

# Request for Proposals

## RFP-UESP-2021-010

**Activity Title: “Assessment of Individual Heat Substations’ Installation and Performance Practice in Ukraine”**

**Issuance Date: March 11, 2021**  
**Deadline for Receipt of Questions: March 25, 2021 at 14:00**  
**Closing Date and Time: April 8, 2021 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 **Assessment of Individual Heat Substations' Installation and Performance Practice in Ukraine** 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 Attached 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. 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.
6. The Offeror shall complete and sign the Representation and Certifications found in Attachments C to this document and include them with the Offeror's proposal. Proposals that do not include these certifications will not be considered.
7. A certificate of current cost or pricing data – Attachment D
8. 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>

## 3. SOURCE, ORIGIN AND NATIONALITY RESTRICTIONS

The USAID authorized geographic code for the Energy Security Project is 935. Code 935: Consists of any area or country including the cooperating country, but excluding the “prohibited sources”

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 **April 08, 2021** 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 B - 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, to **UESPprocurement@tetratech.com** on **March 25, 2021** 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 be signed by Offerors.

### I. 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.

#### 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

## II. FINANCIAL PROPOSAL

### a. Detailed Budget

Offeror 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 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 60-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 C of this RFP and must be submitted as part of the Cost Proposal.

### e. Non-government owned certification

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

### f. Certificate of current cost or pricing data

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 (80 points) and cost proposal (20 points).

Given the specific expertise required to perform the services in question only offers with a technical score of 60 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 (80 POINTS)

Evaluation Criteria for Technical Proposal		Points
I.	Technical Approach	30
II.	Proposed Staff	25
III.	Company Past Performance	25
<b>TOTAL</b>		<b>80</b>

#### FINANCIAL PROPOSAL (20 POINTS)

The lowest qualified financial proposal will receive the maximum score of 20 points.

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

$$S_f = 20 * F_m / F$$

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 B – 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 is **17 weeks**.

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 forty-five (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** per National Bank of Ukraine exchange rate on the effective date of the subcontract **or US dollars**.

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

Active DUNS number or evidence of process of registering for DUNS number is required at stage of submitting proposal. DUNS Number shall be active and SAM.gov registration completed before finalization of subcontract agreement. All second-tier subcontractors must comply with the requirements outlined in the RFP, including obtaining DUNS and SAM numbers if the proposed second-tier subcontract price is above \$30,000. Only legal entities need DUNS numbers. 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: Assessment of Individual Heat Substations' Installation and Performance Practice in Ukraine**

**PERIOD OF PERFORMANCE: 17 weeks**

**PLACE OF PERFORMANCE: Kyiv, Ukraine**

### 1. Background

Energy Security Project is USAID project implemented by Tetra Tech ES, Inc. Energy Security Project works with the Ukrainian government, private sector, and civil society leaders to improve Ukraine's energy security and transform Ukraine's energy sector into a modern, market-oriented, EU-integrated, engine of growth. Energy Security Project's goals include *inter alia* promoting Competitive Energy Markets, facilitating European Integration, strengthening Energy Independence, facilitating Renewable Energy Development, supporting Empowered Sector Regulation, increasing Public Trust and ensuring Environmental and Social Responsibility.

Ukrainian district heating (DH) infrastructure has extensive coverage and stands as a critical resource for meeting the heating needs of the country. DH policy in Ukraine is undergoing structural reforms, aiming for service quality improvement, dependence on subsidies reduction, and preventing chaotic customer disconnections. Energy efficiency both at demand and supply sides is a vital element of DH comprehensive reform.

International practice examples demonstrate that installation of Individual Heat Substations (IHSs), especially when buildings are connected to DH system, can substantially improve energy efficiency in the DH.

Individual heat substation is an automatized modular unit (a component in a district heating system) that connects the main DH network to a building's heating system and transfers heat energy from the external heat networks to the in-house technological systems of floor heating and hot water supply. IHSs are equipped with technical features allowing them to perform:

- sensitivity to the outdoor temperature, when supplying heat,
- setting automatic temperature control during a day,
- control of outgoing carrier temperature,
- heat supply regulation for floor heating,
- preparation of hot water for consumption all year round,
- maintenance of normalized values of heat carrier pressure in internal and external heat supply systems,
- telemetry,
- secure in-house system against freezing emergency.

A modern individual, or building-level, IHS is low cost compared to other energy-saving measures. They can reduce energy usage in the buildings by around 15-30%, anticipating a short payback period. IHSs enable homeowners to regulate their heat consumption, which effectively allows other implemented retrofit measures to result in heat (energy) savings. Unless IHS is installed, other energy efficiency measures only lead to an increase in indoor temperatures; however, no reduction of heating bills follow.

IHSs effectively can enable customers, and this way indirectly IHSs help transforming DH to more customer-centric and demand-driven way of heat provision; this improves both the service quality and consumer satisfaction. In Central Europe, the installation of IHSs has been

critical in keeping customers from switching to other heating sources. Several European Union (EU) Member States in Central Europe have successfully installed IHSs on a large scale as part of DH reforms and generally found that these investments were cost-effective and improved service quality and energy efficiency.

In Ukraine, large-scale IHS installation has proceeded at a much slower pace than in many other Central and Eastern European countries. 12% of multi-family buildings connected to DH in Kyiv are equipped with IHSs currently. All Ukrainian coverage of DH-connected-buildings with IHSs needs further clarification.

## 2. Objectives

Currently, a framework is under development to incentivize mass-scale IHSs installation in residential buildings in Ukraine. The current assessment will serve as a source of primary data and will help to identify practical peculiarities of IHSs' installation and IHSs' operating. Specifically, the subcontractor is requested to achieve the following objective:

***Inform on practical obstacles to IHSs installation in residential buildings in Ukraine and comprehensively inform on positive and negative experiences of parties who have already installed IHSs and perform maintenance of IHSs.***

To achieve the objective, the subcontractor shall:

- comprehensively assess practical experiences and expectations of DH consumers. The survey shall accommodate consumers, who have already installed IHSs, and consumers, who plan to install IHSs;
- comprehensively assess practical experiences and expectations of homeowners associations and housing managers. The survey shall accommodate associations, having IHSs installed and those under planning stage;
- comprehensively assess practical experiences and expectations of DHCs;
- comprehensively assess practical experiences and expectations of local self-government administrations regarding IHSs installation in residential buildings.

## 3. Scope of Work

To achieve the objective [2], the subcontractor shall implement the following scope of work:

**3.1. Investigate and comprehensively assess practical experiences of DH consumers with IHSs and expectations of consumers.** The subcontractor shall collect of information and analysis on awareness of DH consumers on the benefits of IHSs installation; establish the level of satisfaction of DH consumers with the performance of their IHSs; determine what motivates (or can potentially motivate) DH consumers to install IHS (when IHS is not yet installed); what difficulties/bottlenecks prevent consumers from engaging in IHS installation.

The investigation under SOW 3.1. shall provide assessment on the following areas (but not be limited with):

- Are DH consumers aware of what IHS is, and what its functions in a multi-family building are.
- Do DH consumers have an IHS in their building, and do they want to install IHS.
- What is their personal experience in IHS utilization (if IHS is installed).
- What information they receive from other consumers about impact of IHS on the utility bills and the level of comfort in the house.

- Who's responsibility it should be to install IHSs in multi-family buildings, according to their opinion.
- Who has to be owner of the IHS in a multi-family building; who has to perform maintenance of HIS; who is to be entitled to regulate of temperature regimes.
- Are consumers in favor to pay additionally a fee for IHS installation, or to put additional cost into DH tariff.
- What lessons learned can be formulated based on consumer survey.

**3.2. Investigate and comprehensively assess practical experiences and expectations of homeowner associations and housing managers regarding IHSs.** The subcontractor shall study the views of homeowner associations, housing managers that have installed IHSs in their houses – at the focus, it shall be IHSs efficiency; IHSs impact on the amount of heat consumed by the house; IHSs impact on utility bills; IHSs impact on the level of comfort in the house. The survey shall determine what difficulties associations and housing managers have encountered during the IHSs installation and setting the IHSs to work. The study shall reveal the managers' views on who should install, maintain and regulate IHSs.

The investigation under SOW 3.2. shall provide assessment on the following areas (but not be limited with):

- How heads of homeowner associations and housing managers assess the work of the installed IHS and its influence on the amount of utility bills and the level of comfort in the house.
- How much has IHS installation cost and which sources have been used to finance IHS installation.
- Who performs maintenance of IHSs in their building, how the service is remunerated.
- Who effectively performs the setting of temperature regime, whether residents of the house have any influence on that (if so, how it works in practice).
- Are the residents of the house aware of the presence of the IHS and how they assess its performance (utility bills, comfort, etc.).
- Have housing managers, association managers experienced any barriers from DH company during the process of IHS installing? If so, what barriers (receiving technical conditions, excessive requirements in technical conditions, refusing of connecting to DH networks etc.).
- Who has to be owner of the IHS in a multi-family building; who has to perform maintenance of HIS; who is to be entitled to regulate of temperature regimes.
- Do the residents of the house complain on necessity to pay additional fees for IHS maintenance.
- What are the lessons learned so far.

**3.3. Investigate and comprehensively assess practical experiences and expectations of DHCs.** The subcontractor shall to study the point of view of DH companies' managers on IHSs installation, their opinions on financing options to equip multi-family buildings with IHSs, positive or negative consequences of IHSs installation, barriers to IHSs installation.

The investigation under SOW 3.3. shall provide assessment on the following areas (but not be limited with):

- How DH companies estimate impact of IHSs on DH system and quality of DH services to consumers.
- Do DH companies consider mass-scale IHSs installations in multi-family buildings is necessary and beneficial.
- Has there been financed installation of IHSs in multi-family buildings from DH company funds, has the funding been extensive in comparison to the needs; have there been any difficulties to set the financing from the company funds; should DHC financing be extended and what are the lessons learned so far.
- Who shall perform maintenance of IHSs, and who shall pay for it.
- What sources of financing to install IHSs are considered as acceptable and available.
- To the view of DH company, who shall be the one establishing the mode of operation of IHS in general, and setting temperature regimes specifically; ideally, what is the consumer's role.
- Does the DH company is aware of IHSs installed at the initiative of the consumers (homeowner associations, housing managers) in its served area. If so, is the DH entity aware of the consumers having any troubles, barriers, misunderstandings and conflicts among the neighbors or with DH company itself; what have been the root cause and how it was managed. What are lessons learned so far.

**3.4. Investigate and comprehensively assess practical experiences of local self-government administrations regarding IHSs.** The subcontractor shall to study the point of view of local self-governments on IHSs installation in residential buildings, their opinions on financing options to equip multi-family buildings with IHSs, positive or negative consequences of IHSs installation, barriers to IHSs installation.

The investigation under SOW 3.4. shall provide assessment on the following areas (but not be limited with):

- How does Local government estimate impact of IHSs on DH system and quality of DH services to consumers.
- Does Local government consider mass-scale IHSs installations in multi-family buildings is necessary and beneficial.
- Has the local government financed installation of IHSs in multi-family buildings from the local budget, has the funding been extensive, have there been any difficulties to set the financing from the local budget; should local budget financing be extended and what are the lessons learned so far.
- What sources of financing to install IHSs are considered as acceptable and available.
- Who shall perform maintenance of IHSs, and who shall pay for it.
- To the view of local government, who shall be the one establishing the mode of operation of IHS in general, and setting temperature regimes specifically; ideally, what is the consumer's role.
- Does the local government is aware of IHSs installed at the initiative of the consumers (homeowner associations, housing managers) in its locality. If so, is the local government aware of the consumers having any troubles, barriers, misunderstandings and conflicts among the neighbors or with DH company; what have been the root cause and how it was managed. What are lessons learned so far.

The survey shall be implemented in such a way, that the results should represent at least three cities (regional centers) with DH systems; geographically, the results shall come from different Regions (Oblasts) of Ukraine.

In addition, the subcontractor shall provide several case illustrations from smaller cities, as needed, in accord to the core survey. The case illustrations will be one-issue (specific question) focused short analytical descriptions inserted as a box into the survey report. The subcontractor is expected to provide at least 5 case illustrations (more is considered as an asset).

The subcontractor will use diverse methodological tools to implement the SOW, including but not limited to case analysis, focus groups, desk search of media reports, official documents, etc.

The subcontractor will provide COVID-19 protocol and how they plan to facilitate the survey given the current state of the pandemic and any regulations stipulated by the government.

The subcontractor will report to ESP District Heating Sector Lead.

#### 4. Deliverables and Due Dates

The deliverables should be provided in electronic form. Deliverables are to be developed in Ukrainian, however the Final Consolidated Report must have extensive English summary.

The subcontractor shall deliver to ESP the following, in accordance with the schedule set forth below.

<b>Deliverable Number</b>	<b>Deliverable Name</b>	<b>Due Date</b>
1.	Schedule of the SOW implementation	1 weeks after signing the subcontract
2.	Methodology to make the survey	2 weeks after signing the subcontract
3.	Draft report on consumer survey (SOW 3.1)	12 weeks after signing the subcontract
4.	Draft report on housing managers survey (SOW 3.2)	11 weeks after signing the subcontract
5.	Draft report on DH companies survey (SOW 3.3)	10 weeks after signing the subcontract
6.	Draft report on local governments survey (SOW 3.4)	9 weeks after signing the subcontract

7.	Final Report, consolidated	15 weeks of signing the subcontract
8.	Presentation of results to ESP team	16 weeks after signing the subcontract
9.	Presentation of results to GOU representatives and other stakeholders	17 weeks after signing the subcontract

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

Cost element	unit cost	Total units	cost
<b><u>Total Direct Labor</u></b>			
<b>LABOR (rate; level of effort; total)</b>			
Title,Labor Category - Name, Last Name (Full time / Short Term)	\$0.00	days	\$ -
Title,Labor Category - Name, Last Name (Full time / Short Term)	\$0.00	days	\$ -
Title,Labor Category - Name, Last Name (Full time / Short Term)	\$0.00	days	\$ -
Title,Labor Category - Name, Last Name (Full time / Short Term)	\$0.00	days	\$ -
<b>Subtotal Direct Labor</b>			<b>\$ -</b>
<b><u>Travel, Transportation &amp; Per Diem</u></b>			
Airfare	\$0	0 trips	\$ -
Per Diem Meal	\$0	0 days	\$ -
Per Diem Lodging	\$0	0 days	\$ -
Travel Miscellaneous	\$0	0 trips	\$ -
Insurance	\$0	0 people	\$ -
Local Ground Transportation	\$0	0 days	\$ -
Communications	\$0	0 trips	\$ -
<b>Subtotal Travel, Transportation &amp; Per Diem</b>			<b>\$ -</b>
<b><u>Other Direct Costs/Інші прямі витрати</u></b>			
<b>Subtotal Other Direct Costs</b>			<b>\$ -</b>
<b>TOTAL ESTIMATED COST</b>			<b>\$ -</b>

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

Rate = fully loaded daily rate

Prices quoted must be valid for **60** days, and account for ALL remuneration, per diem, travel, communications, report reproduction and other out-of-pocket expenses, taxes and other costs, but excluding the VAT tax that may be originated 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. Schedule of the SOW implementation 2. Methodology to make the survey	...	10%
3. Draft report on consumer survey (SOW 3.1)	...	10%
4. Draft report on housing managers survey (SOW 3.2)		10%
5. Draft report on DH companies survey (SOW 3.3)		10%
6. Draft report on local governments survey (SOW 3.4)		10%
7. Final Report, consolidated		30%
8. Presentation of results to ESP team 9. Presentation of results to GOU representatives and other stakeholders		20%



## ATTACHMENT C – REPRESENTATIONS AND CERTIFICATIONS

### Offeror Representations and Certifications

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#### 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 or 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*

#### 4. 52.204-24 Representation Regarding Certain Telecommunications and Video Surveillance Services or Equipment (Aug 2020).

The Offeror shall not complete the representation at paragraph (d)(1) of this provision if the Offeror has represented that it “does not provide covered telecommunications equipment or services as a part of its offered products or services to the Government in the performance of any contract, subcontract, or other contractual instrument” in the provision at [52.204-26](#), Covered Telecommunications Equipment or Services—Representation, or in paragraph (v) of the provision at [52.212-3](#), Offeror Representations and Certifications-Commercial Items.

(a) *Definitions.* As used in this provision—

*Backhaul, covered telecommunications equipment or services, critical technology, interconnection arrangements, reasonable inquiry, roaming, and substantial or essential component* have the



meanings provided in the clause [52.204-25](#), Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

*(b) Prohibition.*

(1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. Nothing in the prohibition shall be construed to—

(i) Prohibit the head of an executive agency from procuring with an entity to provide a service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(ii) Cover telecommunications equipment that cannot route or redirect user data traffic or cannot permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract or extending or renewing a contract with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract. Nothing in the prohibition shall be construed to—

(i) Prohibit the head of an executive agency from procuring with an entity to provide a service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(ii) Cover telecommunications equipment that cannot route or redirect user data traffic or cannot permit visibility into any user data or packets that such equipment transmits or otherwise handles.

*(c) Procedures.* The Offeror shall review the list of excluded parties in the System for Award Management (SAM) (<https://www.sam.gov>) for entities excluded from receiving federal awards for “covered telecommunications equipment or services”.

*(d) Representation.* The Offeror represents that—

(1) It  will,  will not provide covered telecommunications equipment or services to the Government in the performance of any contract, subcontract or other contractual instrument resulting from this solicitation. The Offeror shall provide the additional disclosure information required at paragraph (e)(1) of this section if the Offeror responds “will” in paragraph (d)(1) of this section; and

(2) After conducting a reasonable inquiry, for purposes of this representation, the Offeror represents that—

It  does,  does not use covered telecommunications equipment or services, or use any equipment, system, or service that uses covered telecommunications equipment or services. The Offeror shall provide the additional disclosure information required at paragraph (e)(2) of this section if the Offeror responds “does” in paragraph (d)(2) of this section.

(e) *Disclosures.*

(1) Disclosure for the representation in paragraph (d)(1) of this provision. If the Offeror has responded “will” in the representation in paragraph (d)(1) of this provision, the Offeror shall provide the following information as part of the offer:

(i) For covered equipment—

(A) The entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the original equipment manufacturer (OEM) or a distributor, if known);

(B) A description of all covered telecommunications equipment offered (include brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and

(C) Explanation of the proposed use of covered telecommunications equipment and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(1) of this provision.

(ii) For covered services—

(A) If the service is related to item maintenance: A description of all covered telecommunications services offered (include on the item being maintained: Brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); or

(B) If not associated with maintenance, the Product Service Code (PSC) of the service being provided; and explanation of the proposed use of covered telecommunications services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(1) of this provision.

(2) Disclosure for the representation in paragraph (d)(2) of this provision. If the Offeror has responded “does” in the representation in paragraph (d)(2) of this provision, the Offeror shall provide the following information as part of the offer:

(i) For covered equipment—

(A) The entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the OEM or a distributor, if known);



(B) A description of all covered telecommunications equipment offered (include brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and

(C) Explanation of the proposed use of covered telecommunications equipment and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

(ii) For covered services—

(A) If the service is related to item maintenance: A description of all covered telecommunications services offered (include on the item being maintained: Brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); or

(B) If not associated with maintenance, the PSC of the service being provided; and explanation of the proposed use of covered telecommunications services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

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 D – 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: \_\_\_\_\_