

## **TERMS OF REFERENCE**

for the

### **Supply, delivery, testing and commissioning of Portable Automatic Pressure Generator to RIC-Manila**

#### **A. INSTRUCTIONS TO BIDDERS**

##### **1.0 OVERVIEW**

This Portable Automatic Pressure Generator is necessary to calibrate digital barometers for the whole range of simulated atmospheric pressure and support the operation of the calibration laboratory not only to RIC-Manila but also for the field stations during inspections. This calibration equipment can also be used for the calibration of other government and private agencies, or individuals. Its importance is so great that the equipment should be of great quality such that they must have minimum uncertainties to have uniform calibration of the digital barometers at the field stations.

Using this test equipment will assure that standards in the comparisons and the achievable operational uncertainties will be observed and followed and speed up the processing of works of the personnel in charge of the laboratory and in the station field inspections. The results obtained can be of tremendous help in the accurate measurement of atmospheric pressure for forecasters particularly to climatology, or meteorological data gatherings of other agencies and individuals.

##### **2.0 QUALIFICATIONS OF THE BIDDER**

(Please refer to Section II. Instructions to Bidders, the Bid Data Sheet and Checklist of Eligibility and Technical Requirements of the Bidding Documents)

##### **3.0 GENERAL CONDITION**

- a) The bidder has the financial, technical and production capability to perform the contract, and a minimum experience of five (5) years as a company and as a bidder on equipment supply;
- b) The delivery period should be within two (2) months after acceptance of the contract including testing and commissioning in accordance with the agreement;
- c) A warranty on parts and services of at least one (1) year should be provided;
- d) An after sales support in terms of technical configuration, cabling, testing and/or technical know how to operate, and availability of spare parts should be provided. Site acceptance test (SAT) at the Central Office in the presence of at least four IRDU representatives should be carried out;
- e) The bidders are required to include in their bids the cost of all taxes, such as, but not limited to, value added tax (VAT), income tax, local taxes and other fiscal levies and duties, which shall be itemized in the bid form and reflected in the detailed estimates;

**4.0 Bid Proposal Contents** – Bidders shall offer a bid on the item/unit as proposed in the specifications and shall respond paragraph by paragraph to all the contents of the TOR and shall clearly indicate compliance. The bidder should include additional accessories, materials, and activities he deems necessary to properly complete each item. Use additional sheets, if needed. The bidder should include

in this proposal, descriptive manuals/literatures of all equipment/accessories/materials to be supplied in original format. These details permit PAGASA to fully evaluate cost tradeoffs.

**5.0 Place of delivery and testing** – at the IRDU, Central Office

**B. TECHNICAL SPECIFICATIONS:** See Purchase Request.

**C. WARRANTIES**

1. The bidder warrants that it shall strictly conform to all the Terms and Conditions of this Terms of Reference.
2. The equipment is subject to a one year warranty. The winning bidder shall neither assign, transfer, pledge, nor subcontract any part or interest therein.