

# Request for Proposals

## RFP-UESP-2019-021

**Activity Title: “Development of Electronic Auction Platform for Sale of  
‘Green’ Energy Quotas”**

**Issuance Date: December 17, 2019**

**Deadline for Receipt of Questions: December 24, 2019 at 14:00**

**Closing Date and Time: December 31, 2019 at 14:00**

*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 offerors. All preparation and submission costs are at the offeror’s expense.*

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## 1. INTRODUCTION

The purpose of this RFP is to solicit proposals for **Development of Electronic Auction Platform for Sale of 'Green' Energy Quotas** within the Scope of Work (SOW) specified in the Attachment A – Technical Specification within the Energy Security Project implementation funded by the U.S. Agency for International Development (USAID) and implemented by Tetra Tech ES, Inc. (Tetra Tech).

## 2. OFFEROR'S QUALIFICATIONS

Offeror 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 the services described in the Attachment A -Technical Specification.
3. Overall technical approach to fulfill the specifications defined in Attachment A – Technical Specifications.
4. Certification that company is not owned or controlled in total or in part by any entity of any government.
5. The Offeror shall complete and sign the Representation and Certifications found in Attachments D to this document and include them with the Offeror's proposal. Proposals that do not include these certifications will not be considered.
6. Offerors listed in the Excluded Parties List System will not be considered. The Excluded Parties List can be found at <https://www.sam.gov/SAM/pages/public/searchRecords/searchResults.jsf>
7. Certificate of current cost or pricing data (Attachment E).

## 3. SOURCE, ORIGIN AND NATIONALITY RESTRICTIONS

The USAID authorized geographic code for the Energy Security Project is 937 and 110. Code 937 is defined as the United States, the Cooperating Country, and developing countries other than advanced developing countries, but excluding any country that is a prohibited source. 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.

Reference: USAID ADS Chapter 310, and all its sub-sections. These documents are available on the Internet.

## 4. SUBMISSION OF PROPOSALS

All proposals are due on **December 31, 2019** by no later than **14:00** local time in Ukraine. Proposals must be submitted via e-mail at the address **UESPprocurement@tetrattech.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 C - Table 1 – Detailed 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 and Ukrainian, to **UESPprocurement@tetrattech.com** on **December 24, 2019** no later than **14:00** local time in Ukraine. Questions and requests for clarification, and the responses thereto, will be circulated to all RFP recipients.

Only written answers from ESP Procurement Office of Tetra Tech 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, or any other party, will not be considered official responses regarding this RFP.

## **6. PROPOSALS PREPARATION INSTRUCTIONS**

All Offerors must follow the instructions set forth herein in order to be qualified for the procurement process. If an Offeror does not follow the instructions set forth herein, the Offeror'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 and Ukrainian.

### **TECHNICAL PROPOSAL**

The technical proposal (excluding CVs) shall not exceed **11** pages. Proposals will be scored on a 100-point scale. Available points for each evaluation factor are given below. Offerors must address each evaluation factor.

The suggested outline for the technical proposal is stated below:

#### **A. Organization's Information (maximum 2 pages)**

- Organization's information, including official registered title, type of business, list of offices if applicable, address, telephone, fax and website.
- Organization's DUNS number.
- Authorized point of Contact with phone number(s) and email address.
- Experience of the firm of at least 5 years in the public and private sector

#### **B. Company Technical Capability (maximum 2 pages)**

Description of organization, including activities/qualifications carried out like the scope of work requested.

#### **C. Technical Approach (maximum 3 pages)**

Present a narrative that describes how the Offeror would implement the tasks identified in the scope of work. This narrative must also include:

- A management approach which describes how the Offeror will manage the delivery of the services and how the Offeror will interact with ESP.
- A draft work plan that outlines the proposed activities over the course of the period of performance.
- Proposed performance indicators to measure the impact of the Offeror's planned activities and the progress of the Awardees as a result of the Offeror's assistance.

Information which the Offeror considers proprietary, if any, should be clearly marked “proprietary” next to the relevant part of the text and it will then be treated as such.

**D. Proposed Staff (maximum 2 pages, excluding CVs)**

Present a narrative that includes the following:

- Team composition (names, specialties/area of expertise, position/role, etc.), with detailed bios, and task assignments to perform the activities described in the SOW.
- Curriculum Vitae (CV) for all labor categories named in the Attachment A. (CVs shall be limited to 3 pages each) that describes their experience and lists the following:
  - Affiliation/Organization
  - Education
  - Years of Professional Experience
  - Relevant Experience to the SOW in this RFP
  - Fluency in English

In addition to presenting the CVs, offerors should complete and include the table below:

Proposed Personnel's Name, Last Name	Proposed Position Under This Assignment	Qualification	Years of Professional Experience

**E. Company Past Performance (maximum 2 pages)**

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

Project (task) name (title)	Description of the project (task) and services provided	Client name, phone number and email address	Dates of execution

## **FINANCIAL PROPOSAL**

### **a. Detailed Budget**

Offeror shall complete the **Table 1 of the Attachment C “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 and formula.

A price must be provided for each project component to be considered compliant with this request. The price proposal should include the individual line items shown in the template, e.g., fully-burdened daily rates, travel costs, and other direct costs. Offers must show unit prices, quantities, and total price. All items, services, etc. must be clearly labeled and included in the total offered price. The price proposal shall also include a budget narrative that explains the basis for the estimate of every cost element or line item. Supporting information must be provided in sufficient detail to allow for a complete analysis of each cost element or line item. Tetra Tech reserves the right to request additional cost information if the evaluation committee has concerns of the reasonableness, realism, or completeness of an Offeror’s proposed price.

Offeror shall provide unit pricing in **US dollars (USD)**. Prices quoted in this document shall be valid for a 100-day time period, include all taxes and other costs but excluding the VAT tax originated in Ukraine.

### **b. 1420 Forms for the proposed personnel**

For each staff member proposed, the Offeror shall submit a completed and signed USAID 1420 forms.

USAID form 1420 can be downloaded here: <https://www.usaid.gov/forms/aid-1420-17>

### **c. Proposed Billing Rates Certification**

Document on company letterhead certifying the labor rates being proposed are standard rates and have been previously billed to clients for similar work.

### **d. Representations and Certifications**

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

Under no circumstances may cost information be included in the technical proposal. No cost information or any prices, whether for deliverables or line items, may be included in the technical proposal. Cost information must only be shown in the cost proposal.

## **7. EVALUATION CRITERIA**

Award will be made to the offeror representing the best value in consideration of past performance, qualifications, and price factors. Technical criteria are more important than cost, although prices must be reasonable and will be considered in the evaluation. Offeror are encouraged to provide a discount to their standard commercial rates.

Tetra Tech reserves the right to conduct discussions with selected offeror (s) in order to identify the best value offer. Award of any resulting Subcontract Agreement shall be made by Tetra Tech on a best value basis. Tetra Tech reserves the right to request a test assessment from offerors to assess their qualifications.

The submitted technical information will be scored by an evaluation committee using the following technical evaluation criteria (70 points) and cost proposal (30 points).

Given the specific expertise required to perform the services in question only offers with a technical score of 50 points or more will be considered for evaluation of their cost proposals.

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

#### TECHNICAL PROPOSAL (70 POINTS)

Evaluation Criteria for Technical Proposal		Points
I.	Company Technical Capability	10
II.	Technical Approach	15
III.	Proposed Staff	20
IV.	Company Past Performance	25
<b>TOTAL</b>		<b>70</b>

#### FINANCIAL PROPOSAL (30 POINTS)

The lowest qualified financial proposal will receive the maximum score of 30 points.

The other proposals will be scored inversely proportional to their price and computed as follows:

$$S_f = 30 * F_m / F$$

where

$S_f$  = financial Score of the proposal evaluated

$F_m$  = price of the lowest priced Financial Proposal among those qualified

$F$  = price of the Financial Proposal under consideration

Offeror should submit a Detailed Budget reflecting the cost of completing the scope. Offerors shall complete the Attachment C – Detailed Budget. Labor rates quoted in this document shall be fully-burdened with all indirect costs, taxes and fee, if any. The period of performance (level of effort) is **3 months**.

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

## 8. TERMS OF PAYMENT

Payment terms for the awarded Subcontract Agreement shall be fifteen (45) days after satisfactory completion and acceptance and of services and deliverables according to the schedule

in the Table 2. Payment shall be made by Tetra Tech ES, Inc. via bank wire transfer in **Ukrainian Hryvnias or US dollars**. Any request for advance payment should be stated in the Response.

#### **9. DUNS NUMBER AND SAM.GOV REGISTRATION**

If the proposed fixed price is above \$30,000, the successful offeror will be required to furnish a DUNS number and proof of SAM.gov registration within 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 reserves the right to conduct discussions, negotiations and/or request clarifications prior to awarding a subcontract. Furthermore, Tetra Tech reserves the right to conduct a competitive range and to limit the number of offerors in the competitive range to permit an efficient evaluation environment among the most highly-rated proposals. Highest-rated offerors, as determined by the technical evaluation committee, may be asked to submit their best prices or technical responses during a competitive range.

#### **11. MULTIPLE AWARDS/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 SPECIFICATION**

**SCOPE OF WORK: Development of Electronic Auction Platform for Sale of ‘Green’ Energy Quotas**

**PERIOD OF PERFORMANCE: 3 months**

**PLACE OF PERFORMANCE: Kyiv, Ukraine**

### **1. Background**

The purpose of Energy Security Project (ESP) is to enhance Ukraine’s energy security. Improving the energy legal and regulatory environment and increasing resilience of energy supply will help USAID to achieve broad-based, resilient economic development as a means to sustain Ukrainian democracy. Providing assistance for the creation and development of free market mechanisms is the main goal of ESP. The assistance to key energy institutions supports the implementation of an essential component of USAID’s Ukraine Country Development Cooperation Strategy. ESP will help the Government of Ukraine (GOU) to provide affordable, reliable, resilient and secure energy to its citizens; assist the Government of Ukraine to integrate into European energy markets by helping key government agencies and the energy regulator to meet EU energy acquis requirements, including the Third Energy Package; improve energy security establishing competitive energy markets in electricity, natural gas and district heating sectors; and increase energy supply in Ukraine by facilitating private sector-led energy investments in, and increasing production of renewable energy sources.

### **2. Objectives**

The objective is to develop a procedure and an auction module within the ProZorro.Sale electronic trading system for sale of ‘green’ energy quotas through transparent electronic auctions to be compliant with the new legislative framework that includes, in particular:

- the Law of Ukraine “On Alternative Energy Sources” No. 555-IV dated February 20, 2003, as amended further (the “RES Law”);
- the Law of Ukraine “On Amending Certain Laws of Ukraine to Ensure Competitive Conditions for Generation of Electricity from Alternative Energy Sources” No. 2712-VIII dated April 25, 2019 (the “RES Auction Law”);
- the Law of Ukraine “On Electric Energy Market” No. 2019-VIII dated April 13, 2017, as amended further (the “Electricity Market Law”);
- the bill amending the Electricity Market Law (reg.# 2236-2)
- the draft Cabinet of Ministers’ Decree “On Implementing competitive conditions for stimulating generation of electricity from alternative energy sources”, made available for public discussion at MinEcoEnergo’s web-site on October 10, 2019, as may be amended further (link:  
[http://mpe.kmu.gov.ua/minugol/control/uk/publish/printable\\_article?art\\_id=245405256](http://mpe.kmu.gov.ua/minugol/control/uk/publish/printable_article?art_id=245405256))

### **3. Scope of Work**

In order to facilitate the Ukraine Government’s commitment to start, not later than April 1, 2020, holding electronic auctions for the allocation of support quotas for electricity generated from alternative energy sources on the platform of the ProZorro.Sale electronic trading system (ETS), it is planned to implement new *procurementMethodType: renewables*. In addition to selling quotas, similar procedures and auction type can be used to sell goods where, in addition to the price, the bidder indicates the volume of the item that he wants to buy.

**Auctions for the allocation of RES support quotas (auction)** - a way of identifying business entities that acquire the right to support the production of electricity from alternative energy sources

(except for blast furnace and coke oven gas, and when using hydropower - produced only by micro, mini- and small hydroelectric power plants);

**auction price** - the price of 1 kilowatt-hour (kWh) of electric energy offered by the entity that has been determined as a winner of the auction for the allocation of the RES support quotas

The criterion for selecting the winners shall be the bidders' price offers for 1 kilowatt-hour (kWh) of electric energy based on the bidders ranking (ascending from the lowest price) and limited to the total capacity volume in megawatts (MW) declared by the bidders that should fall within the auctioned lot of the support quota for particular RES type, provided that the bidder's offer complies with the qualification criteria determined by the Organizer.

The qualification of bidders shall be held after the auction is finished (a post-qualification method). No preceding qualification (pre-qualification) shall apply, all information about bidders and their documents must not be disclosed before the auction is finished.

As a result of the auction, the bidders' offers shall be ranked by their price (ascending from the lowest one), and only those bidders shall be selected, whose declared capacity volumes have fallen within the auctioned lot of the support quota for particular RES type auctioned by the Organizer. In case if one or more of the bidders have been disqualified, the auctioned lot of RES support quota shall be reallocated so that the selection extends to the next non-selected bidder(s) in the queue. It proves to be the first procedure in the ProZorro.Sale's ETS with plural winners.

## **Software Development**

### Auctions for the RES support quota allocation

The general procedure consists of preparing for the bidding and publication of the auction in the system, working with the bidders' questions, placing the closed price proposals submitted by the bidders, directly holding the auction, qualification and selection of the winners.

A feature of the development is the design and creation of a new type of auction, which had not previously been used in the ProZorro.Sale's ETS, as well as the presence of plural winners of their auctions and their simultaneous qualifications.

Closed offers of the bidders shall include:

1. the volume of capacity of the power object or the construction phase (launching complex) of the power object in relation to which the auction bidder intends to acquire the right for support; Minimum 1MW
2. the price offer. The price is stated in eurocents for 1 kilowatt-hour (eurocents / kWh) with two decimal places. The bidder's price offer can not be higher than the level of "green" tariff set as of the date of the auction (*value.amount*). The threshold is set by the auction Organizer at the stage of publication of the procedure in the system.

### Auction for the RES support quota allocation (auction with two parameters)

Upon completion of the acceptance period, in the presence of at least 2 bidding applications, the Central Database (CDB) will have a public link for the auction viewers and a private link for each bidder in his closed offer.

The bidder, after receiving this link from the site, passes via the url to his own individual page and participates in the auction. The auction is held centrally, in the auction module, which is part of the CDB.

After the auction starts, the system pauses for 5 minutes in order for the auction bidders to get acquainted with the auction information.

After the pause is elapsed, the system automatically announces the start of the auction. The auction consists of one round. Within 10 minutes the bidder has the right to change the rate of the closed offer that was placed at the stage of acceptance of bidding applications, in the direction of reduction or leaving the rate unchanged. The price is entered up to 2 decimal places. Changing the capacity volume is prohibited.

All bidders may make changes to their proposals at the same time.

If the bidder has made a choice earlier (before the end of the round), the System gives him the opportunity to make changes before the end of the time allocated.

If the bidder has not taken any action, after the elapse of the 10 minutes allocated for offer changes, the System will fix the originally submitted proposal.

At the end of the auction, the announcement of the results of the auction takes place: the names and the closed offers of the bidders are revealed, and the results are transmitted to the CDB. Proposals are ranked in the price ascending order and in the case of a price match, the proposal that was placed earlier is ranked higher. The time of placement of the proposal is considered to be the time when the bidding application is submitted to the CDB and in case the proposal was altered, the time when the change was made is regarded as the time of placement.

#### **Additional information**

The software development will be done “on the ground”, rather than on the Amazon Web Services cloud, so that ProZorro.Sale can avoid any potential problems with migration in the future and simultaneously start preparing for obtaining the cyber security certificate.

**For a detailed list of tasks please refer to ATTACHEMENT B “Renewables IT tasks”**

#### **4. Deliverables and Due Dates**

The successful offeror shall deliver to Tetra Tech the following, in accordance with the schedule set forth below.

**Deliverable 1: Endpoint for the auction Organizer:** the module which is responsible for auction creation, auction planning, Organizer’s action related to qualification etc. All the auctions start from here

**Deliverable 2: Brokers’ synchronization engine:** core functionality which enables two-level system - distribution of rights and activities between central unit (CDB) and multiple brokers. It allows to receive data from one and distribute it to all other endpoints, broadcast CDB activities to brokers, guarantee quick data exchange without losses

**Deliverable 3: Brokers’ synchronization profile for ‘green’ energy auctions:** data structures and data contracts configuration which will be used to run ‘green’ auctions. This part (unlike the rest points) is the appliance for ‘green’ auction - not about generic auction platform

**Deliverable 4: Infrastructure implementation:** enabler for the entire project. In this part the production infrastructure (servers, network, storages) are installed and configured, virtualization is applied, service software (monitoring, logging etc) is implemented, and all the infrastructure is ready to run new auction platform in 7x24 mode

The successful offeror shall submit the deliverables described above in accordance with the following deliverables schedule:

<b>Deliverable Number</b>	<b>Deliverable Name</b>	<b>Due Date</b>
1	Endpoint for the auction Organizer	January 31, 2020
2	Brokers' synchronization engine	January 31, 2020
3	Brokers' synchronization profile for 'green' energy auctions	January 31, 2020
4	Infrastructure implementation	January 31, 2020

**ATTACHMENT B – RENEWABLES IT TASK**

Domen	Task	Module	Platform
API Organizer	Inputing changes to lot information during a 48 hour period (rectificationPeriod)	x	
API Organizer	Auction cancellation confirmation check	x	
API Organizer	Validation of reasons for cancellation	x	
Auction module	Automatic protocol generation according to procedure	x	
Basic infrastructure	Network landscape creation		x
Basic infrastructure	Building of standard virtual machine based on Linux		x
Basic infrastructure	Basic implementation of security resources in datacenter		x
Basic infrastructure	Installation and setup of GitLab server		x
Basic infrastructure	Installation and setup of Ansible VM		x
Basic infrastructure	Narrow setup of operation systems and local security		x
Basic infrastructure	Setup of load balancing		x
Basic infrastructure	Setup of FreeIPA (TripleA, DNS, NTP)		x
Basic infrastructure	Installation and setup of Highly Available Kubernetes cluster		x
Basic infrastructure	Installation and setup kubelet nodes		x
Basic infrastructure	Helm installation and configuration		x
Basic infrastructure	Deploying network storage		x
Basic infrastructure	Connecting Persistent Volumes to the cluster		x
Basic infrastructure	Installation of ingres controller for incoming connections		x
Basic infrastructure	Helm charts development		x
Basic infrastructure	General functional testing of architecture		x
Basic infrastructure	Deploy all system components in the cluster		x
Bid submission	Creating auction:active.rectification	x	
Bid submission	Analysis auctionPeriod.startDate and definition auctionPeriod.startDate	x	
Bid submission	Determining the period for the last question in the enquiry Period.end Date-1	x	
Bid submission	Changing the status of the auction: active.tendering	x	
Bid submission	Synchronization mechanism	x	
Bid submission	Saving participants' questions	x	
Bid submission	Saving the organizers' answers	x	
Bid submission	Opening names of question authors after end of auction	x	
Bid submission	Checking the number of applications submitted	x	
Qulification	Award formation awards.verification	x	
Qulification	Disqualification of the participant award:unsuccessful	x	
Qulification	participant award status change award:waiting	x	
Qulification	Provision of information on disqualification of the participant	x	

Domen	Task	Module	Platform
Qualification	Fixation of 80% of total number of participants and ranking of bids in ascending order, division of items.quantity according to the ranking of participants	x	
Qualification	Winner(s) award status change award:pending	x	
Qualification	Award status change of participant who passed the verification award:pending.waiting	x	
Qualification	Change procedure status to auction:active.qualification	x	
Qualification	Approval of the protocol award:active	x	
Qualification	Changing awards status award:cancelled	x	
Qualification	Change the status of award.unsuccessful	x	
Qualification	Change the status of contract.cancelled	x	
Qualification	Change the status of contract.cancelled	x	
Qualification	Award status change for provisional winner award.pending.admission	x	
Qualification	Automatic protocol formation according to the procedure	x	

**ATTACHMENT C – DETAILED BUDGET**
**PROPOSED DETAILED BUDGET**
**TABLE 1 – Overall Subcontract Detailed Budget**

	unit cost/вартість одиниці	Total units/Кількість одиниць	cost/вартість
<b>Total Direct Labor/Прямі витрати - персонал</b>			
<b>LABOR (rate; level of effort; total)/Персонал (ставка; рівень зусиль; загалом)</b>			
Title, Labor Category - Name, Last Name (Full time / Short Term)/ Назва позицій - ім'я, прізвище (повний робочий день / короткостроковий контракт)	\$0.00	days	\$ -
Title, Labor Category - Name, Last Name (Full time / Short Term)/ Назва позицій - ім'я, прізвище (повний робочий день / короткостроковий контракт)	\$0.00	days	\$ -
Title, Labor Category - Name, Last Name (Full time / Short Term)/ Назва позицій - ім'я, прізвище (повний робочий день / короткостроковий контракт)	\$0.00	days	\$ -
Title, Labor Category - Name, Last Name (Full time / Short Term)/ Назва позицій - ім'я, прізвище (повний робочий день / короткостроковий контракт)	\$0.00	days	\$ -
Title, Labor Category - Name, Last Name (Full time / Short Term)/ Назва позицій - ім'я, прізвище (повний робочий день / короткостроковий контракт)	\$0.00	days	\$ -
Title, Labor Category - Name, Last Name (Full time / Short Term)/ Назва позицій - ім'я, прізвище (повний робочий день / короткостроковий контракт)	\$0.00	days	\$ -
Title, Labor Category - Name, Last Name (Full time / Short Term)/ Назва позицій - ім'я, прізвище (повний робочий день / короткостроковий контракт)	\$0.00	days	\$ -
Title, Labor Category - Name, Last Name (Full time / Short Term)/ Назва позицій - ім'я, прізвище (повний робочий день / короткостроковий контракт)	\$0.00	days	\$ -
<b>Subtotal Direct Labor</b>			\$ -
<b>Travel, Transportation &amp; Per Diem/Подорожі, транспорт та суточні</b>			
Airfare/Авіанпереліт	\$0	0 trips	\$ -
Per Diem Meal/Харчування	\$0	0 days	\$ -
Per Diem Lodging/Проживання	\$0	0 days	\$ -
Travel Miscellaneous/Подорожі різне	\$0	0 trips	\$ -
Insurance/Страхування	\$0	0 people	\$ -
Local Ground Transportation/Місцевий наземний транспорт	\$0	0 days	\$ -
Communications/Зв'язок	\$0	0 trips	\$ -
<b>Subtotal Travel, Transportation &amp; Per Diem/Вартість подорожей, транспорту та суточних</b>			\$ -
<b>Other Direct Costs/Інші непрямі витрати</b>			
<b>Subtotal Other Direct Costs/Вартість інших непрямих витрат</b>			\$ -
<b>TOTAL ESTIMATED COST/ЗАГАЛЬНА ВАРТІСТЬ</b>			\$ -

\*LOE = Level of Efforts, budgeted number of days assigned for the work

Rate = fully loaded daily rate

Prices quoted must be valid for **100** days, and account for ALL remuneration, per diems, travel, communications, report reproduction and other out-of-pocket expenses, taxes and other costs, although excluding the VAT that may be imposed in **Ukraine**. On this basis Tetra Tech will issue a **Fixed Price Subcontract**, and payment shall be based upon acceptance of services and deliverables described in the Table 2.

**TABLE 2 – Payment schedule**

Offeror Deliverable	Expected Due Date	Fixed Price Payment Amount
1. Endpoint for auction organizer	...	[70%]
2. Brokers' synchronization engine	...	[10%]
3. Brokers' synchronization profile for 'green' energy auctions		[10%]
4. Infrastructure implementation		[10%]

**ATTACHMENT D – REPRESENTATIONS AND CERTIFICATIONS****Offeror Representations and Certifications****1. Organizational Conflict of Interest Representation**

The offeror 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)*

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*(please use one box per number or dash)*

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

(i) This is to certify that the Offeror 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:

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*name of country or countries*

By signing below, the Offeror 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:

\_\_\_\_\_

#### ATTACHMENT E – CERTIFICATE OF CURRENT COST OR PRICING DATA

This is to certify that, to the best of my knowledge and belief, the cost or pricing data (as defined in section 2.101 of the Federal Acquisition Regulation (FAR) and required under FAR subsection 15.403-4) submitted, either actually or by specific identification in writing, to Tetra Tech in support of [Firm/Organization] are accurate, complete, and current as of [DATE]. This certification includes the cost or pricing data supporting any advance agreements and forward pricing rate agreements between the offeror and the Government that are part of the proposal.

Firm: \_\_\_\_\_

Signature: \_\_\_\_\_