

# Request for Proposals

## RFP-UESP-2019-026

**Activity Title: “Technical review of the conditions of the Voda Donbasu utility and water conveyances and pre-feasibility”**

**Issuance Date: April 01, 2020**  
**Deadline for Receipt of Questions: April 17, 2020 at 14:00**  
**Closing Date and Time: April 30, 2020 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 **Technical review of the conditions of the Voda Donbasu utility and water conveyances and pre-feasibility** 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. Organization's DUNS number or evidence of process of registering for DUNS number. Please request instructions for DUNS number registration from [UESPprocurement@tetratech.com](mailto:UESPprocurement@tetratech.com) if needed.
3. A short description of the company and of past similar experience in providing the services described in the Attached A -Technical Specification.
4. Overall technical approach to fulfill the specifications defined in Attachment A – Technical Specifications.
5. Certification that company 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. 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>
8. Certificate of current cost or pricing data (Attachment D).

## 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.

The offerors and second-tier subcontractors of the offerors that are outside of the above-mentioned geographic codes will not be evaluated or considered for award.

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 30, 2020** by no later than **14:00** local time in Ukraine. Proposals must be submitted via e-mail at the address **UESPprocurement@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 – 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 **April 17, 2020** 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.

### **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 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.

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	25
III.	Proposed Staff	25
IV.	Company Past Performance	10
<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<sub>f</sub> = financial Score of the proposal evaluated

F<sub>m</sub> = 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 (level of effort) is **8 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 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 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: Technical review of the conditions of the Voda Donbasu utility and water conveyances and pre-feasibility**

**PERIOD OF PERFORMANCE: 8 months**

**PLACE OF PERFORMANCE: Donbas, Ukraine**

### **1. Background**

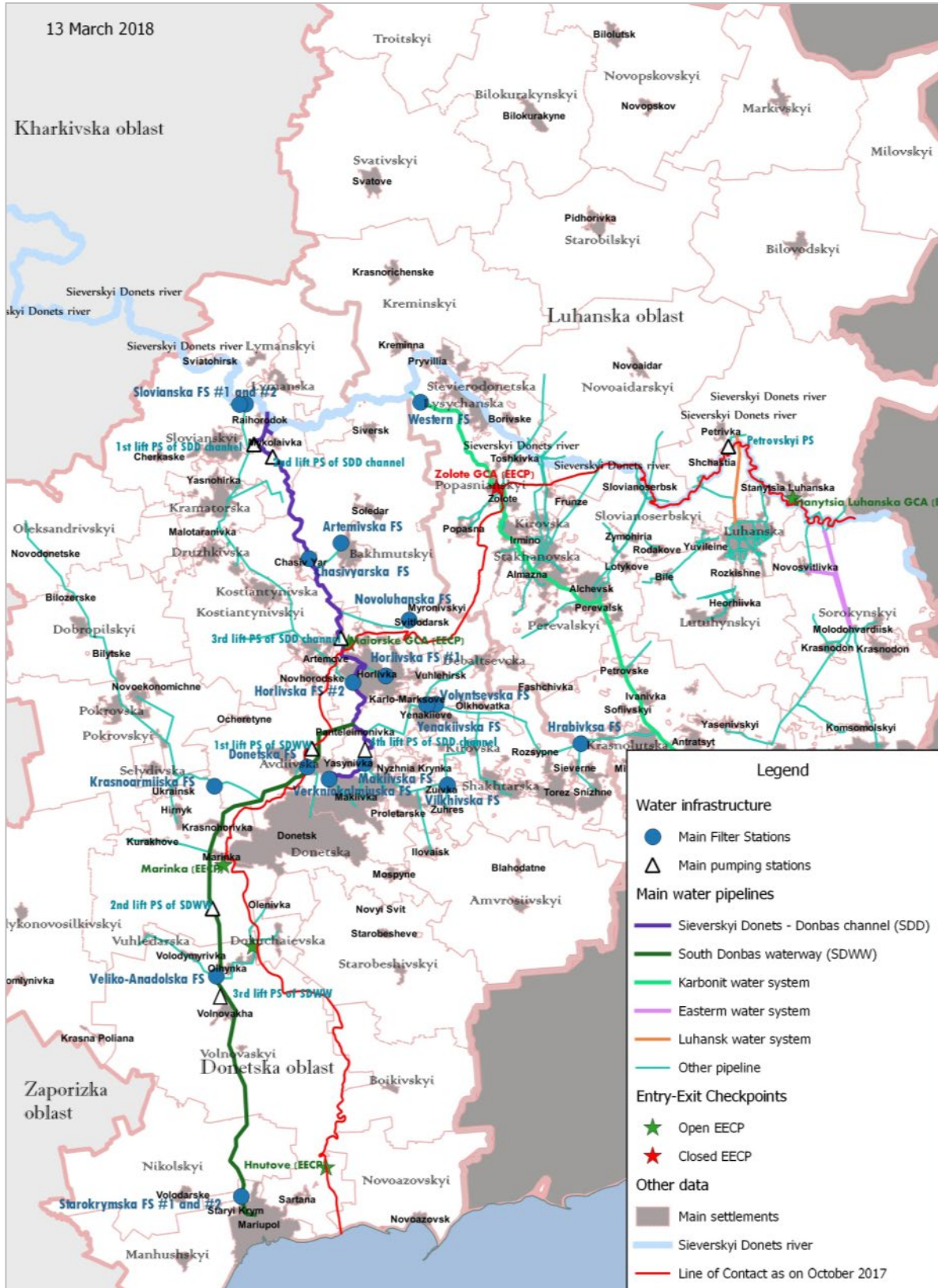
Kompaniya Voda Donbasu ('Voda Donbasu') is one of the largest utilities in Ukraine, responsible for supplying water and wastewater services to the Donetsk oblast. As a result of the conflict, a branch has been set up in Pokrovsk, which is recognized now as the main office for the utility.

The region itself is characterized more generally by water scarcity, demonstrating the importance of the Siversky Donetsk Donbas canal (the SDD), the major source of water for the region. With the conflict in the east, the SDD now winds from Ukraine government-controlled territory, into non-government controlled territories to serve much of the Donetsk oblast, and then back again into government controlled territory to provide water for the South Donbas waterway, serving the southeastern areas of Ukraine, including Mariupol. Overall, about 75% of the water is being used within the non-government controlled territory. (A map on the next page shows the SDD and the South Donbas waterway, in relation to the line of conflict).

Voda Donbasu faces serious challenges in its operations and management given that just like the SDD, the company's operations straddle both sides of the conflict zone, operating in government-controlled and the non-government controlled occupied territories. This has led to enormous challenges; for instance, due to legal restrictions (Ukrainian and US OFAC sanctions), the company is unable legally to procure equipment for maintenance and upkeep from Ukraine for delivery into the non-government controlled territories. Financial resources are also stranded, with Russian Rubles being collected in the temporarily occupied territories from local administrations and water consumers, but with such funds not being available to support the management and operations of the entire Voda Donbasu utility.

As the financial resources of the company continue to be under strain, combined with the practical bifurcation of the company's operations, lack of sufficient maintenance and equipment replacement is likely to cause further problems with water supply reliability, probably more so in the non-government controlled areas.

The map below shows the water conveyance system and the line of contact between government and non-government-controlled areas.



Source: UNICEF

Voda Donbasu’s challenges are not limited to the water sector but create complications for the electricity sector. Due to the electricity requirements of pumping and filtration stations and lack of funds, Voda Donbasu is one of the largest debtors to the electricity market, with its current debt just for 2019 estimated at over 1 billion UAH (US\$41 million); this leads to the primary purpose of

this study – to examine the electricity related challenges and develop cost-effective solutions to reduce and supplant the electricity requirements of the utility, while ensuring adequate water supply.

## 2. Objectives

The purpose of this study is to complete a review of the Voda Donbasu utility and water conveyance system focusing primarily on the government-controlled area of eastern Ukraine. The objective of the study is to determine ways to reduce the electricity consumption of the utility, recognizing that it is one of the largest non-payers of electricity due to the financial constraints the company faces. In 2019, payment for 1.55% of electricity was made. This proposed study for Voda Donbasu includes a water demand and supply for the utility, analysis of current electricity usage based on the system's assets and network configuration, designing options for reducing electricity usage and their cost-effectiveness, as well as, options to reduce the utility's electricity use from grid supply through the deployment of renewable energy resources on, or near, Voda Donbasu property, dedicated to serve the utility's needs.

This study should consider: (1) the demand and supply for water in the Voda Donbasu service territory (which includes consumers in both the government and non-government controlled areas of eastern Ukraine) and the extent to which the water conveyances and networks are 'right-sized' to meet expected demand for the foreseeable future (next 15-20 years), or whether there are ways to reconfigure the system given the belief that the system is overbuilt relevant to demand. If that is the case, the over-sizing of the water conveyance system and ancillary supporting systems such as water pumping correlate closely with excessive electricity needed by the utility to support operations; (2) if the study confirms that the system, or elements of it, are oversized (as is believed to be the case), then the study should also quantify the impact on electricity usage as a result of the oversizing; (3) if the oversizing is confirmed, the study should examine what options exist for 'right-sizing' the system to be able to meet demand for the next 15-20 year time horizon. This will consider redesign of the conveyance systems (e.g., pipeline versus open channel as an example), reviewing options to reduce losses, changing pumping equipment and configurations, and partial replacement of water demand with other supply sources (e.g., wells, other surface water collection).

The study should provide cost estimates for the options considered for this study (with an intended accuracy of +/- 30%), the timeframe for implementation, and the forecasted impact on electricity usage if each of the options considered is deployed.

A second purpose of the study is to determine: (1) the extent to which renewable energy resources could be deployed to replace the electricity demand used by the utility at present, to reduce its offtake from the wholesale electricity market. It is important to examine whether renewable energy could cost-effectively reduce the utility's electricity usage assuming that the system continues to operate and remain configured as it is at present; and (2), how renewable energy might be used to meet the reduced electricity demand assuming that some extent of asset replacement, decommissioning or system reconfiguration is undertaken. The cost-effectiveness of renewable energy resources under the current configuration and usage patterns and impact based on the selected options for optimizing the utility's conveyances and assets should be assessed.

A third element of the study is to review water quality. This will be based on primary and secondary information (e.g., water testing conducted by others) but will also investigate possible sources of contamination of water being supplied, such as municipal or agricultural run-off. The study should, at a pre-feasibility level, provide an assessment of water quality and contributors, as well as recommendations should contaminants be found to be an important issue (with 'importance' defined by the gap between actual water quality and World Health Organization standards).

### **Project Oversight**

A project steering committee will be established to oversee this effort. The project steering committee will consist of representatives of UNICEF, the US government and others [e.g., interested embassies]. This steering committee will review project progress, participate in separate dedicated project review meetings with the advisors performing this work on a bi-monthly basis, or more frequently as warranted.

### 3. Scope of Work

The study should undertake the following:

1. 'Kick-off' meeting with the project sponsors and key stakeholders to discuss their views on the terms of reference and project approach to allow for consideration in the work plan to be presented as part of the inception report. This kick-off meeting will also be used to determine prior or current studies of interest and sources of information that can be used for this study.
2. Data collection and analysis to inventory available information and identify information gaps needed and how those gaps can be addressed.
3. Field research to non-conflict areas to review conditions of the water conveyances and assets used by Voda Donbasu, combined with meetings with Voda Donbasu management to ensure adequate understanding of the situation facing the utility and information the utility may also have on hand.
4. Preparation and delivery of an inception report that provides the data collection inventory and assessment, data collection plan, initial field research, stakeholder and Voda Donbasu discussions and the proposed work plan for the remainder of the project.
5. Conduct a workshop to present to key stakeholders including Voda Donbasu management, oblast level leadership and international organizations such as the ICRC, USAID, UNICEF, the WASH Cluster and international financing institutions with an interest in eastern Ukraine (e.g., European Investment Bank), embassy representatives and Government of Ukraine representatives to discuss the inception report and work plan. Feedback will be reflected in a revised work plan to be included with the final inception report.
6. Complete a water demand study for the government controlled and non-controlled parts of the Voda Donbasu service territory, recognizing that travel into the non-controlled parts of the service territory is unlikely and thus, there will be a need to rely on secondary sources of information for the non-government controlled area forecast. (It is possible that UNICEF or other donor such as the ICRC with resources located in the non-government controlled area may be able to help provide/collect information).

The water demand should, to the extent practical, allocate water demand to categories of consumers (e.g., industrial, residential, agricultural, etc.) and provide results separately for the government and non-government controlled areas. The water demand study should also examine the extent to which other sources of water (e.g., surface water collection, ground water pumping) could reduce the demand that Voda Donbasu needs to provide.



7. With the water demand study results concluded, compare the demand with the sizing of the water conveyance systems and networks to determine whether the supply and demand balance is reasonable or if there are steps that should be considered to bring them more closely into balance through reconfiguration of the system and its assets.
8. Complete an electricity usage assessment that indicates how electricity is used at Voda Donbasu and indicate possible opportunities for efficiency improvement (e.g., variable speed drive pumping, decommissioning or replacement of obsolete/unnecessary assets).
9. Review the water quality supplied by Voda Donbasu and determine sources of possible pollutant streams such as municipal or agricultural run-off, or underground contamination. It is recognized that some of the information needed, especially in the non-government controlled areas, will rely on secondary sources (e.g., use of Voda Donbasu information and/or information collected through the ICRC review). (This study does not envision completing actual water testing, such as at the consumer level.)
10. Determine the possible options that could be considered to reduce electricity use through water system reconfiguration, asset replacement, decommissioning, etc. This includes cost estimates, impact on electricity use and the overall cost-effectiveness of the options being considered.
11. Complete a preliminary environmental and social impact assessment of the options developed during the pre-feasibility study to provide input to the options on to the likely environment impact of each.
12. Complete a mid-project workshop with the same participants as (5) above to review the project results to date.
13. Determine, based on the options considered, the potential role of renewable energy resources to provide electricity to the Voda Donbasu utility to reduce the electricity used by the utility. Using Voda Donbasu controlled land for location of such resources should be considered as a priority. The renewable energy resources that should be reviewed for application to Voda Donbasu include at least wind power and solar PV systems, or hybrid combinations. The renewable energy assessment should include, at a minimum, the following: (1) size and technology type; (2) possible location (using Google earth to determine likely sizing, capacity and energy generation potential is sufficient for this pre-feasibility); (3) electricity cost and profile and how it matches the usage pattern of the utility; (4) cost estimates; (5) preliminary system design in sufficient detail to provide reasonable confidence in the cost estimation; and (6) recommended timeframe for implementation.
14. Prepare a comparative table/matrix of the different options that could apply, with benefits and advantages of each option and potential drawbacks, as well as indicative costs.
15. Develop a recommended (preferred option) plan for Voda Donbasu based on items 10, 11, 13 and 14, in terms of changes recommended for the Voda Donbasu utility water conveyances and network and other assets, combined with a recommended renewable energy resource deployment plan, based on the cost-effectiveness of the options

examined. Alternative options should also be indicated, as well as, the trade-offs between options. A proposed implementation plan and timeframe for the recommended option should be provided.

16. Provide the results of the project (focusing especially on the recommended plan) to the same group as (5) and reflect the feedback in the project's final report. The final report should summarize the project, identify the preferred option(s) and financing requirements, as well as, provide a preliminary indication of possible funding sources. Recommended next steps should also be considered.

#### **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: Inception report**

Approximately 20-page report, excluding attachments that provides a detailed work program (Gantt) and indicates baseline information collected for this study and if warranted, refinements to the terms of reference.

##### **Deliverable 2: Workshop on the Inception report (Kyiv or Kramatorsk)**

This half-day workshop would be intended to present the inception report to the donor community (e.g., ICRC, USAID, interested IFIs, WASH), embassies and Government of Ukraine representatives, or other key stakeholders.

##### **Deliverable 3: Water supply and demand forecast for Voda Donbasu**

This report will provide the demand forecast for water in the Voda Donbasu service territory. It will examine at least three scenarios for water demand based on scenarios to be agreed during, or before, the inception workshop.

##### **Deliverable 4: Electricity usage assessment ("as is")**

This report examines the electricity usage for Voda Donbasu with allocation to the various elements of the system (e.g., water pumping) and the demand placed by each, as well as preliminary indications of possible opportunities for electricity reduction and potential contribution of renewable energy resources

##### **Deliverable 5: Review of the Voda Donbasu water conveyance system and network and options**

This report examines the current system in comparison with water demand and presents options that could be considered to optimize the sizing of the system

##### **Deliverable 6: Water quality assessment**

This report will review available information, supplemented with site visits as warranted, to provide an assessment of water quality and the extent to which there are issues that need to be addressed and how they might be addressed.

##### **Deliverable 7: Mid-project workshop**

This half-day workshop would be intended to present the work done to date for a mid-project review by the donor community (e.g., USAID, interested IFIs, UNICEF, WASH), embassies and Government of Ukraine representatives, and other key stakeholders.

**Deliverable 8: Options study for Voda Donbassu (pre-feasibility)**

This report will provide the recommended program for Voda Donbasu for water conveyance and network changes (if warranted and cost-effective), asset decommissioning and replacement, and renewable energy deployment, with the cost-effectiveness of the options presented. This report should also include a preliminary implementation plan for the recommended option(s) or alternative(s) that includes timing and capital expenditures (investment) requirements (with the assumption being that investment will be provided via external sources).

**Deliverable 9: Preliminary ESIA**

This report should be undertaken in tandem with the options study such that the options study can also take into account the preliminary ESIA findings.

**Deliverable 10: Final report**

This report provides a high-level overview of the project and its recommendations, as well as recommendations for next steps. It will include as attachments all of the work products produced.

**Deliverable 11: Final workshop**

This half-day workshop would be intended to present the final project results for review by the donor community (e.g., ICRC, USAID, European Investment Bank, UNICEF, WASH), embassies and Government of Ukraine representatives, and other key stakeholders.

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	Inception report	1 month after contract award
2	Workshop on the Inception report (Kyiv or Kramatorsk)	Month 2 after contract award
3	Water supply and demand forecast for Voda Donbassu	End of Month 3 after contract award
4	Electricity usage assessment (“as is”)	End of Month 3 after contract award
5	Review of the Voda Donbassu water conveyance system and network and options	End of Month 4 after contract award

6	Water quality assessment	End of Month 4 after contract award
7	Mid-project workshop	During Month 5 after contract award
8	Options study for Voda Donbassu (pre-feasibility)	End of Month 6 after contract award
9	Preliminary ESIA	End of Month 6 after contract award
10	Final report	End of Month 7 after contract award
11	Final workshop	Month 8 after contract award



**ATTACHMENT B – 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>\$ -</b>
<b>Travel, Transportation &amp; Per Diem/Подорожі, транспорт та суточні</b>			
Airfare/Авіапереліт	\$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>\$ -</b>
<b>Other Direct Costs/Інші непрямі витрати</b>			
<b>Subtotal Other Direct Costs/Вартість інших непрямих витрат</b>			<b>\$ -</b>
<b>TOTAL ESTIMATED COST/ЗАГАЛЬНА ВАРТІСТЬ</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/Таблиця 2 – Графік платежу**

<b>Offeror Deliverable</b>	<b>Expected Due Date</b>	<b>Fixed Price Payment Amount</b>
1. Inception report	...	10%
2. Workshop on the Inception report (Kyiv or Kramatorsk)	...	5%
3. Water supply and demand forecast for Voda Donbassu		10%
4. Electricity usage assessment (“as is”)		10%
5. Review of the Voda Donbassu water conveyance system and network and options		15%
6. Water quality assessment		5%
7. Mid-project workshop		5%
8. Options study for Voda Donbassu (pre-feasibility)		15%
9. Preliminary ESIA		10%
10. Final report		10%
11. Final workshop		5%

**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 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 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: \_\_\_\_\_