



GOVERNMENT OF TUVALU

Tuvalu Energy Sector Development Project

Design, Supply, and Installation of Solar PV Facility and Energy Storage System

CLARIFICATION No.2 to the RFB

Dear Bidders,

In response to questions received regarding the above tender, please find details of questions and answers below:

Questions Received	Client Response
<p>1. Regarding logistics, we should undertake the transportation of the Goods to Funauti, Tuvalu. Please confirm if the following services will be carried out by the Employer:</p> <ul style="list-style-type: none"> • Loading and/or unloading of the Products whenever necessary in the recipient country including at the port, airport, and/or the Site(s). • Use/Hire of special equipment and accessories when necessary to ensure a smooth unloading and transportation. • Storage at the recipient country's port/airport and/or other places if necessary. • Transportation of the Products from the berth to the warehouse inside the unloading port/place or container yard. • Demurrage at the unloading port/place if necessary and container detention charge (when transported by containers). • Licenses, and official authorizations necessary for import. • Duties, taxes, or other fiscal levies payable in the recipient country. • Customs formalities and any other procedure necessary for import in the recipient country. 	<p>In accordance with the CIP terms, the Employer will assist the contractor with the items highlighted in yellow.</p>
<p>2. Is the project exempt from customs duties and taxes for the items that must be specified in Price Schedule No. 1? If not, please confirm if the Employer will bear these costs.</p>	<p>Project materials will be exempted from taxes.</p>
<p>3. Bearing in mind Form PER -1 Contractor's Representative and Other Key Personnel Schedule (page 79) and Contractor's Representative and Key Personnel (page 168), we kindly ask for clarify which one must be submitted in our offer.</p>	<p>Form PER -1 Contractor's Representative and Other Key Personnel Schedule shall be included in the bid against the Personnel's requirements identified in the Contractor's Representative and Key</p>

	Personnel. Please refer to Addendum 2.
4. We kindly ask the tender committee to provide a 2 weeks extension to the deadline considering the easter holidays.	The project team will discuss and inform all interested contractors.
5. TEC Single line Diagram Can you please share the SLD in a better quality as it is not readable (AutoCAD would be preferable)	Please refer to the following documents: https://www.dropbox.com/scl/fo/c7rk2wzq7mcapxlmcr9w1/h?rlkey=loh2kna0oqnx2oiccooo1ou&dl=0
6. BESS (Batteries and Barrey Inverters) Please confirm that the BESS, composed of batteries and battery inverter, are already existing in a different site, and the bidder will need to quote for relocating them in addition to commissioning.	The batteries are already in the country without any inverters. The bidder needs to quote on the inverters.
7. ComAp Controller Please confirm that we are responsible to supply the ComAp controller, and that the controller is not existing	Please refer to the single line diagram provided. https://www.dropbox.com/scl/fo/c7rk2wzq7mcapxlmcr9w1/h?rlkey=loh2kna0oqnx2oiccooo1ou&dl=0 Under this project only the Hybrid Controller to be supplied. Other controllers have been met by the ADB project.
8. New location of batteries and battery inverters: a. Shall we build the new room for batteries "drawn on page 140/325 "I0090-M-08" of the bid? Is it a containerized solution? Or the room is existing? b. Reference to "I0090-M-08" Draft Array Layout BESS Location page 140/325, are the trenches exist 2 / 2 currently, or we need to factor in digging trenches?	Batteries supplied by the previous contractor is TESLA batteries. It is planned for the batteries to be installed outdoor on a concrete platform.
9. Tesla Battery Storage Conditions: What have been the storage conditions of the batteries since their arrival on-site?	It was stored in the Hanger. Recently, it was transferred to the marine warehouse.
10. Tesla Battery Health Checks: Have any health checks or diagnostics been performed on the batteries since their storage?	Yes, we have performed one health checks and need an urgent health check.
11. Tesla Battery Warranty Status: What is the current warranty status of the batteries?	Still sorting out with the previous contractor to transfer the warranty to the client.
12. Tesla Battery Manufacturing Dates: Can you provide the manufacturing dates of the batteries?	Information not available.
13. Tesla Battery Previous Usage: Were the batteries previously used or deployed in any capacity before being stored?	No, brand new TESLA batteries.
14. Tesla Battery Documentation and Manuals Are there any storage and maintenance documentation, manufacturer manuals, or guidelines provided with the batteries?	We have some information provided by the previous contractor.
15. Tesla BESS Visual Inspection: Has a recent visual inspection of the batteries been conducted?	Yes, been done and are all safe and sound.

<p>16. Tesla Authorized Contractor: Will you kindly provide a list of Tesla Authorized service providers in the region for the subject tender?</p>	<p>There is a TESLA representative in NZ and we are in contact for a health check. Not sure of other TESLA authorized contractor in the region.</p>
<p>17. Employers Requirements, p 152: "The contractor will be responsible for reviewing existing studies and undertaking earthing studies, protection studies, fault analysis, and any other technical studies required for the correct design and operation of the BESS, if not already performed by the original contractor." Please kindly confirm that the mentioned study is not already performed by the original contractor.</p>	<p>Studies had been done by the previous contractor, please refer to https://www.dropbox.com/scl/fo/9dqwqqsdfke6c60bmn2km/h?rlkey=skvrldq6yayhgq7xamznlxqv&dl=0</p>
<p>18. Transformer: Two transformers are mentioned in the bid: 1. The step-up PV transformer that will need to be supplied and installed by the bidder 2. The ESS Transformer. Can you please confirm that this is existing, and the bidder will need to quote for installation and commissioning?</p>	<p>Yes, the bidder needs to quote for the 2-transformers and commissioning.</p>
<p>19. Can you confirm that all BESS, structure and solar panels will be provided by TEC or do we need to provide some of them? Have some soil studies been done? Some glare studies (solar reflexion because of the airport which is quite close)? Could you also let us know what happened with the previous contractor who had provided all that equipment?</p>	<p>Only the BESS was provided and not other accessories. Solar PV modules and structures were already provided. Aggregates were also provided and not the cement.</p>
<p>20. Could you also provide us with the technical sheets of the solar modules, TESLA BESS and additional equipment provided by previous contractor that are currently stored on site?</p>	<p>Please refer to: https://www.dropbox.com/scl/fo/x9uhtiwxzov4vhje33a0/h?rlkey=iq9wlfhlhmvm4isb4dcls60kf&dl=0</p>
<p>21. Taking into account Addendum 1 and Section III - Evaluation and Qualification Criteria, 4.2(a) Specific Experience, the requested contract value is higher than the normal contract value for the mentioned scope. Therefore, for 1 contract (PV), we kindly propose a value of at least 3 MUSD instead of 4.5 MUSD.</p>	<p>Accepted. Please refer to Addendum 2.</p>
<p>22. Referring to Client's Response number 2 from Clarification_1_RFB Solar PV #1, we kindly want to add, that the link attached didn't have included the mentioned drawings and site surveys. We would be very grateful if you could provide us with them.</p>	<p>Please refer to the documents here: https://www.dropbox.com/scl/fo/9dqwqqsdfke6c60bmn2km/h?rlkey=skvrldq6yayhgq7xamznlxqv&dl=0</p>