



Philippine Economic Zone Authority

Bids and Awards Committee
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PROJECT: PROCUREMENT OF PRECISION AIR CONDITIONING UNITS FOR HEAD OFFICE (PEZA-HO-2017-02)

BID BULLETIN No. 01

(04 May 2017)

This Bulletin is issued to modify or amend the Bid Documents and shall form an integral part of the Bid Documents. The following are the official answers to the unanswered and additional questions from the prospective bidders:

- 1) Page 63, Sec. VII – Technical Specifications, Performance – will we use ducted or plenum box for the PACUs?

Answer: Front Discharge Plenum.

- 2) Page 64, Sec. VII – Technical Specifications, Performance – can we consider R407C for the refrigerant?

Answer: Refrigerant should be R410A. It has higher system efficiency at all climate conditions, lower system cost and more significant end user savings on electricity bills.

- 3) Page 65, Sec. VII – Technical Specifications, Features – will this be connected to the Building Management System (BMS) or simply SNMP?

Answer: The unit must be DCIM (Data Center Infrastructure Management) ready which PEZA plans to have in the future, SNMP or TC/IP is needed for each unit.

- 4) For the condensate water of the Aircon, do you require a separate condensate pump or floor drain only?

Answer: There is an existing floor drain that corresponds to the current ACU.

- 5) If ever you will require a floor drain for the condensate water, will another party do the works or the winning bidder?

*Answer: Bidder must have **One Project Manager certified by Project Management Institute**- Point person for issues and concerns about the project & Deliverables*

6) Do we need Mechanical Permit and Permit to Operate?

Answer: No need. As for job works coordination, it will be coordinated with the General Services Division (GSD) of PEZA.

7) **(Quality Assurance) : Brand must belong in the top 3 of the “Leaders Group” of Gartner’s Magic Quadrant for Data Center Infrastructure Management Tools as of the last quarter of 2016** - May we request for consideration of other brand / origin for the Precision Air-conditioning Unit aside from the specified Top 3 mentioned in the Gartner’s Magic Quadrant? Does this also mean that there is a preferred brand for this project or the project is limited only to accept brands from these 3? Should we also consider R.A 9184 – Article VI : Preparation of Bidding Documents under Sec. 18 Reference to Brand Names. May we also request if we can offer our brand whom we think is competitive in terms of PERFORMANCE, PRICE and COMPLIANCE with most of the specifications mentioned in the T.O.R.

Answer: The use of Gartner’s Magic Quadrant for PEZA’s IT projects has proven to be very beneficial to the agency in maximizing life cycle use of equipment. Therefore, we will continue to use this as a requirement and even for future IT projects of PEZA.

8) **(Performance) : Must be compatible to building electrical system which is 230V, 3Ph, 60Hz** - You were requiring 3Ph unit but upon survey yesterday we found out that the existing ACU is 1Ph only. Breakers are 1Ph also. What would be the final PHASE of your requirement? Also, may we ask if we can offer a different VOLTAGE of PACU then we will provide TRANSFORMER (FREE OF CHARGE). Any ELECTRICAL installation will be provided by us if necessary. We are looking of providing 380V unit with much LOWER COST of unit.

Answer: It will be 3-Phase. There is an existing and corresponding 3-Phase breaker near the Condensers that the MISD personnel was not able to show during the ocular inspection due to safety reasons and unavailability of harness materials. Transformer is not allowed inside the data center. You are only allowed to utilize the existing building voltage system.

- 9) If building supply is 1Ph (single Phase) since the existing unit is 1 phase only, would you provide a 3 phase line for the Brand New PACU?

Answer: There is already an existing 3ph in the building.

- 10) Would the brand new 3 phase line to be located inside the data center upon provision or at the same electrical room?

Answer: The Existing 3ph is located outside of data center.

- 11) Does our connection is from indoor breaker to unit only or including feederline from electrical tapping point?

Answer: Will include feederline if necessary. As Specified on the TOR, Bidder must supply and install all necessary materials for the electrical and mechanical works.

- 12) As per our pre-bidding meeting last May 2, 2017, The requirement is 2x3Tr Upflow PACU. However, Choosing UPflow air discharge orientation requires plenumbox to divert the air flow direction horizontally. Based on our design, Plenum box height should be 0.4m and 0.5m and still it will hit the cable tray. With this issue, we are proposing to include Down flow type orientation. Our unit discharge air to the lower front and the return air to the top of the unit. Typically, this orientation offers to data center having low Floor to ceiling Elevation or room without raised flooring.

Answer: PEZA will only accept up flow design of PACU as stated in the Technical Specifications.

- 13) Regarding the Quality Assurance Requirements that the "Brand must belong in the top three (3) of the "Leaders Group" of Gartner's Magic Quadrant for Data Center Infrastructure Management Tools as of the last quarter of 2016". Our Manufacturer in Germany (STULZ) said that they are not participating at Gartner's research projects. As the request belongs to "Data Center Infrastructure Management Tools" it should not have an impact on our offer as we only provide the air conditioning units and not the complete DCIM-Tool. Also our installed based project covers the Biggest Data centers in the Country, Telecoms, Hospitals, banks etc.

Answer: PEZA is planning to use a DCIM software in the future that will enable the Agency to monitor their data center facility. PEZA has been using Gartner's Magic Quadrant for its IT projects in the last few years as this is our source of assurance for a reliable product coming from a reputable and internationally competitive company. Through the use of Gartner as a

requirement, the IT equipments that PEZA has procured, has proven to be very reliable and cost efficient as they are used even beyond their expected life cycles. With this regard, PEZA will require companies from top 3 of Gartner's Magic Quadrant.

For guidance and information of all concerned.



J. PORFIRIO LL. YUSINGCO
BAC Chairman

