

PROJECT: SUPPLY, DELIVERY AND INSTALLATION OF AIR-CONDITIONING UNITS FOR VARIOUS DIVISIONS, BRANCHES, SERVICE OFFICES, MAKATI BUILDING AND MAIN OFFICE BUILDING

QUERIES/CLARIFICATIONS RAISED DURING THE PRE-BID CONFERENCE:

	Query/Clarifications	TWG/BAC Reply
1	Is site inspection required?	No, but we encourage the bidders to see the actual site condition.
2	Do you have a schedule for site inspection?	For site inspections, bidders may coordinate with the following: For Main Office – Engineering and Facilities Management Department (EFMD) For SSS Branches - Building Administrator From Monday to Friday, 8:00 a.m. to 5:00p.m.
3	Do we need to submit/attach brochures for the materials?	Yes. It is indicated in Section VII. Technical Specifications that all the items/materials should be supported by a brochure, manual or other related literatures.
4	On the technical specifications, we are using COP and EER. Can we standardize this?	Even if you submit using EER, we can still compute for the values equal to COP. Computations for the conversion of EER to COP: Cooling Capacity conversion: 1 kW = 3600 kJ/hr 1 kW = 3412 BTU/hr Computation of COP: $\text{COP} = \frac{\text{Nominal Cooling Capacity (kW)}}{\text{Power Input/Consumption (kW)}}$
5	Section VII-Technical Specifications In the A and B, is it ok with you if we can give a less than 14.0kW nominal cooling capacity when your requirement is 14.0kW?	No.
6	Clarification on the scope of the feeder line, does it mean that we have to wire from the unit itself, up to the power panel?	If the distance form power panel to Enclosed Circuit Breaker (ECB) is indicated in the BOQ, installation of new feeder line needed for the unit.
7	Are all the specifications of the air-con indicated in the bidding documents?	Yes.
8	With the Single Largest Completed Contract, if we are to join in all the lots, is the 50% per lot?	Yes. SLCC is 50% of the ABC per lot.

WRITTEN QUERIES:

	Query/Clarifications	TWG/BAC Reply
1	<p>SSS Specification: Lot No. 1, Lot No.2, Lot No. 3 & Lot No. 4 4HP / 3TR Floor Mounted Inverter Split Type COP / EER: 2.87 (minimum)</p> <p>For Clarification: Lot No. 1, Lot No.2, Lot No. 3 & Lot No. 4 4HP / 3TR Floor Mounted Inverter Split Type COP / EER: 2.79 to 2.87 (minimum)</p>	<p>Revision of 3TR or 4HP Specifications: Floor Mounted, Inverter, Split Type AC Nominal Cooling Capacity (min – max): 10.0kW (5.0 – 11.2kW) Refrigerant: R – 32 Power Consumption: 3.5 – 3.6 kW Electrical Data: 230V, Single Phase, 60Hz COP/EER: 2.79 (minimum) Can accommodate 50 meters piping length for Lots 1, 2 and 4 Can accommodate 30 meters piping length for Lot 3</p>
2	<p>SSS Specification: Lot No.1 & Lot No.3 3TR/4HP Ceiling Mounted Inverter Split Type COP / EER: 3.09 (minimum)</p> <p>For Clarification: Lot No.1 & Lot No.3 3TR/4HP Ceiling Mounted Inverter Split Type COP / EER: 2.84 to 3.09 (minimum)</p>	<p>SSS Specification will remain the same</p>

Computations for the conversion of EER to COP:

Cooling Capacity conversion:

1 kW = 3600 kJ/hr
1 kW = 3412 BTU/hr

Computation of COP:

$$\text{COP} = \frac{\text{Nominal Cooling Capacity (kW)}}{\text{Power Input/Consumption (kW)}}$$

Blank Bid Breakdown:

Soft – copy of blank bid breakdown in excel format will be issued in the bid bulletin. Bidders must input data on unprotected cells only.