Request for Proposals

RFP-PTF-2020-012

Activity Title: “Procurement of LiDAR based wind prospecting units”

Issuance Date: June 29, 2020

Deadline for Receipt of Questions: July 8, 2020 at 12:00 pm EST Washington, DC, USA.

Proposal Closing Date and Time: July 27, 2020 at 12:00 pm EST Washington, DC, USA.

Issuance of this RFP does not constitute an award commitment on the Tetra Tech ES, Inc., nor does it commit to pay for any costs incurred in preparation or submission of comments/suggestions of a proposal. Proposals are submitted at the risk of the Bidders. All preparation and submission costs are at the Bidder’s expense.
# Table of Contents

1. **INTRODUCTION** ................................................................................................................................. 3  
2. **BIDDER’S QUALIFICATIONS** ............................................................................................................... 3  
3. **SOURCE, ORIGIN AND NATIONALITY RESTRICTIONS** ............................................................... 3  
4. **SUBMISSION OF PROPOSALS** ........................................................................................................... 3  
5. **QUESTIONS AND CLARIFICATIONS** ............................................................................................. 3  
6. **PROPOSALS PREPARATION INSTRUCTIONS** ............................................................................... 4  
7. **EVALUATION CRITERIA** ..................................................................................................................... 5  
8. **TERMS OF PAYMENT** ....................................................................................................................... 6  
9. **DUNS NUMBER AND SAM.GOV REGISTRATION** .......................................................................... 6  
10. **NEGOTIATIONS** ............................................................................................................................... 6  
11. **MULTIPLE AWARD/NO AWARD** ..................................................................................................... 6  

**ATTACHMENT A – TECHNICAL SPECIFICATIONS** ............................................................................ 7  
**ATTACHMENT B – DETAILED BUDGET** ............................................................................................. 9  
**ATTACHMENT C – REPRESENTATIONS AND CERTIFICATIONS** ..................................................... 10
1. **INTRODUCTION**

The purpose of this RFP is the provision of **LiDAR based wind prospecting units** in accordance with the Technical Specifications (TS) and other requirements outlined in the Attachment A – under Power the Future Activity (PtF) funded by USAID and implemented by Tetra Tech ES, Inc.

2. **BIDDER’S QUALIFICATIONS**

Bidder must provide the following information and references in order to be qualified for the procurement process:

1. Company’s information, including official registered title, type of business, address, and contact person information.

2. A short description of the company and of past similar experience in providing similar components as those described in the Attached A.

3. Certification that company is not owned or controlled in total or in part by any entity of any government.

4. Certification by any subcontractor engaged by the company for this project that the subcontractor is not owned or controlled in total or in part by any entity of any government.

5. The Bidder shall complete and sign the Representation and Certifications found in Attachments C to this document and include them with the Bidder’s proposal. Proposals that do not include these certifications will not be considered.

3. **SOURCE AND NATIONALITY RESTRICTIONS**

The authorized geographic codes for procurement of goods and services under this Contract are 110 and 937 for the prime Contract and its subcontractors or as specified in task order.

- Code 937 is defined as the United States, the cooperating/country, and developing countries other than advanced developing countries, and excluding prohibited sources.
- Code 110 is defined as the United States, the independent states of the former Soviet Union, or developing country, but excluding any country that is a prohibited source.

Procurement of Agricultural commodities and related products, motor vehicles and pharmaceuticals are subject to the limitations in 22 CFR 228.19 and will require a waiver.

Firms and organizations not from the afore-referenced Geographic Code countries may nevertheless submit a proposal, as Tetra Tech will seek Geographic Code waivers from USAID, as appropriate.

4. **SUBMISSION OF PROPOSALS**

All proposals are due on July 27, 2020 by no later than 12:00 pm EST (Washington, DC, USA). Proposals must be submitted via e-mail at the address PtFCarembids@tetratech.com in the following formats: Adobe Acrobat and Microsoft Word and/or Excel.

All proposals must fully respond to the Technical Specifications enclosed as **Attachment A** and must include quotes in the format provided in the **Attachment B - Table 1 – Budget**. Proposals received after the above-stated due date and time will not be considered for this procurement.

5. **QUESTIONS AND CLARIFICATIONS**
All questions or clarifications regarding this RFP must be in writing and submitted in English to PtFCarembids@tetratech.com no later than July 8, 2020 at 12:00 pm EST (Washington, DC, USA).

Questions and requests for clarification, and the responses thereto, will be circulated to all RFP recipients. Only written answers from Tetra Tech ES, Inc. will be considered official and carry weight in the RFP process and subsequent evaluation. Any answers received outside the official channel, whether received verbally or in writing, from employees or representatives of Tetra Tech ES, Inc., or any other party, will not be considered official responses regarding this RFP.

6. PROPOSALS PREPARATION INSTRUCTIONS

All Bidders must follow the instructions set forth herein in order to be qualified for the procurement process. If a Bidder does not follow the instructions set forth herein, the Bidder’s proposal may be eliminated from further consideration or the proposal may be downgraded and not receive full credit under the applicable evaluation criteria.

Separate Technical and Cost Proposals must be submitted. All proposals should be submitted in English.

Bidders are encouraged to source from third parties and aggregate to his proposal all those elements that are not catered in their usual range or portfolio. Alternatively, bidders can opt to supply only any number of the listed items.

Technical Proposal

The suggested outline for the technical proposal is stated below:

A. Organization’s Information

1. Organization’s information, including official registered title, type of business, list of offices if applicable, address, telephone, fax and website.
2. Organization’s DUNS number if proposed price is more than USD $30,000
3. Authorized point of Contact with phone number(s) and email address

B. Technical Capability

Description of the equipment, capacities, tolerances, and warranty. Bidder may highlight any aspect of the proposed equipment and services which bidder considers relevant.

C. Company Past Performance

Bidders should provide a summary of relevant works or assignments including the Type, Client, Date and a brief description. The qualifications section is limited to 5 of the most relevant assignments performed in the last 5 years, presented in the following table format. If the client is confidential, simply list “confidential”.

<table>
<thead>
<tr>
<th>Type of work or title of assignment</th>
<th>Description of services and/or goods provided</th>
<th>Client name</th>
<th>Completion date</th>
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</table>
D. Logistics solution

Bidder shall provide detailed information regarding the various stages and times associated with the process of delivering the equipment, which may include customs clearance, agent, insurance, freight company, and others. Goods shall travel fully insured to allow immediate replacement and delivery without any further costs.

Bidder be aware that proposed delivery time at final destination will be a contractual obligation and bidder may be levied with penalties for any delays.

Financial Proposal

A. Detailed Budget

Bidder shall complete the Table 1 of the Attachment B “Detailed Budget” in order to allow Tetra Tech ES, Inc. to compare all quotes and make a competitive selection. The budget should be provided in Excel format with unlocked cells.

Bidder shall include in separate data sheets, brochures and certifications, the relevant detailed description of each element and the information that supports the compliance of each element with the requirements defined in Annex A.

Tetra Tech ES, Inc. reserves the right to request additional cost information if the evaluation committee has concerns of the reasonableness, realism, or completeness of the Bidder’s proposals.

Bidder shall provide all unit pricing in USD. Prices quoted in this document shall be valid for a 180-day time period, including but clearly separated all taxes, duties, logistics, insurances, other costs and the VAT originated in destination, if applicable.

For this procurement the beneficiary institutions in country have obtained a customs and taxes exemption, but VAT and other taxes associated with logistics and other services or products procured in-country by bidder may be subject to taxes, which shall be detailed as requested.

B. Representations and Certifications

These documents can be found in Attachments C of this RFP and must be submitted as part of the Proposal.

7. EVALUATION CRITERIA

Award will be made to the bidder representing the best value in consideration of equipment exceeding the technical requirements, supply of all groups of elements, shorter delivery time, previous clients and total price. Bidders are encouraged to provide a discount to their standard commercial rates.

Tetra Tech ES, Inc. reserves the right to conduct discussions with selected bidder(s) in order to identify the best value offer. Award of any resulting Subcontract Agreement shall be made by Tetra Tech ES, Inc.
on a best value basis, with evaluation of proposed price as well as proposed services and implementation schedule.

Quotations will be scored on a 100-point scale. Available points for each evaluation factor are given below.

<table>
<thead>
<tr>
<th>#</th>
<th>Evaluation factor or criteria</th>
<th>Maximum points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Exceed technical requirements</td>
<td>20</td>
</tr>
<tr>
<td>2</td>
<td>Shorter delivery time</td>
<td>10</td>
</tr>
<tr>
<td>3</td>
<td>Previous experience</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>Total price, inclusive transport</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

8. TERMS OF PAYMENT

Payment terms for the awarded Subcontract Agreement shall be net forty-five (45) days after satisfactory completion and acceptance and of services and deliverables. Payment shall be made by Tetra Tech ES, Inc. via bank wire transfer. No advance payments will be provided.

9. DUNS NUMBER AND SAM.GOV REGISTRATION

If the proposed fixed price is above $30,000, the successful bidder will be required to furnish a DUNS number and proof of SAM.gov registration within 24-48 hours of notice of award. Information regarding obtaining a DUNS number may be found here: https://fedgov.dnb.com/webform

10. NEGOTIATIONS

Best offer proposals are requested. It is anticipated that a subcontract will be awarded solely on the basis of the original offers received. However, Tetra Tech ES, Inc. reserves the right to conduct discussions, negotiations and/or request clarifications prior to awarding a contract. Furthermore, Tetra Tech ES, Inc. reserves the right to conduct a competitive range and to limit the number of Bidders in the competitive range to permit an efficient evaluation environment among the most highly rated proposals. Highest-rated Bidders, as determined by the evaluation committee, may be asked to submit their best prices or technical responses during a competitive range.

11. MULTIPLE AWARD/NO AWARD

Tetra Tech ES, Inc. reserves the right to issue multiple awards. Tetra Tech ES, Inc. also reserves the right to issue no awards.
ATTACHMENT A – TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Scope of work and/or services</th>
<th>Provision of LiDAR based for wind prospecting, inclusive of additional components and services as listed herein.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Place of performance</td>
<td>Nur Sultan and Almaty, in Kazakhstan and Tashkent in Uzbekistan.</td>
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</tbody>
</table>

Bidder shall provide the requested items at destination, inclusive of all operational components and required training for users.

<table>
<thead>
<tr>
<th>Quantity of Units</th>
<th>Item description</th>
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<tbody>
<tr>
<td>5</td>
<td>LiDAR Main unit including weather station, with at least, these characteristics:</td>
</tr>
<tr>
<td></td>
<td>Wind data: speed, direction, turbulence intensity, shear, vertical speed.</td>
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<tr>
<td></td>
<td>Weather data: temperature, pressure, humidity</td>
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<tr>
<td></td>
<td>Wind measuring height: &gt; 200 m</td>
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<tr>
<td></td>
<td>Wind speed: ≥ 70 m/s</td>
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<td></td>
<td>Speed accuracy value: ≤ 0.2 m/s or ≥ 99%</td>
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<tr>
<td></td>
<td>Direction accuracy value or directions variation: ≤ 1 degree</td>
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<td></td>
<td>Sampling rate: 50 Hz (50 samples per second) and ≥ 1 second averages</td>
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<tr>
<td></td>
<td>Operation temperatures: ≥ -40C and ≤ +50C and Enclosure IP: ≥ IP67</td>
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<td>Warranty: ≥ 3 years – Quote 5 years extension</td>
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<td>Calibration: ≥ 3 years – Quote 5 years extension or equivalent service.</td>
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<td>Fully IEC Classified to IEC 61400-12-1: 2017</td>
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<td>Real-time Quality Controlled 1-second data</td>
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<td>Units certified under DNV GL Stage 3 approved finance-grade data</td>
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<tr>
<td></td>
<td>Optional: Validated and audited CFD conversion for finance-grade data in complex terrain</td>
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<td>Solar based BESS power supply units of adequate capacity for application and environment (bidder to evaluate the required sizing based on solar resource available in the country’s three main IEC wind class areas, inclusive of applicable warranty and access to support services as applicable.</td>
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<td>Data management services, web access to download the raw data and proprietary and/or third-party software licenses to program the units, if applicable.</td>
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<td>Deliver the user training and reference materials on installation, operation and OM at destination addresses countries (in Kazakhstan and Uzbekistan).</td>
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<td>Provide user’s access to support and troubleshooting services under warranty and provide quote for support services extensions.</td>
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<td>Warranty extension: Please quote extension to 5 years if applicable to your units.</td>
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<td>Calibration period extension or on-country calibration service, please quote as applicable to your units.</td>
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Subscription based software and telecommunications solutions which initial period may be included by bidder in his proposal, must be clearly stated and the cost detailed. In the case of subscription-based software solutions, bidder shall propose alternatives to his preferred or proposed option.
Prices quoted must account for **ALL** remuneration, per diem, travel, communications, report reproduction and other out-of-pocket expenses, taxes and other costs, but including the VAT tax that may be originated in the recipient country. In case of custom clearance the relevant costs should be included in the detailed budget.

On this basis, Tetra Tech will issue a Fixed-Price Contract.

For transport and services delivery cost calculation, the delivery cities and recipient entities are:

- 3 units to be delivered and additional services to be provided in Kazakhstan, to the following recipients:
  - 1 of the 3 units to Almaty University of Power Engineering and Telecommunications (AUPET), in the city of Almaty.
  - 2 of the 3 units to the Financial Settlement Center of Renewable energy (FSC), in the city of Nur Sultan.

- 2 units to be delivered and additional services to be provided in Uzbekistan, to the following recipients:
  - 2 of the 2 units to the Ministry of Innovative Development of the Republic of Uzbekistan, in the city of Tashkent.

The final details of receiving entity, address and special customs clearance requirements will be communicated to the awardee at the time of the award.

**SPECIAL CIRCUMSTANCES**

In the event bidder is unable to complete the services scope, such as users training, due to properly justified force majeure events or restrictions beyond the bidder’s control after arrival of all equipment to sites and approval from Tt, bidder may coordinate with recipient teams on the site for the remote completion of the services scope while bidder’s obligations and schedules herein remain unchanged.

If bidder is not capable or renounces to provide the adequate remote support, bidder will renounce to any eventual rights and claims over the already delivered or in transit equipment in favor of Tt, while bidder remains obligated to complete fulfillment of any warranties, even those which may be contingent to bidder’s provision of undeliverable services; nevertheless, bidder will be entitled to payment for any adequately documented pending amounts associated with the equipment already received on site with deductions equivalent to the undeliverable scope.
## DETAILED BUDGET

List and cost of equipment and Services

<table>
<thead>
<tr>
<th>Remark</th>
<th>Item</th>
<th>Units</th>
<th>Price, USD (no VAT incl)</th>
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**TOTAL (VAT EXCLUDED)**

**TOTAL LOGISTICS**

**TOTAL INSURANCE**

**TOTAL DUTIES (IF APPLICABLE)**

**VAT IN COUNTRY (IF APPLICABLE)**

**OTHER COSTS**

**TOTAL COST DELIVERED**
ATTACHMENT C – REPRESENTATIONS AND CERTIFICATIONS

Bidder Representations and Certifications

1. **Organizational Conflict of Interest Representation**

The Bidder represents, to the best of its knowledge and belief, that this award:
   - [ ] does or [ ] does not involve an organizational conflict of interest.

   *Please see FAR 52.209-8 for further explanation.*

2. **Data Universal Numbering System (DUNS) Number** *(required if cost proposal is more than USD $30,000)*

   (please use one box per number or dash)

3. **Source and Nationality of Goods and Commodities**

   (i) This is to certify that the Bidder is:
   - a. an individual who is a citizen or legal resident of ________________.
   - b. a corporation of partnership organized under the laws of ________________.
   - c. a controlled foreign corporation of which more than 50% of the total combined voting power of all classes of stock is owned by United States shareholders; or
   - d. a joint venture or incorporated association consisting entirely of individuals, partnerships or corporations. If so, please describe separately the citizenship or legal status of the individuals, the legal status of the partnership or corporations, and the percentage (%) of voting power of the corporations.

   (ii) This is to certify that the **Source** (the country from which a commodity is to be shipped from) of the Equipment to be supplied under this Order is:

   

   name of country or countries

By signing below, the Bidder certifies that the representations and certifications made, and information provided herein, are accurate, current and complete.

Signature: ________________________________ Date: ________________________________

Name of and title of authorized signature: ________________________________