent or copyright or misappropriation of a trade secret of a third party arising from the use and/or sale of the equipment or software under this Agreement,
- b) assume the expense of such defense, including costs of investigations, reasonable attorneys' fees, expert witness fees, damages, and any other litigation-related expenses, and
- c) indemnify PEC against any monetary damages and/or costs awarded in such suit;

Provided that:

1. Respondent is given sole and exclusive control of all negotiations relative to the settlement thereof, but that Respondent agrees to consult with PEC during such defense or negotiations and make good faith effort to avoid any position adverse to the interest of PEC,
2. the software, hardware, or both or any other deliverable is used by PEC in the form, state, or condition as delivered by Respondent or as modified without the permission of Respondent, so long as such modification is not the source of the infringement claim,
3. the liability claimed shall not have arisen out of PEC's negligent act or omission, and PEC promptly provides Respondent with written notice within 30 days following the formal assertion of any claim with respect to which PEC asserts that Respondent assumes responsibility under this section.

006 - TERM OF CONTRACT

A contract awarded in response to this RFP will be for a one (1) year period to complete the installation of the new AMI infrastructure and headend system and three (3) years to provide the 78,000 meters with the option to renew for an additional three (3) year term for additional meters. Upon completion of the installation, PEC will explore maintenance and future support options.

007 - PRE-SUBMITTAL CONFERENCE

An Pre-Submittal Conference (optional) will be held at **201 S. Avenue F, Johnson City, Texas at the Headquarters Auditorium at 2:00 p.m., Central Daylight Time on May 29, 2019**. Respondents are encouraged to prepare and submit their questions in writing in advance of to the Procurement Specialist identified in Section 011 – Restrictions on Communication in order to expedite the proceedings. PEC's responses to questions received by this due date may be distributed at the Pre-Submittal Conference and posted with this solicitation. Attendance at the Pre-Submittal Conference is optional but highly encouraged.

R.S.V.P. is required, please R.S.V.P. with the names of attendees, no later than **Tuesday, May 28, 2019 at 5:00 p.m., CDT,** to **Christina Garza, *christina.garza@peci.com***.

Any oral responses provided by PEC staff at the Pre-Submittal Conference shall be preliminary. Any oral response given at the Pre-Submittal Conference that is not confirmed in the written summary of the Pre-Submittal Conference or by a subsequent addendum shall not be official or binding on PEC. Only written responses shall be official and all other forms of communication with any officer, employee or agent of PEC shall not be binding on PEC.

008 - PROPOSAL REQUIREMENTS

Respondent's Proposal shall include the following items in the following order, noted with the appropriate heading as indicated below. If Respondent is proposing as a team or joint venture, provide the same information for each member of the team or joint venture.

Submit one complete electronic proposal in an Adobe PDF format unless otherwise indicated below, proposal must be organized in the order as described below.

TABLE OF CONTENTS

EXECUTIVE SUMMARY. The summary shall include a statement of the work to be accomplished, how Respondent proposes to accomplish and perform each specific service and any unique problems perceived by Respondent and solutions.

GENERAL INFORMATION FORM. Complete Attachment A, Part One of this RFP.

EXPERIENCE, BACKGROUND & QUALIFICATIONS OF RESPONDENT FIRM. Complete Attachment A, Part Two of this RFP.

APPROACH PLAN Complete Attachment A, Part Three of this RFP.

PRICING SCHEDULE. Complete Attachment B of this RFP.

LITIGATION DISCLOSURE FORM. Complete and submit the Litigation Disclosure Form, found in this RFP as Attachment C. If Respondent is proposing as a team or joint venture, then all persons or entities who will be parties to the contract (if awarded) shall complete and return this form.

PROOF OF INSURABILITY. Each Respondent shall submit a copy of its current insurance certificate and affirm its commitment to insure for the types of coverages and at the levels specified in this RFP if awarded a contract.

VENDOR INFORMATION FORM. If PEC has not awarded your company a PO within the last 24 months, please provide the following documents:

- a. A completed [Vendor Information Form](#)
- b. A completed [IRS W9](#)
- c. A completed [PEC Electronic Payment Form](#)

SIGNATURE PAGE. Respondent must complete, sign and submit the Signature Page found in this RFP as Attachment D. The Signature Page must be signed by a person, or persons, authorized to bind the entity, or entities, submitting the proposal.

FINANCIAL INFORMATION. "Submit an electronic copy of Respondent's three most recent annual financial statements, prepared in accordance with Generally Accepted Accounting principles, audited by an independent Certified Public Accountant.

PROPOSAL CHECKLIST. Complete Attachment G.

Respondent is expected to examine this RFP carefully, understand the terms and conditions for providing the goods or services listed herein and respond completely. FAILURE TO COMPLETE AND PROVIDE ANY OF THESE PROPOSAL REQUIREMENTS MAY RESULT IN THE RESPONDENT'S PROPOSAL BEING DEEMED NON-RESPONSIVE AND THEREFORE DISQUALIFIED FROM CONSIDERATION.

009 – CHANGES OR AMENDMENTS TO RFP

Changes or amendments to this RFP made prior to bid opening shall be issued in writing via addendum either through PEC's solicitation website or direct e-mail transmission. If the RFP was originally released through PEC's solicitation website it is each Respondent's responsibility to check that website for any addendum until the Proposal due date. Otherwise, changes or amendments to the RFP will be transmitted directly to potential Respondents. No oral statement of any person shall modify or otherwise change or affect the terms, conditions or specifications stated in the RFP.

010 – SUBMISSION OF PROPOSAL

Submission Proposals.

Proposals must be submitted via E-mail to PECbidresponse@peci.com no later than **Thursday, June 27, 2019 at 2:00 p.m., CDT.** No hard copies of Proposals (other than submitting any original Bid Bond as may be required). E-mail Subject field should be marked with the following project name and number, "**RFP 2019-013 Advanced Metering Infrastructure (AMI). Attn: Christina Garza**". Any Proposal or modification to a Proposal received after the due date shall not be considered, and will be deemed non-responsive.

Proposal Format. Each proposal shall be typewritten, single spaced and submitted on 8 ½" x 11" white paper. Font size shall be no less than 10-point type. All pages shall be numbered margins shall be no less than 1" around the perimeter of each page. Unnecessarily elaborate brochures, artwork, bindings, visual aids, expensive paper or other materials beyond that sufficient to present a complete and effective submission are not required. Websites, or URLs shall not be submitted in lieu of the written Proposal. Each Proposal must include the sections and attachments in the order listed in the RFP Section 008 Proposal Requirements. Unnecessarily elaborate artwork or other materials beyond that sufficient to present a complete and effective submission are not required. Failure to meet the above conditions may result in disqualification of the Proposal or may negatively affect scoring.

Modified Proposals. Any Proposal may be modified provided such modification is received prior to the due date for submission of Proposals and submitted in the same manner as the original Proposal. Please provide a cover letter with the modified Proposal, indicating it is a modified Proposal and that the original Proposal is being withdrawn.

Proposal Size. Attached files must not exceed twenty-five (25) megabytes.

Proposal Receipt. Receipt of Proposal will be emailed to the Respondent as proof of time and date stamp. Failure to receive an email from PEC may indicate the Proposal has not been received. It is the responsibility of the Respondent to obtain confirmation of receipt prior to the submission deadline addressed to procurement@peci.com and PECbidresponse@peci.com.

Correct Legal Name.

Any Respondent in its Proposal shall correctly state the true and correct name of the individual, proprietorship, corporation, Limited Liability Company and /or partnership responsible for performing the services or delivering the goods requested in this RFP (clearly identifying the responsible general partner and all other partners who would be associated with the contract, if any). No nicknames, abbreviations (unless part of the legal title), shortened or short-hand, or local "handles" will be accepted in lieu of the full, true and correct legal name of the entity. These names shall comport exactly with the corporate and franchise records of the Texas Secretary of State and Texas Comptroller of Public Accounts. Individuals and proprietorships, if operating under other than an individual name, shall match with exact Assumed Name filings. Corporate Respondents and limited liability company Respondents shall include the 11-digit Comptroller's Taxpayer Number on the General Information form found in this RFP as Attachment A.

If an entity is found to have incorrectly or incompletely stated its name or failed to fully reveal its identity on the General Information form, the Procurement Manager, in her or his discretion, may suspend consideration of any Proposal at any point in the contracting process.

Firm Offer. All provisions in a Respondent's Proposal, including any estimated or projected costs, shall remain valid for ninety (90) days following the deadline date for submissions or, if a Proposal is accepted, throughout the entire term of the contract.

Cost of Proposal. Any cost or expense incurred by the Respondent that is associated with the preparation of the Proposal, the Pre-Submittal conference, if any, or during any phase of the selection process, shall be borne solely by Respondent.

Confidentiality, Ethics and Reporting

Open Records. PEC is subject to an Open Records Policy adopted by its Board of Directors and a Designation of Competitive Matters adopted by its Board of Directors. Any information deemed to be confidential or proprietary by Respondent should be clearly noted. PEC may withhold public access to such records or applicable portions thereof, when it is or contains information, including pricing information, that, if released, would give advantage to a PEC Competitor (as defined in the Designation of Competitive Matters) or bidder; trade secrets obtained from a person and privileged or confidential by statute or judicial decision; commercial or financial information for which disclosure would cause competitive hard to the person from whom the information was obtained; contract drafts, term-sheets, letters of intent, and other contract materials related to the items listed above. If another party requests access to information marked confidential, then PEC shall ask Respondent if the information may be released.

PEC Information. All information regarding PEC furnished or available to Respondent under this Agreement including, without limitation, any Purchase Order or any customer information, is confidential information (and shall be included within the defined term "Confidential Information") and shall not be disclosed by Respondent to any person or entity other than Respondent's employees having a need to know such information to perform Respondent's duties and obligations under this Agreement. Additionally, Respondent shall not disclose to any third party, including, but not limited to Respondent's subcontractors, affiliates or agents, any Confidential Information without PEC's prior written consent. Respondent shall protect such Confidential Information with a degree of care at least as restrictive as it uses to protect its own confidential information, which in any event shall be no less than a reasonable degree of care. Respondent shall only use such Confidential Information solely in connection with performing the Services under this Agreement. Upon PEC's request, Respondent shall promptly return to PEC or destroy such Confidential Information, as PEC may instruct. If disclosure is required by law, then Respondent shall immediately notify PEC in writing of the existence, terms and circumstances surrounding the request so that PEC may, in its sole discretion, seek a protective order or other appropriate remedy and/or take steps to resist or narrow the scope of the disclosure sought by such request. Respondent shall use its best efforts to assist PEC in obtaining proprietary or confidential treatment of the information by the third party to whom the information is disclosed, and will, to the extent such remedies are available, seek protective orders limiting the dissemination and use of the information. Nothing herein diminishes PEC's right to challenge any law or legal proceeding requiring the disclosure.

Information Security. Respondent represents and agrees that it has and will maintain in place commercially reasonable precautions to safeguard the confidentiality, security and integrity of Confidential Information. These precautions shall include, as applicable, (A) contractual restrictions on access to the information by vendors and other third parties, (B) intrusion detection systems on all information systems of PEC maintained or controlled by Respondent, and (C) notification procedures for notifying PEC promptly in the event a security or information breach or disclosure is detected or suspected, as well as other response programs when there is a suspected or detected unauthorized disclosure, access or attempted access of PEC's information. These precautions shall include, as appropriate: (i) access controls to PEC's Information systems, including controls to identify and permit access only to authorized individuals and controls to prevent access to PEC's Information through fraudulent means, (ii) employee controls and training, (iii) physical access

restrictions at locations where PEC Information is located; (iv) encryption of electronic PEC Information when appropriate or legally required and (v) a disaster recovery plan as appropriate to protect against loss or damage to PEC Information due to potential hazards such as fire or water damage or technological failures. Respondent agrees that it will (i) monitor the foregoing measures with periodic audits or testing and (ii) provide copies (or excerpts) of the same to extent Respondent is not otherwise subject to a confidentiality requirement or that disclosure of such audit or testing does not present a security risk for Respondent to inform PEC that Respondent is implementing such provisions. "PEC Information" includes any personal identifying information or sensitive personal information including information on members of PEC or otherwise contains materials that, in either party's reasonable determination, are the subject of relevant privacy law, rule or regulation.

Ethics and Reporting. PEC is subject to an Ethics and Compliance Reporting Policy adopted by its Board of Directors effective December 1, 2015 as may be amended from time to time. Any suspected violations of PEC's Code of Ethics, Conflict of Interest Policy, values, and standards of conduct are required to be reported to PEC management, consisting of any manager, director, officer, attorney of PEC or to PEC's Human Resources Department or PEC's Ethics and Compliance Officer.

011 – RESTRICTIONS ON COMMUNICATION

Each Respondent is prohibited from communicating regarding this RFP or a Proposal with: (1) PEC Board members; (2) PEC employees from the time the RFP has been released until the contract is awarded. These restrictions extend to, phone calls, e-mails and any other contact that results in the discussion of the RFP and/or Proposal submitted by Respondent. Violation of this provision by Respondent and/or its agent may lead to disqualification of Respondent's Proposal from consideration.

However, Respondents may submit written questions concerning this RFP to the Procurement Specialist listed below until **2:00 p.m., CDT on Thursday, June 6, 2019**. Questions received after the stated deadline will not be answered. All questions shall be sent by e-mail.

Christina Garza, Procurement Specialist
Pedernales Electric Cooperative, Inc., Procurement Department
christina.garza@peci.com

012– EVALUATION OF CRITERIA

PEC will conduct a comprehensive evaluation of each Proposal received in response to this RFP. PEC may appoint a selection committee to perform the evaluation (the "Evaluation Committee"). Each Proposal will be analyzed to determine overall responsiveness and qualifications under the RFP. Criteria to be evaluated may include the items listed below. The Evaluation Committee may select all, some, or none of the Respondents for interviews. If PEC elects to conduct interviews, Respondents may be interviewed and re-scored based upon the same criteria. PEC may also request additional information from any Respondent at any time prior to final approval of a selected Respondent. PEC reserves the right to select one or more, or none of the Respondents to provide services. Final approval of a selected Respondent is subject to PEC's Evaluation Committee and originating Department Manager.

Evaluation criteria:

- Experience, Background, Qualifications (20 points)
- Approach Plan/Like type systems installed (30 points)
- Price (30 points)
- Architect (20 Points)

013– AWARD OF CONTRACT AND RESERVATION OF RIGHTS

PEC reserves the right to award one, more than one or no contract(s) in response to this RFP.

A Contract (as defined herein), if awarded, will be awarded to the Respondent(s) whose Proposal(s) is deemed most advantageous to PEC, as determined by the Evaluation Committee and the originating Department Manager.

PEC may accept any Proposal in whole or in part. If subsequent negotiations are conducted, they shall not constitute a rejection or alternate RFP on the part of PEC. However, final selection of a Respondent is subject to PEC's Evaluation Committee and originating Department Manager.

PEC reserves the right to accept one or more Proposals or reject any or all Proposals received in response to this RFP, and to waive informalities and irregularities in the Proposals received. PEC also reserves the right to terminate this RFP, and reissue a subsequent solicitation, and/or remedy technical errors in the RFP process.

No work shall commence until PEC signs the Contract and Respondent provides the necessary evidence of insurance or bonds as may be required in this RFP and the Contract. The Contract is not binding on PEC until executed by the originating Department Manager, the Chief Executive Officer or an officer of the Board of Directors as may be required by PEC's approval guidelines. In the event the parties cannot negotiate and execute the Contract within the time specified, PEC reserves the right to terminate negotiations with the selected Respondent and commence negotiations with another Respondent.

This RFP does not commit PEC to enter into the Contract, award any services related to this RFP, nor does the RFP obligate PEC to pay any costs incurred in preparation or submission of a Proposal or in anticipation of the Contract.

If selected, Respondent will be required to comply with the requirements established herein.

Invoicing PEC will be invoiced monthly for all amounts payable by PEC pursuant to the terms hereof. Required documents will be provided to PEC by Selected Respondent for review and approval of invoices. Invoices are payable to the remittance name and address listed on the submitted invoice(s). Payments shall be made within thirty (30) days of receipt of undisputed invoice. No payment made to Selected Respondent shall be construed as an acceptance or approval of any of workmanship or materials or construed as a waiver of any claim or right that PEC may then or thereafter have against Selected Respondent.

Invoices must be accompanied by Selected Respondent's material invoice. Selected Respondents will apply their approved Respondent's Cost plus % to applicable line items order to determine price for material and equipment.

All invoices must be emailed to accounts.payable@peci.com with a copy to the appropriate district or location contact person.

No payment shall be due while Selected Respondent is in default in respect of any of the provisions of the Agreement, and PEC may withhold from Selected Respondent the amount of any claim by a third party against either the Selected Respondent or PEC based upon an alleged failure of the Selected Respondent to perform the Services hereunder in accordance with the provisions of the Agreement, the Purchase Order and any applicable Change Order or Change Directive.

The successful Respondent must be able to formally invoice PEC for services rendered, incorporating the iVUE-generated contract and purchase order numbers that shall be provided by PEC.

Conflicts of Interest. This RFP is specifically intended to facilitate the evaluation and selection of a business-to-business partnership. All Respondents shall disclose any possible or actual conflict of interest that a Respondent may have with the interest of PEC. Possible or actual conflicts of interest include, but are not limited to, situations where an owner, investor or employee of a Respondent, or a relative of such a person, is a PEC employee or director, circumstances where a Respondent's clientele includes parties with interests adverse to PEC's interests. If a Respondent is uncertain whether a circumstance poses a conflict or possible conflict, the circumstance should be disclosed.

A Respondent will not be automatically disqualified based on a report of a conflict or possible conflict. However, PEC reserves the right to disqualify a Respondent based upon such a report, or upon failure to disclose a conflict or possible conflict. If a contract is awarded, failure to report a conflict or possible conflict may serve as grounds for PEC to terminate such a contract.

Failure to Disclose Relevant Litigation. Failure to disclose relevant, ongoing litigation which could relate to the goods or services provided in this RFP or impact Respondent's ability to deliver the goods or services described in this RFP may, at PEC's option, result in disqualification of consideration under this or any other procurement action issued by PEC.

Independent Contractor. Respondent agrees and understands that, if selected, it and all persons designated by it to provide services in connection with the Contract, are and shall be deemed to be an independent contractors, responsible for their respective acts or omissions, and that PEC shall in no way be responsible for Respondent's actions, and that no Respondent will have any authority to bind others or to hold out to third parties, that it has such authority.

Non-solicitation. Respondent shall not hire or solicit or endeavor to influence any personnel of PEC to seek employment or a contractor relationship with Respondent while this Agreement is in effect and for a period of six (6) months after termination or expiration of this Agreement without PEC's prior written consent. Notwithstanding the foregoing, PEC shall have the right to hire any individual who, without other solicitation, responds to employment advertising in the newspapers, trade publications, or other public commercial media or any unsolicited walk-in candidates.

Other Contracts. PEC may undertake or award other contracts for additional work at or near the site of Project under this Agreement. Respondent shall fully cooperate with the other contractors and with PEC and shall carefully adapt scheduling and performing the Services under this Agreement to accommodate the additional work, heeding any direction that may be provided by PEC. Respondent shall not commit or permit any act that will interfere with the performance of work by any other contractor or by PEC's employees.

014 – SCHEDULE OF EVENTS

Following is a list of **projected dates/times** with respect to this RFP:

RFP Release Date	May 22, 2019
Pre-Submittal (Optional) Conference if Applicable	Wednesday, May 29, 2019 @ 2:00 p.m.
R.S,V,P	Tuesday, May 28, 2019 @ 5:00 p.m.
Final Questions Accepted	Thursday, June 6, 2019 @ 2:00 p.m.
Proposal Due	Thursday, June 27, 2019 @ 2:00 p.m.
Finalist Interviews	Week of July 22, 2019
Award Notification	Wednesday, August 21, 2019
Proposed Start Date	Thursday, January 2, 2020

015 – RFP EXHIBITS

RFP EXHIBIT 1

INSURANCE REQUIREMENTS

If selected to provide the services described in this RFP, Respondent shall be required to comply with the insurance requirements set forth below:

INSURANCE

Respondent shall maintain or cause to be maintained the insurance required herein, together with any other type of insurance required by the Contract, with the following requirements and at the levels as provided below:

1. Policies shall be issued by insurance companies rated "A-/VII" or better, by Best's Insurance Guide and Key Ratings (or, if Best's Insurance Guide and Key Ratings is no longer published, an equivalent rating by another nationally recognized insurance rating agency of similar standing) or other insurance companies of recognized responsibility satisfactory to PEC, until all obligations of Respondent pursuant to the Contract have been fully discharged, unless otherwise stated herein.
2. Respondent shall obtain and maintain the insurance coverage specified below on an occurrence-basis, with the exception of Professional Liability insurance which may be on a claims-made basis. If Professional Liability insurance is provided on a claims-made form, then the insurance coverage must continue for a minimum period of two (2) years beyond the expiration or termination of the Contract, and any retroactive date must coincide with or predate the Effective Date.
3. Respondent shall require any subcontractors to provide and maintain during the term of their agreements the insurance coverages specified as follows, with limits of liability deemed appropriate by Respondent. In the event work is performed by a subcontractor, Respondent shall be primarily responsible for any liability arising directly or indirectly out of the services performed that is not otherwise covered by any subcontractor's insurance.
4. THE COVERAGE SHALL NOT BE CONSTRUED AS ESTABLISHING OR LIMITING RESPONDENT'S LIABILITY.
5. PEC shall be listed as an "additional insured" on all policies other than the Workers' Compensation and Professional Liability policies.
6. Respondent for itself and its insurers hereby waives subrogation against PEC, its directors, officers, employees and agents.
7. If Respondent fails to meet the requirements herein, PEC may suspend the Contract, withhold payments or terminate the Contract for breach.
8. PEC's receipt of or failure to object to any insurance certificates or policies submitted by Respondent or its subcontractors does not release or diminish in any manner the liability or obligations of Respondent or its subcontractors or constitute a waiver of any of the insurance requirements under this Contract.
9. All policies will be endorsed to specify that they are primary to and not excess to or on a contributing basis with any insurance or self-insurance maintained by PEC. (not applicable to Workers' Compensation insurance policies).
10. The policies shall also include standard severability provisions that state each insured is provided coverage as though a separate policy had been issued to each, except with respects to limits of insurance. The policies shall not contain a cross liability or cross-suit exclusion that prevents PEC from asserting claims against the Respondent or any other insured under the policies.
11. Respondent shall be responsible for premiums, deductibles and self-insured retentions, if any, stated in policies.
12. Types of Insurance and Minimum Coverage Requirements:

Type of Insurance	Minimum Coverage
1. Workers' Compensation	Statutory
2. Employer's Liability	Not less than \$1,000,000 per occurrence and \$1,000,000 per disease/each employee.
3. Commercial General Liability	Combined single limit of not less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate, including endorsements for Premises/Operations, Personal Injury Liability, Independent Respondents Liability, Broad Form Property Damage Liability including Completed Operations,

	Products/Completed Operations, Explosion, Collapse and Underground Property Damage Liability, Blanket Contractual Liability assumed in the Contract, including indemnification liability, and Completed Operations Coverage (minimum 2 years past completion of Project) and endorsed to provide that aggregates limits apply on a per project basis. In the event the Respondent will use herbicide or pesticide, an endorsement for herbicide and pesticide applicator coverage and referenced on the certificate of insurance.
4. Automobile Liability	(owned, hired and non-owned, leased); with a combined single limit of not less than \$1,000,000
5. Professional Liability	If Respondent performing design, engineering or other professional services, with limits of at least \$1,000,000 for each occurrence and \$1,000,000 in the aggregate
6. Umbrella Insurance (Excess Liability)	Provides coverage at least as broad as and applies in excess and follows form of the primary liability coverages required above with minimum limits of \$10,000,000 per occurrence
7. Pollution Liability Insurance	Covering losses caused by pollution conditions that arise from the operations of Respondent coverage of not less than \$1,000,000 per occurrence and in the aggregate.

RFP EXHIBIT 2

INDEMNIFICATION REQUIREMENTS

If selected to provide the services described in this RFP, Respondent shall be required to comply with the indemnification requirements set forth below and as to any intellectual property rights as may have been previously described in this RFP:

INDEMNIFICATION

RESPONDENT covenants and agrees to FULLY INDEMNIFY, DEFEND and HOLD HARMLESS, PEC and its employees, officers, directors, agents and representatives of PEC, individually and collectively, from and against any and all costs, claims, liens, damages, losses, expenses, fees (including reasonable attorney fees), fines, penalties, proceedings, actions, demands, causes of action, liability and suits of any kind and nature, including but not limited to, personal or bodily injury, death and property damage, made upon PEC directly or indirectly arising out of, resulting from or related to RESPONDENT'S activities under the Contract, including any acts or omissions of Respondent, any agent, officer, director, representative, employee, consultant or subcontractor of Respondent, and their respective officers, agents, employees, directors and representatives while in the exercise of the rights or performance of the duties under the Contract. The indemnity provided for in this paragraph shall not apply to any liability resulting from the negligence or willful misconduct of PEC, its directors, officers or employees, in instances where such negligence or willful misconduct causes personal injury, death, or property damage. IN THE EVENT RESPONDENT AND PEC ARE FOUND JOINTLY LIABLE BY A COURT OF COMPETENT JURISDICTION, LIABILITY SHALL BE APPORTIONED COMPARATIVELY IN ACCORDANCE WITH THE LAWS FOR THE STATE OF TEXAS, WITHOUT, HOWEVER, PEC WAIVING ANY DEFENSES OF THE PARTIES UNDER TEXAS LAW. In addition, RESPONDENT agrees to INDEMNIFY, DEFEND, AND HOLD PEC HARMLESS from any claim involving patent infringement, trademarks, trade secrets, and copyrights on goods or services supplied. This provision survives the termination of the Contract.

The provisions of this INDEMNITY are solely for the benefit of the parties hereto and not intended to create or grant any rights, contractual or otherwise, to any other person or entity. RESPONDENT shall advise PEC in writing within 24 hours of any claim or demand against PEC or RESPONDENT known to RESPONDENT related to or arising out of RESPONDENT's activities under the Contract and shall see to the investigation and defense of such claim or demand at RESPONDENT's cost. PEC shall have the right, at its option and at its own expense, to participate in such defense without relieving RESPONDENT of any of its obligations under this paragraph.

016 – RFP ATTACHMENTS

PLEASE NOTE: RFP ATTACHMENTS ARE PROVIDED ON A SEPARATE WORD FORMAT FOR YOUR RESPONSE

RFP ATTACHMENT A, PART ONE

GENERAL INFORMATION FORM

Respondent Questionnaire: Provide the following information regarding the Respondent.
 (NOTE: If Respondent is proposing as a team or joint venture with each entity signing the Contract, if awarded, each should complete this information. Sub-contractors are not co-Respondents and should not be identified here.)

Question	Response
Respondent Name: (NOTE: Give exact legal name as it will appear on the contract, if awarded.)	
Principal Address, City, State, and Zip Code	
Telephone No:	
Fax No:	
Website address:	
Year established:	
Provide the number of years in business under present name:	
Social Security Number or Federal Employer Identification Number	
DUNS NUMBER:	
Business Structure: Indicate the business structure of the Respondent: Individual or Sole Proprietorship (List Assumed Name, if any); Partnership; Limited Liability Company, For Profit Corporation; Nonprofit Corporation; Domestic; Foreign or Other (list business structure)	
Annual Revenue:	
Total Number of Employees:	
Total Number of Current Clients/Customers:	
Briefly describe other lines of business that the company is directly or indirectly affiliated with:	
Texas Comptroller's Taxpayer Number, if applicable NOTE: This 11-digit number is sometimes referred to as the Comptroller's TIN or TID.)	
Briefly describe other lines of business that the company is directly or indirectly affiliated with:	
List Related Companies:	
Printed Name of Contract Signatory and Title:	
Provide any other names under which Respondent has operated within the last 10 years and length of time under for each	
Provide address of office from which this project would be managed (Address, City, State, Zip Code. Telephone No., and Fax No.)	
Contact Information: List the one person who PEC may contact concerning your proposal or setting dates for meetings. (Name, Title, Address, City, State, Zip Code, Telephone No., and E-mail Address)	
Does Respondent anticipate any mergers, transfer of organization ownership, management reorganization, or departure of key personnel within the next twelve (12) months?	
Is Respondent authorized and/or licensed to do business in Texas? (If "Yes", list authorizations/licenses)	
Where is the Respondent's corporate headquarters located?	

Question	Response
<p>Local/County Operation: Does the Respondent have an office located in Texas (If yes, please indicate how long has the Respondent conducted business in its Texas office and state the number of full-time employees at the Texas office)</p>	
<p>Debarment/Suspension Information: Has the Respondent or any of its principals been debarred or suspended from contracting with any public entity? If "Yes", identify the public entity and the name and current phone number of a representative of the public entity familiar with the debarment or suspension, and state the reason for or circumstances surrounding the debarment or suspension, including but not limited to the period of time for such debarment or suspension.</p>	
<p>Surety Information: Has the Respondent ever had a bond or surety canceled or forfeited?</p>	
<p>Bankruptcy Information: Has the Respondent ever been declared bankrupt or filed for protection from creditors under state or federal proceedings? If "Yes", state the date, court, jurisdiction, cause number, amount of liabilities and amount of assets.</p>	
<p>Tax Lien Information.</p>	<p>Complete the Litigation Disclosure Form as Needed</p>
<p>Disciplinary Action: Has the Respondent ever received any disciplinary action, or any pending disciplinary action, from any regulatory bodies or professional organizations? If "Yes", state the name of the regulatory body or professional organization, date and reason for disciplinary or impending disciplinary action</p>	
<p>Litigation Information.</p>	<p>Complete the Litigation Disclosure Form as Needed</p>
<p>Previous Contracts: Has the Respondent ever failed to complete any contract awarded? If "Yes", state the name of the organization contracted with, services contracted, date, contract amount and reason for failing to complete the contract.</p>	
<p>Has any officer or partner proposed for this assignment ever been an officer or partner of some other organization that failed to complete a contract? If "Yes", state the name of the individual, organization contracted with, services contracted, date, contract amount and reason for failing to complete the contract.</p>	
<p>Has any officer or partner proposed for this assignment ever failed to complete a contract handled in his or her own name? If "Yes", state the name of the individual, organization contracted with, services contracted, date, contract amount and reason for failing to complete the contract.</p>	

REFERENCES

Provide three (3) references, that Respondent has provided services to within the past three (3) years. The contact person named should be familiar with the day-to-day management of the contract and be willing to respond to questions regarding the type, level, and quality of service provided. PEC employees should not be included as a reference.

Reference No. 1:	
Firm/Company Name:	
Contact Name and Title:	
Address, City, State, Zip Code:	
Telephone No:	
Fax No:	
E-mail Address:	
Date and Type of Service(s) Provided:	

Reference No. 2:	
Firm/Company Name:	
Contact Name and Title:	
Address, City, State, Zip Code:	
Telephone No:	
Fax No:	
E-mail Address:	
Date and Type of Service(s) Provided:	

Reference No. 3:	
Firm/Company Name:	
Contact Name and Title:	
Address, City, State, Zip Code:	
Telephone No:	
Fax No:	
E-mail Address:	
Date and Type of Service(s) Provided:	

RFP ATTACHMENT A, PART TWO

EXPERIENCE, BACKGROUND, QUALIFICATIONS

Prepare and submit narrative responses to address the following items. If Respondent is proposing as a team or joint venture, provide the same information for each member of the team or joint venture.

1. Describe Respondent's experience relevant to the Scope of Services requested by this RFP. List and describe relevant projects of similar size and scope performed over the past four years. Identify associated results or impacts of the project/work performed.
2. Describe Respondent's specific experience with utility clients, especially electric utilities. If Respondent has provided services for PEC in the past, identify the name of the project and the department for which Respondent provided those services.
3. List other resources, including total number of employees, number and location of offices, number and types of equipment available to support this project.
4. If Respondent is proposing as a team or joint venture or has included sub-contractors, describe the rationale for selecting the team and the extent to which the team, joint ventures' and/or sub-contractors have worked together in the past.
5. Identify the number and professional qualifications (to include licenses, certifications, associations) of staff to be assigned to the project and relevant experience on projects of similar size and scope.
6. State the primary work assignment and the percentage of time key personnel will devote to the project if awarded the contract.
7. Additional Information. Identify any additional skills, experiences, qualifications, and/or other relevant information about the Respondent's qualifications.
8. Has the respondent been an AMI provider for at least ten years?
9. Has the current solution been commercially available for a minimum of five years?
10. Has the respondent had a minimum of five deployments of 75,000+ AMI endpoints?
11. Is your solution capable of handling DA, if so please explain DA options?

**RFP ATTACHMENT A, PART THREE
APPROACH PLAN**

Proposed Plan Prepare and submit narrative responses to address the following items. Responses to questions listed in Attachment A – Part Three should be limited to a total of ten (10) pages. If Respondent is proposing as a team or joint venture, provide the same information for each member of the team or joint venture.

1. Operating Plan - Describe the proposed plan to conduct operations, including service categories, specific tasks, staff assigned and schedule of events.
2. Service and Maintenance Plan - Describe plan to ensure service and maintenance of equipment throughout term of the contract. Identify proposed tasks and schedule.
3. Training Plan – Describe the proposed plan to train PEC employees during and after implementation.
4. Management Plan – Describe the Respondent’s project management role and their responsibilities throughout the project.
5. Communication Plan – Describe plan and resources available to help PEC communicate the AMI project to its employees and members.

Additional Information - Provide any additional plans and/or relevant information about Respondent’s approach to providing the required services or goods.

RFP ATTACHMENT A, PART FOUR

SYSTEM ARCHITECTURE PLAN

Proposed Plan Prepare and submit narrative responses to address the following items. Responses to questions listed in Attachment A – Part Four should be limited to a total of ten (10) pages.

System Architecture Plan

Head End

1. Proposer shall provide detailed specifications of all the servers and software needed to include supported operating systems, database, middleware, and other required applications. PEC prefers Microsoft Windows Server 2016 or greater with Oracle 12c or greater running on VMware based virtual servers.
2. Proposer shall provide estimated data storage totals based on aforementioned meter and interval read counts.
3. In addition to the production system, Proposer shall provide a development/quality assurance non-production environment on which to test and configure system software changes. (Include the separate cost, if any, of the non-production system in the pricing proposal.)
4. The system software and functions should be quickly and easily accessible to users even in the event of a failure of a computer or server. Describe support for data storage, backup, restoration, and disaster recovery, including but not limited to clustering, redundant servers, hot standby, etc.

Backhaul Requirements

1. The collector shall communicate via a universal wide area network (WAN) connection, such as cellular, Ethernet or fiber to allow communication with the head end server software.
2. If the vendor proposal assumes cellular based communications for field units such as collectors, routers, and/or end points the vendor shall provide coverage maps for at least 2 major cellular providers with an itemized list of estimated upfront and reoccurring costs.
3. Should the proposer's system communicate using licensed bands all work associated with licensed bands shall be included in the proposal and shall be the responsibility of the successful proposer and include provisions for potential 20-year growth within the PEC service territory.

Cyber Security

1. The vendor shall include in their proposal their approach to cyber security.
2. The AMI head-end system shall authenticate and authorize users of the system through user login names and encrypted passwords, configurable role and function-based controls to limit access to data, limit access to software functions and features of the system, and provide traceability and thorough user audit logging.
3. Describe the process for establishing user access privileges. Describe support for secure access and authentication, role-based security and permission-based functionality for internal and external users and Application Programming Interfaces (APIs), and the level to which security is granted (e.g., function, user, data element).
4. Describe the security infrastructure of the proposed head-end software; how security is implemented at the presentation, application, database, and network levels; logging of system access and database transactions for all actions, and items captured as part of the security log attributes.
5. Describe the system's data encryption capabilities across the AMI network between the head end system and the AMI field devices. Provide type and level of encryption provided as well as the ability to support future changes/improvements to encryption methods.
6. Proposer shall show how their solution supports the separation of DA and metering network traffic to facilitate current or future industry compliance requirements? (i.e. NERC CIP)

Internal Controls

1. If available, the proposer shall provide their most recent Service Auditor's Report (commonly referred to as a SAS 70 or SSAE 16 report) or similar document that describes the effectiveness of the vendor's internal control environment as it relates to data security. PEC will request and the vendor shall provide annual updates of these reports.
2. Proposer warrants that any and all software provided as part of its system to PEC does not contain any program code, virus, worm, trap door, back door, timer, or clock that would erase data or programming or otherwise cause the software to become inoperable, inaccessible, or incapable of being used in accordance with its user manuals, either automatically, upon the occurrence of Proposer-selected conditions, or manually on the command of Proposer, or upon occurrence of user-selected conditions.

Misc

1. Describe upgrade frequency and notification process.
2. Annual costs shall also be provided to PEC to include software licensing and maintenance fees, proposed annual equipment preventive maintenance agreement costs and/or actual preventive maintenance, and any other expected costs associated with normal system maintenance.

RFP ATTACHMENT B

PRICING SCHEDULE

PEC will provide flash drives with meter, pole, substation, and transformer locations and will be distributed at the Pre-Submittal Conference or by request. This location information is broken down into two folders that include PEC_East and Junction. Respondent is to provide two separate pricing schedules based on the area covered in each territory. **(See Example below of Price Sheet)**

PEC AMI Pricing Sheet (Example)							
	ITEM			Units			Cost
Phase 1							
Infrastructure Support Equipment (Collectors, Data Collection Units, Cables, Antennas, Batteries, Routers, Repeaters, etc)							
Headend Software, Licensing							
Annual recurring fee's, support cost, etc.							
Training, O&M, Project Management							
75,000 AMI Meters				75,000			
3000 C&I Meters				3000			
							Phase 1 Total
Option 1: All meters in eastern territory							
Form and Class	Count						
2S CL 200	294,794			294,794			
2S CL 320	8,174			8,174			
3S CL 20	8			8			
4S CL 20	1,405			1,405			
5S(45S)CL 20	597			597			
9S CL20	3,854			3,854			
12S CL 200	2,187			2,187			
16S CL 320	4,215			4,215			
Total	315,234						Option 1 Total
Option 2: All Meters in western territory							
Infrastructure							
Meters				11,000			11,000
							Option 2 Total
Please list the Minimum IT Equipment Requirements to be provided by PEC to support the above							
Item				Recommended Units			
A.							
B.							
C.							

RFP ATTACHMENT C

LITIGATION DISCLOSURE FORM

Respond to each of the questions below, failure to fully and truthfully disclose the information required by this Litigation Disclosure Form may result in the disqualification of your proposal from consideration or termination of the contract, once awarded.

If you have answered "Yes" to any of the questions, please indicate the name(s) of the person(s), the nature, and the status and/or outcome of the information, indictment, conviction, termination, claim or litigation, as applicable. Any such information should be provided on a separate page, attached to this form and submitted with your proposal.

Question	Response (Yes or No)
Have you or any member of your Firm or Team to be assigned to this engagement ever been indicted or convicted of a felony or misdemeanor greater than a Class C in the last five (5) years?	
Have you or any member of your Firm or Team to be assigned to this engagement been terminated (for cause or otherwise) from any work being performed for any Federal, State or Local Government, or private entity?	
Have you or any member of your Firm or Team to be assigned to this engagement been involved in any claim or litigation with any Federal, State or Local Government, or private entity during the last ten (10) years?	

RFP ATTACHMENT D

SIGNATURE PAGE

By submitting a Proposal, Respondent represents that:

If awarded a contract in response to this RFP, Respondent will be able and willing to execute a contract, with the understanding that the scope and compensation provisions will be negotiated and included in the final contract.

If Respondent is a corporation, Respondent will be required to provide a certified copy of the resolution evidencing authority to enter into the contract, if other than an officer will be signing the contract.

If awarded a contract in response to this RFP, Respondent will be able and willing to comply with the insurance and indemnification requirements set out in RFP Exhibits 1 & 2.

If awarded a contract in response to this RFP, Respondent will be able and willing to comply with all representations made by Respondent in Respondent's Proposal and during the Proposal process.

Respondent has fully and truthfully submitted a Litigation Disclosure Form with the understanding that failure to disclose any required information may result in disqualification of this Proposal from consideration.

Respondent agrees to fully and truthfully submit the General Information Form and understands that failure to fully disclose requested information may result in disqualification of this Proposal from consideration or termination of Contract, once awarded.

To comply with PEC's Restriction on Communication that prohibits a person or entity seeking a PEC contract —or any other person acting on behalf of such a person or entity —from contacting PEC officials or their staff after the release date of this RFP and prior to award.

(S)he is authorized to submit this proposal on behalf of the entity.

Complete the following and sign on the signature line below. Failure to properly sign and submit this Signature Page may result in rejection of your proposal.

Respondent Entity Name:

Signature: _____

Printed Name: _____

Title: _____

Date: _____

(NOTE: If proposal is submitted by Co-Respondents, an authorized signature from a representative of each Co-Respondent is required. Add additional signature blocks as required.)

Co-Respondent must also log in using Co-Respondent's log-on ID and password, and submit a letter indicating that Co-Respondent is a party to Respondent's proposal and agrees to these representations and those made in Respondent's proposal. While Co-Respondent does not have to submit a copy of Respondent's proposal, Co-Respondent should answer any questions or provide any information directed specifically to Co-Respondent.

Co-Respondent Entity Name

Signature: _____

Printed Name: _____

Title: _____

RFP ATTACHMENT E

PROPOSAL CHECKLIST

Use this checklist to ensure that all required documents have been included in the proposal and appear in the correct order.

Document	Initial to Indicate Document is Attached to Proposal
Table of Contents	
Executive Summary	
General Information and References RFP Attachment A, Part One	
Experience, Background & Qualifications RFP Attachment A, Part Two	
Approach Plan RFP Attachment A, Part Three	
System Architecture Plan RFP Attachment A, Part Four	
Pricing Schedule RFP Attachment B	
Litigation Disclosure Form RFP Attachment C	
Copy of Current Certificate of Insurance	
Audited Financial Statements	
Vendor Information Form (if applicable)	
* Signature Page and Corporate Resolution, if applicable RFP Attachment D	
Proposal Checklist RFP Attachment E	

*Documents marked with an asterisk on this checklist require a signature. Be sure they are signed prior to submittal of proposal.