



## Yap State Public Service Corporation

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### **CLARIFICATION # 1**

**Date:** 2/06/2025

**Bid Reference No.:** YSPSC-ITB-02-2025

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Question a:

One bidder suggested "manufacturing containerized solar + batteries micro-grids":

YSPSC's reply:

For this project, containers cannot be unloaded at the sites in Ifalik and Lamotrek but only in Yap.

Question b:

BATTERIES: specifications request FLA type of batteries. Is it possible to propose a system with Lithium Iron Phosphate batteries please?

YSPSC's reply:

FLA (Flooded Lead Acid) is a requirement (proven technology in the remote outer islands of Yap state). Lithium Iron Phosphate batteries are not substantively equivalent for this particular project in Ifalik and Lamotrek. Such different technology although quite developed at present time may be difficult to operate and maintain in the most remote islands of Yap. (The technology will need to be proven on Yap main islands before Ifalik and Lamotrek).

Question c:

BATTERIES: Is it possible to provide us a load curve and daily electricity consumption both in Ifalik and Lamotrek, so we can propose you an alternative lithium storage system capable of creating a micro-grid with solar panels please?

YSPSC's reply:

Please see reply to Question b.

Question d:

ON-GRID / OFF-GRID: the two locations are off-grid, right?

YSPSC's reply:

Yes, all the locations are off-grid.

Question e:

DIESEL GENSET: Will those micro-grids be connected to a diesel generator, and should it be connected to the batteries and inverters to be used as a back-up?

YSPSC's reply:

No diesel generator is forecasted on these islands. The project is composed of pure 100% solar systems.

Question f:

INSTALLATION: In the specs you mention the need to supply the cables to create the micro-grid. Should we partner with an installation company or YSPSC will be in charge of the installation please?

YSPSC's reply:

This bid is for supply and delivery of goods only. YSPSC will do the installation itself.

Question g:

BILL OF QUANTITIES: The bill of quantities and the specs of each component (panels, batteries, inverters etc.) is very precise, and thanks to the details specs you provided we may guess which brands you are expecting. Is it possible to slightly change the quantity of each component and maybe propose alternative brands, with the same capacity please?

YSPSC's reply:

The technical specifications are written in order to maximize the chance of standardization of equipment with other remote outer islands of Yap state, and achieve simple and robust systems, already successfully in operation in other islands. YSPSC preference is for the suppliers to provide equipment matching these technical specifications. Nevertheless, it is written in the ITB:

"A. Technical Specifications

The technical specifications of the Goods are specified in Annex 1. Annex 1 is incorporated and part hereof by reference. Substantively equivalent products may be considered."

Therefore if "Substantively equivalent products" are offered, they will need to respect the capacity of each powerhouse and ensure possible redundancy of equipment within each powerhouse as represented on the basic

drawing, in addition to demonstrate any other substantively equivalence with all the technical specifications detailed in Annex 1.

Question h:


Can you please verify there is no BAA (Buy America) requirement associated with the funding for this project?

YSPSC's reply:

The BABAA requirement does not apply to this project.

Please let us know if you need further information or clarifications.

Thank you,

A handwritten signature in blue ink, appearing to read 'Belinda R Gilmatam', with a stylized flourish at the end.

Belinda R Gilmatam  
Purchasing Officer