

Questions and Answers

ITB/FJI/JPN/002/20 – supply of solar power equipment

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Date: 4 February 2020

Question	Answer
Does the power system need to be indoor or outdoor? If indoor, we will use IP20 standard cabinet. If outdoor, we will use IP55 outdoor cabinet.	Ans - standard Outdoor cabinet - IP 65 rated
Does the battery have to be 6V blocks? The 2V and 12V blocks are the usual ones we use.	ANS - Yes, for 12V : 2 x 6V as per ITB requirement. "Batteries should be long life types that require minimum maintenance. Bidders will provide details of batteries recommended. Maintenance Free - AGM 6 volt each".
For your 12V application, we will use 48V/12V DCDC converter to power the load, so the system's battery voltage will be at 48V which consists of 24x 2V or 4x 12V battery in series connection.	ANS - As per ITB - 5KW - 48 Volts DC array into the battery bank consisting of parallel strings of 6 volt SLA / AGM batteries (individual batteries will be 6 volt and approx 400 amps each).
We have a 12V DC product which is ideal for this requirement. The ITB however mentions a lead acid battery whereas we offer a lithium ion battery which is far more efficient, longer lasting and technically better than the lead acid battery. Is it possible to offer our product for this ITB or is the "lead acid battery" requirement a mandatory criteria (pass/fail)?	Specification requirements for the solar power equipment were drafted based on expectation and need of end-users. In this regard, Lead Acid Battery is mandatory for subjected tender and can't be changed. We hope you will be able to offer equipment that meets minimum specification requirements outlined in the solicitation documents.
Please advise whether shipment and delivery to Port Suva in Fiji will be acceptable.	As outlined in Section 5b: Other Related Requirements of the subject ITB, solar equipment should be delivered under CIP Koror, Palau and CIP Pohnpei, Micronesia term.
with reference to Section 5a: Schedule of Requirements and Technical Specifications/Bill of Quantities Lot 2 please indicate the duration of power supply without sun	Power supply is expected to operate 4 to 5 days without sun.