Tender Questions & Answers

FROM:	DANISH REFUGEE COUNCIL
Tender No:	RFP-UKR-00350606
Tender Title:	Energy systems installation works
Tender Issuing Date:	17-06-2025
Tender Closing Date:	16-07-2025

Danish Refugee Council Ukraine has in reference to above tender period received the following questions

to the Tender, and hereby provides responsive answers by best endeavour to all relevant Vendors & Suppliers.

#	Enquiries to the Tender		
+ -	Date	Question	Answer
1	18-06-2025	The tender conditions provides, in particular:"The Bidder shall have at least 5 years of experience in the relevant field. The Bidder must provide proven experience in the relevant field (contracts of previously implemented projects / other relevant documentation). The Contractor shall be the main partner in these projects. Previous projects should specifically demonstrate experience in infrastructure projects with a minimum capacity of 20 kW". Can Ottomankaish LLC take part in this tender and submit a tender offer on its own, taking as a partner a suitable company that meets these criteria in terms of experience, implemented projects, personnel?	According to the tender requirements and criteria, the Contractor must be the main partner in the projects it provides as experience. That is, the bidder must be the company that meet this criterion.
2	20-06-2025	How do you plan to organize site visits for LOT 3?	The schedule of site visits is specified in the Invitation Letter (document titled RFP-UKR-00350606 Invitation Letter) of this tender dossier. According to the tender procedure described in the Invitation Letter, the organization of the site visits is as follows: - DRC receives a request from the Bidder to visit a particular site (list); - The Bidder sends contacts of the persons who will be present during the visit; - DRC sends contacts of persons who will accompany the participant (representative of the Shelter department and representative of the Supply Chain department) - At the appointed time, the Bidder and representatives of DRC visit the objects.
3	20-06-2025	Is there any additional information on the parameters of the equipment at the facilities?	The parameters of the equipment that DRC intends to install are specified in Annex A.1.1 Bid Form - Technical, Part 1, where bidders are to submit their bids. Additionally, in the Invitation Letter (the document with the title RFP-UKR-00350606 Invitation Letter) of this tender dossier, in section A. Administrative Evaluation (paragraph of Table 9), contains a reference to the Feasibility Study for each facility.
4	25-06-2025	LOT 4, Objects No. 1-4 1) Is there a lightning rod and grounding? 2) Availability of the Internet? 3) Do you need to install an anti-vandal cabinet?	The work in relation to questions 1 and 2 will be performed by the Beneficiary. The installation of the anti-vandal cabinet is expected to be at the Contractor's expense.

5	26-06-2025	LOT 1, Object No. 1 The following points were identified during the site visit:	- The facility is undergoing reconstruction. - Roof: has a lightning protection system, is available for panel installation, delivery and lifting capabilities - no comments. - Equipment room: the most acceptable option is next to the server room. Ventilation issues should be addressed as part of the reconstruction. - Power grid: the exact location of the switchboard is not yet determined, it may be relocated. Cable laying: through the technical shaft or along the building facade.
6	26-06-2025	LOT 1, Object 2 The following points were identified during the site visit:	- Roof: no lightning protection. Installation is technically possible. There is a truck access and the possibility of installing a crane. - Equipment room: the most convenient is next to the control room. - Power supply: the switchboard is located next to the technical room. It is possible to lay cables to the roof.
7	26-06-2025	LOT 2, Object No. 1 The following points were identified during the site visit:	- Roof: no lightning protection. Installation is possible. - Logistics: there is currently no direct access for a truck or crane. Access will be provided during landscaping (tree trimming or cable relocation). - Equipment room: it is planned to install directly in the control room. - Electrical network: cables are planned to be laid along the facade to the roof.
8	27-06-2025	LOT 3, Object No. 1 The following points were identified during the site visit:	- The facility is in operation, and two additional water tanks are planned to be installed in the near future. - Roof: due to its technical condition, the roof is not suitable for panel installation. - Equipment placement: the most acceptable option is to place the solar panels on the land near the main building of the pumping station. Placement of the inverter, batteries and other equipment in the pumping station building near the pumps. - Power grid: Laying a cable from the street under the ground through the facade of the building to the pumping station.
9	27-06-2025	LOT 3, Object No. 2 The following points were identified during the site visit:	- The facility is in operation. - Roof: the roof is not suitable for panel installation due to its technical condition. - Equipment placement: the most acceptable option is to place the solar panels on the land near the main building of the pumping station. Placement of the inverter, batteries and other equipment in the pumping station building near the pumps. - Power grid: Laying a cable from the street under the ground through the facade of the building to the pumping station.
10	27-06-2025	LOT 5, Object No. 2, Municipal Clinical Hospital No. 5, 5 Marko Vovchok St., Sumy: - the site visit results revealed that the number of panels specified by the DRC cannot actually be placed on the roof of the building. Can we reduce the number of panels, but compensate for the total capacity by installing panels of higher power?	Bidders are expected to provide offers for the total capacity of the requested equipment, i.e. the proposed quantity of equipment may differ if analogues (with different unit capacities) are offered, but the total capacity of the equipment specified by the DRC must be maintained. For example, for item 3 of Lot 5 of Object 2: request 210 pcs if the offer fully complies with the request of the DRC. But if an analog is offered and the power of a single panel is different, the calculation should look like this: (number of panels) = 115.5 kW / (panel power).

11	27-06-2025	LOT 6, Object No. 1, Primary Health Care Center No. 2, Sumy. Sumy, 3-A Pryvokzalna St. - the site visit results revealed that the roof of the building is in poor condition and may lead to the impossibility of installing solar panels. Please consider this issue and make an appropriate decision.	Negotiations were held and an agreement was reached that the owners of the facility would carry out the necessary repairs on their own before the equipment installation, and an official letter No. 654/05-21 dated 02.07.2025 was received.
12	27-06-2025	Is it possible to submit a proposal only in Ukrainian?	According to the DRC's procurement procedures and tender requirements, an English-Ukrainian version is preferred, but if this is not possible, a proposal submitted in Ukrainian will also be considered.
13	01-07-2025	Due to the restriction specified in RFP-UKR-00350606 Invitation Letter UKR on sending letters by e-mail in the amount of 4 MB, please inform whether the Bidder can provide the technical and qualification part of the proposal in electronic form as an archive via file sharing. If this is acceptable, please provide the name of this resource to which this documentation can be provided.	DRC recommend that the Financial Proposal (Annex A.2) and the Technical Proposal (Annexes A.1.1 and A.1.2) be sent as attachments to the message to the e-mail address specified in the tender documents, all other requested documents may be sent via any file exchanger.
14	01-07-2025	Please explaine how to fill paragraph 3 (table) in Annex 1.1.2. LOTs 1 and 2 are in one column, which means 5 objects. At the previous meeting, it was discussed that it is possible to apply for each object separately or at least LOT. How should this table be filled in in this case? There are two objects in one LOT, should they start simultaneously or gradually? Another question - will LOTs 1, 2, 3 be built gradually or simultaneously?	- The table with the schedule in Annex 1.1.2 has been updated (updated documents have been sent to the bidders), you can fill in the table for each lot within one document. - Lots 1 and 2 are combined together in the table because, in the opinion of the DRC technical team, they have the same implementation period for each stage (if you refer to Annex G Terms of Reference, you will clearly see). If, according to your proposal, these will be different numbers of days for Lots 1 and 2, you can divide them into separate columns or specify each separately within one column. - Fill in the table only for the Lots you are applying for. - It does not matter for the DRC whether the implementation of the facilities and Lots will start simultaneously or gradually, the most important thing is that the Contractor meets the 3-month deadline for completion.
15	26-06-2025	We did not find the feasibility study by the link for some LOTs, namely: LOT 5, object №2 and LOT 6, object №1	The feasibility studies for 14 facilities are available via link: https://drive.google.com/drive/folders/1izslsPUbFuSLKNp7QhdIgWIQnBM82ZfB?hl=ru
16	26-06-2025	In the technical Annex A.1.1, some items of inverters are listed as EU and US production, and some are not, why?	The requirements for EU/USA production have been removed from the tender documents.
17	26-06-2025	There are no hybrid inverters for 100 kW produced in the EU and the USA, is it possible to gain power with several inverters in this case? How do you calculate it in this case?	The tender documents indicate the total required power, it is possible to offer several inverters with lower power, which in total will make up the total required power, for example, for a DRC request for 1 piece of 100 kW, it is possible to offer 2 pieces of 50 kW.
18	26-06-2025	Does it matter which EU country should be the manufacturer of the equipment where EU/US production is indicated?	The requirements for EU/USA production have been removed from the tender documents.
19	26-06-2025	Regarding rechargeable batteries, are there no requirements for the country of origin?	According to the tender documents, there is no such requirement, only a requirement for the compatibility of the proposed equipment system.
20	26-06-2025	Is it possible to consider a longer project implementation period for LOTs 1, 2, 3, since it is problematic to implement a project of this complexity in 3 months.	Extension of the project implementation period is not desirable, but will be decided on an individual basis after consideration of the bids. The bidders are expected to propose appropriate solutions and their vision for project implementation within the timeframe requested by the DRC, e.g., permitting processes and procurement of necessary equipment can be carried out in parallel. The schedule of the project implementation can be set out in the proposal in Annex A.1.2.

21	26-06-2025	Obtaining opening/closing permits on the Contractor's side?	It is expected that the process of obtaining permits will be implemented by the Contractor.
22	26-06-2025	Should technical supervision be included in the calculation?	It is expected that the bidder will include the cost of the author's supervision in the cost of their proposal. Technical supervision and technical inventory, according to the Ukrainian law, is the responsibility of the Owner.
23	26-06-2025	According to the site visit of LOT 5, Object 2, there is a possibility that the quantity of panels requested by the DRC will not fit on the roof. Is it possible to reduce the number of panels in the proposal?	According to the tender documents, the DRC specified the required total capacity of the equipment and the minimum possible capacity of one solar panel. The quantity may be different from the one specified by the DRC, provided that it meets the required power criteria.
24	26-06-2025	What will be the form of closing the work performed: KB-2, KB-3 or a tabular European form?	The DRC expects a tabular European form of calculation.
25	26-06-2025	If during the design process it turns out that the roof is not suitable for the installation of equipment, how is the Agreement amended in this case?	Prior to the announcement of this tender, a feasibility study was carried out for each facility (including an expert report), which confirmed that all roofs were suitable for the installation of the requested equipment.
26	26-06-2025	There is no expert report on LOT 6 Object No. 1 in the feasibility study. Is it necessary to include the cost of conducting a roofing survey by specialists in the commercial offer?	There is no expert report on LOT 6, Objects 1-3. It is necessary to include the cost of the roof survey in the commercial offer.
27	26-06-2025	Is it possible to disregard the capacity of a particular facility authorized by Oblenergo?	If you mean that there is no provision for generating electricity for the oblenergo grid, then yes, it is true, only for the facility's own needs.
28	26-06-2025	Is a prepayment possible, what is the percentage and what is the mechanism of discussion?	The Bidder is expected to mobilize its own resources to implement the project, according to the tender documentation. Usually, the DRC operates on a post-payment basis within 30 calendar days after receipt of services/works/goods. However, it is possible to consider the feasibility of paying a certain part of the amount as an advance payment. In each case, it is considered and agreed individually at the stage of signing the contract.
29	26-06-2025	Is it possible to attach the reports of a group of companies rather than a single company?	It is possible to review documents of a group of companies if evidence is provided that the companies are related and have the same owner. Also, according to the tender requirements and criteria, the Contractor must be the main partner in the projects it provides as experience.
30	26-06-2025	Is it possible to use expert reports provided by the DRC attached to the feasibility study?	All documents provided to bidders in the tender package may be used in the preparation of the offer.
31	26-06-2025	Is this project exempt from VAT? Will the payment be in euros?	Bidders are expected to provide prices including VAT. The currency of payment depends on the currency in which the bid is submitted. Payment in foreign currency is possible if the contract is signed with DRC (Denmark), or in UAH converted at the exchange rate of the currency in which the bid is submitted if the contract is signed with DRC (Ukraine).
32	26-06-2025	Are there any requirements for the material of construction, aluminum or galvanized?	The requirements are spelled out in the feasibility study for each facility in the section "Requirements for structural materials"; structures must be protected from the environment.
33	26-06-2025	Should the bidder attach the ISO 9001 certification of the equipment?	If the participant specifies the specific brand and exact characteristics of the equipment, and attaches a certificate or passport of the equipment, certification according to ISO 9001 is not required.
34	26-06-2025	Do technical solutions and the quality of the proposed materials affect the evaluation of the proposal?	The list of technical evaluation criteria is set out in the Invitation Letter to this tender.

35	26-06-2025	Can the bidder apply for all lots if it do not have the financial capacity to apply for all lots?	Bidder can submit a proposal for all lots; however, during the evaluation and award process, their financial capacity will be assessed to ensure they can fulfill the tender(and contract) obligations. If the bidder's financial capacity is insufficient to cover all lots they applied for, they will only be awarded the lots within their financial capability, in line with the tender requirements. In other words, applying for all lots is allowed, but the final award will be limited to what the bidder can financially support to ensure successful contract execution.
36	26-06-2025	Are bids for facilities accepted without a prior site visit?	Visiting the sites is possible, according to the tender documents, but not mandatory.
37	26-06-2025	Do site visits provide advantages or additional points in the evaluation?	According to the tender documents, there is no such criterion.
38	26-06-2025	Can an agreement that has been physically executed but not yet documented be submitted as experience?	Along with the contract, a letter from the customer confirming the actual work performed and its quality is expected.
39	26-06-2025	How will the efficiency and quality of the proposed panels be assessed?	The technical Annex A.1.1 specifies the requirements for the technical parameters of solar panels, and the tender documentation also stipulates the minimum requirements for the warranty period of the equipment.
40	26-06-2025	Does the DRC need a warranty for the work and further maintenance?	The tender documents stipulate the minimum requirements for warranty service of the equipment. No additional service is expected.
41	26-06-2025	Is it possible to change the warranty period for rechargeable batteries from 1 year to 5 years?	The tender documents specify the minimum required warranty period. A proposal is considered technically acceptable if it meets or exceeds the specified requirements and specifications.

42	07-07-2025	In order to carry out works on the objects Pumping Station at the Municipal Enterprise “Oblavodokanal” of the Zaporizhzhia Regional Council in Vilnyansk and Pumping Station at the Municipal Enterprise “Oblavodokanal” of the Zaporizhzhia Regional Council in Mykhailivske village with the location of solar power plants on an unoccupied land plot, it is necessary to obtain urban planning conditions, as according to the state building codes, this is a New Construction. To obtain a permit for New Construction, we need to: 1. Obtaining urban planning conditions 2. Geodesy and geology 3. A lease agreement for a shelter located within a radius of 500 meters or in case of its absence, it is necessary to design and build a shelter for the commissioning of the SPP in accordance with the current building codes. Please provide information on the listed items.	1. Regarding the need to obtain urban planning conditions and restrictions (UPC): In accordance with clause 4 of the Order of the Ministry of Regional Development No. 289 dated 06.11.2017, urban planning conditions and restrictions are not provided in the case of construction of engineering structures that do not change the purpose of the land plot and do not require a change in the functional purpose of the territory. In our case: - The SPP is located on the existing territory of a pumping station, which is intended for housing and communal services. - The SPP is an engineering structure that provides power supply to the existing facility and does not change the functional use of the site. Thus, the requirement to obtain a MOU does not apply to this project. 2. Regarding geodetic and geological surveys: - The topographic survey (geodesy) was performed in the latest up-to-date version, the materials are available in the annexes. - Engineering and geological surveys are to be performed at the design stage by a contractor organization that will be selected based on the results of the tender procedure. 3. Regarding the shelter: According to the current state building codes, the requirement for a shelter applies to facilities where permanent staff or massive gatherings of people are expected. The projected SPP is not a facility with permanent or temporary presence of service personnel, and all operational activities are planned to be carried out periodically according to the maintenance schedule. In this regard, the construction or lease of a protective structure (shelter) is not required.
43	09-07-2025	In accordance with the terms of reference for Lot 5, inverters are to be installed at facilities No. 1 and No. 2: 15 kW - 3 units and 20 kW - 3 units. Is it possible to replace these inverters with inverters of higher power, but reduce their number?	This replacement is possible provided that the number of inverters is at least two and each inverter is equipped with a manual control system.
44	09-07-2025	Can inverters and batteries be installed in the basement instead of in the location of the solar panels (in the roof space)?	This can be done if the building has the technical capability.

45	10-07-2025	We have comments on the SoW and solution options, please approve the changes to LOT 4.1_FEA Savintsy pumping station UKRThree screenshots from Lot 4 of the first project are attached to the letter. Based on the technical solutions in previous lots where Victron Energy systems together with Fronius are used, this solution is incorrect.Fronius inverters can only operate in the event of a loss of external grid power if they are connected to the AC OUT side of the Victron inverter. If connected to the AC IN side, the Fronius inverters will shut down and Victron will not be able to control them.Victron Energy systems provide for integration with Fronius grid-tie inverters only on the AC OUT side, in cases where grid-tie inverters are required to operate as stand-alone inverters and under the mandatory condition that the total power of the Fronius inverters must not exceed the power of the Victron system.In this case, three Victron Energy inverters are provided, which are switched into a three-phase system with a capacity of 15/15/15 kVA, which in total gives 45 kVA. At the same time, two Fronius inverters of 30 kW each (60 kW in total) are proposed. In this configuration, one of them is connected to AC OUT and the other to AC IN.If it is not critical for the customer to turn off one Fronius inverter and, accordingly, lose half of the PV generation when the grid goes down, then this system may be acceptable. If it is critical, it is necessary to increase the capacity of the Victron system to 60 kVA. This can be realized in two ways: - installation of 6 inverters of 15 kVA each, - installation of 6 inverters of 10 kVA each, - installation of Fronius inverters with a total capacity of no more than 45 kW.	The scheme is provided for illustrative purposes only, it does not determine the final structure of the solar station and does not determine the manufacturer of the equipment, but the technical characteristics indicated in the table must be met (total capacity, type, etc.). As for the connection of inverters to each other and the installation of equipment, the last decision is up to the designer, who is responsible for his technical decisions under the law. Yes, the scheme is imperfectly drawn up due to the fact that one mains inverter is indicated, but in fact there are two of them - one should be mains, the other after the battery inverter. Indeed, one mains inverter will not work when the mains is disconnected. Each company should submit a proposal for the type and total capacity of equipment specified in the request, since the feasibility study fully reflects the needs of the facility.

On behalf of DRC

Yours sincerely,

Yaroslava Kulichenko Digitally signed by Yaroslava Kulichenko Date: 2025.07.11 08:58:35 +03'00'

10-07-2025