

PROJECT: SOLAR PV POWER SYSTEM AT MAIN BUILDING

QUERIES/CLARIFICATIONS RAISED DURING THE PRE-BID CONFERENCE:

	Query/Clarifications	TWG/BAC Reply
1	<p>About the transformer, how many is needed. How many volts?</p> <p>Is the voltage step down, 230V to 220V?</p> <p>Based on the other inverter, if the system voltage is 480V, the output voltage is also 480V. Will there be a case that there is a need to use for a transformer?</p>	<p>One (1) assembly of 300kVA, 60Hz, 480V output</p> <p>Transformer output shall be tapped to 480V system voltage of the building at LVSG Substation no. 1</p> <p>If there is an available 480V inverter's output voltage there is no need for a transformer. However, added safety protection is necessary.</p> <p>Note that the requirement for this project is Microinverter.</p>
2	<p>For clarification what form we will follow regarding the transformer? In Form 02, the transformer assembly is 250kVA and in another form it is stated a minimum of 300kVA.</p>	<p>We require 300kVA.</p> <p>This amends the Form-02, Price schedule/ Bid Breakdown, Phase B Item no. 1, Transformer Assembly, pad mounted, Total Capacity minimum of 300kVA per actual voltage rating with Pad mounting, enclosure, wireways, wiring system, gutters, and circuit protections.</p>
3	<p>What is the voltage rating of the 300kVA transformer, 240V or 480V?</p>	<p>The building's system voltage is 480V. If the inverter has a 220V output step up transformer is required.</p>
4	<p>Regarding the SLCC, will you consider the consolidated/aggregated installation for the 150kWp?</p> <p>The parameters of the SLCC are in terms of the capacity regardless of the amount? The ABC is ₱20,583,343.00 so the SLCC should be over ₱10,000,000.00 but the capacity is 150kWp only.</p>	<p>No.</p> <p>No. 50% of SLCC is the minimum requirement.</p>
5	<p>The over 150kWp is not a normal transaction nowadays in the Solar Power industry. Can we submit a SLCC with a different type of transaction? An example for this is 150kWp with a ₱10,000,000.00 transaction but with a leasing program/power purchase.</p>	<p>No.</p>

6	BOOT agreement is acceptable as a SLCC?	The Build, Operate, Own, and Transfer (BOOT) is acceptable provided that the minimum SLCC requirement is compliant
7	Inquiry about the site inspection.	Kindly coordinate with the Engineering and Facilities Management Department.
8	Since we were using microinverter, there is no net metering requirement?	Yes, the system must be readily available for future net metering application.
	No export limitation of the system?	Zero-export device is required.
10	How far is the tapping point from the inverter?	The height of the building is around 52m from the ground then across the annex building is 60m horizontal run. Please validate exact measurement during site inspection.
	Is there an already designated location for the inverters?	Micro inverters are confined on each individual panel. Combiner boxes/panels may be installed outdoor in NEMA 3R, per area at 13 <sup>th</sup> floor and 2 <sup>nd</sup> floor roof decks.

**WRITTEN QUERIES:**

	Query/Clarifications	TWG/BAC Reply
1	We have completed the supply and installation of a 554kWp solar PV power system project under a Build-own-operate-transfer (BOOT) Agreement covering a period of fifteen (15) years. Will this be acceptable as SLCC?	Yes. Provided that the cost of the project meets the minimum SLCC requirement.
2	Is it possible to extend the project completion duration of 150 calendar days to add 45 calendar days for the permitting?	No but with valid reasons, suspension of the contract will be considered.
3	Is it possible to change the Terms of Payment, from One Time payment into a Progress Billing?	No.
4	Kindly provide the drawing or lay out of the roof slab indicating the dimension?	See attached Annex B.