

Highlights of the Prebid Conference for the Supply, Installation and Commissioning of a 40kWp solar PV-Grid tie system and 3 x 5kWp solar hybrid grid tie PV System
01 October 2021, 10:00-11:30pm through Zoom Conference

1. Overview and Introduction

Ricardo Torres, Program Manager, UNDP Climate Action Teams – Dreams Project

- The project for tender is a proposal from the Provincial Government of Iloilo thru the Support Facility for Renewable Energy of the DREAMS Project.
- It aims to respond to the COVID-19 situation by providing a secured source of energy to the Molecular Biology Laboratory of the province to ensure continued operations.
- This project will likewise be a model of RE in healthcare facilities that might be replicated by the provincial government to their 13 other provincial hospitals.

2. Technical Specification, site location and other technical requirements

Rolle Depakakibo, Division Chief – Iloilo Provincial Planning and Development Office

- The project will be in the Iloilo Provincial Hospital located at Pototan, Iloilo. It will provide additional source of energy for the molecular biology laboratory and operating room of the hospital.
- It is for the benefit of the people of Iloilo thus requests that the whoever gets contracted take more effort in ensuring the quality of their work.

3. Briefing on the RFQ, Eligibility Requirement and Evaluation Criteria

Robert Quilala, Procurement Associate, UNDP Procurement Team

In his briefing, Robert discussed the eligibility requirements below:

- A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.
- It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.
- Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.
- Minimum of 3 years of experience in project integration or Engineering, Procurement and Construction (EPC) of residential and commercial solar PV systems (2 kW to 100 kW systems)
- Minimum average annual turnover of PHP 5,000,000.00 for the last 2 years.

And the List of documents to be submitted:

- ☒ Annex 2: Quotation Submission Form duly completed and signed
- ☒ Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1
- ☒ Company Profile.

- ☒ Registration certificate (DTI/SEC Certificate and Business permit for local firm) and equivalent/similar documents for international firm.
- ☒ List and value of projects performed for the last 5 years plus client's contact details who may be contacted for further information on those contracts
- ☒ Audited Financial Statements in the last two (2) years
- ☒ Proposed implementation plan for the period of the contract
- ☒ CV of key personnel as defined in project team composition.
- ☒ Technical plans and specifications with Single line diagram based on the bill of materials (BOM).
- ☒ Brochures with technical specifications for primary components particularly solar panels, battery, inverter, battery charge controller, circuit breakers, surge suppressors shall be submitted. Non-submission of brochures for these items will be an automatic ground for a disqualification. The rest of the components, e.g.wires, mountings will require technical specifications only to ensure its consistency with the BOM. UNDP reserves the right to ask for additional information as it deem proper. Aside from the technical specifications, submission of pictures for items without brochures is highly recommended to facilitate review of the bid proposal.
- ☒ Drawing with specifications and measurements for the mounting structure for the 40kW Solar PV Grid Tied Net Metering. For the steel mounting structure and railings, the detailed drawing and technical specifications and measurements on the proposed height and earthworks to be undertaken, the materials for the reinforcing steels and steel framings shall be submitted. The solar panel mounting structure will be located in the car parking area. The panels to be installed will provide a shade to serve as partial roofing for cars.

He further discussed that the evaluation is a step-by-step process, starts with eligibility assessment, followed by the technical evaluation then finally the financial evaluation. Vendor who will not qualify in the eligibility assessment will not be endorsed for the technical review. Subsequently, vendor who will not pass the technical evaluation will not be included in the financial evaluation. The award criteria is technically-compliant lowest bid.

3. Open Forum (Question and Answer)

	Clarification	UNDP's Response
1	Carport needs water protection	No, the solar panels will act as partial roofing of the carpark area
2	Carport will have cement flooring?	Yes, it is already cemented (refer to plan in the TOR)
3	Do we need to secure building permits for the carport?	Yes. The contractor as builder will prepare the documents and submit requirements based on the requirement of the concerned LGU. The IPH may be able to assist in the following up but the building permit has to be secured by Contractor
4	Can we provide higher specifications for panel and inverter?	Yes, for the panel, yes for the inverter but the inverter should still be four units for the 400-kW component regardless of the capacity of the inverters
5	Can we provide lower capacity for the panels but will still meet the overall requirement of the project?	Yes
6	On the grid tie, is there a backup power for the system?	Yes, the hospital has back-up generator

7	Should we put in consideration in our proposal the existing wirings of the buildings (retrofitting)?	for the molecular lab & OR, separate circuit panels for the priority loads
8	Any wind loading requirements in terms of kph?	240kph
9	Is there a detailed design for the Molecular Lab:	There is a detailed design for the molecular laboratory - as built plans for the roof structure of the Molecular lab For the OR, put it on the covered walkway beside/near the building; Refer to attached detailed design for the molecular laboratory
10	For the solar the cable 6mm are we going to follow qty per BOM or we can propose either lower or higher based on the actual ocular visit	Yes, because the contract is build and design provided that the proposed design will meet the required capacity and guarantee the safety of the system.
11	Is there a preferred country of origin for the materials?	None
12	Where will the testing of the materials happen?	Yes, at the warehouse prior to delivery to the site. (regardless of whether the items are local or imported). The actual schedules and location of inspection, participants and methods will be discussed as part of inception planning.
13	Can we do roof leak testing?	Only for the molecular laboratory area
14	On the tapping point of the on-grid, can we specify if the transformer is Y or Delta?	refer to the SLD
15	Capacity of the Genset	400 KW
16	can we modify the design structural support to ensure support of the solar panels in the carpark area?	Yes (especially for bigger capacity PVs)
17	US exchange rate to be followed?	UNORE of the month of bid submission 2021
19	Is the hospital serve under a single DU meter or account?	Yes, under ILECO II
20	Are we applying for net metering?	Yes
21	The 2 x 5kW should be connected in the molecular lab	We can just put the sensor before entry, main circuit breaker so we can decide if we will export or not. But definitely the 10 kW is not enough to supply the molecular lab, there is not chance that the PV panel will export.
22	For the hybrid systems, are they required to have zero export accessory?	No, for better maintenance from the side of the IPH
23	Is it acceptable for the Molec. Lab to have one larger 10kw Inverter vs. 2pcs 5kw inverter in parallel?	No, for better maintenance from the side of the IPH
24	We understand that the 40kW will be constructed as part of a carport canopy? We seek clarification if the	as per TOR, the civil works required are for the construction post or the structure of the solar panels that will serve as shade in the carport.

	construction of that carport (civil works) will be done from your end, and is outside of this RFQ?	
25	"The cost of net-metering application and other requirements for the net-metering will be shouldered by the counterpart of the Provincial Government of Iloilo and the Electric Cooperative" - Can you confirm our understanding that this cost shall not be borne by the Contractor?	Yes the cost will be borne by the Provincial Government but the Contractor will assist the client in preparing the documents needed for the applications. The Electric Cooperative will be facilitate processing and may provide discount or waive the fees; but that is for them to the discuss.
26	Can you please elaborate on the "Performance Security" required?	This is not a requirement
27	Do you have roof plans available for the location of the 10kW and 5kW Hybrid systems? Is it visible on Google maps?	See TOR on roof plans.
28	"List and value of projects performed for the last 5 years plus client's contact details who may be contacted for further information on those contracts" - Do you require these projects as Solar-related? We are in the Telecom and IT business as well, can we submit non-solar projects as references?	List of projects similar in scope and nature with UNDP's project (Supply and installation of Solar PV systems)
29	For Eligibility requirements: "Minimum of 3 years of experience in project integration or Engineering, Procurement, Construction (EPC) of residential and commercial solar PV systems (2kW-100kW systems) ; Minimum average annual turnover of PHP 5MM for the last 2 years" - Do you only require experience in the Philippines or does international solar projects count?	You may submit for both local and international solar projects
30	On the tapping point in the grid, is the transformer Wye-Delta?	Wye-Delta

Please be guided accordingly.

Thank you.

