

SUPPLEMENTAL BID BULLETIN

**Republic of the Philippines
PHILIPPINE INTERNATIONAL CONVENTION CENTER
PICC Complex, 1307 Pasay City
BIDS AND AWARDS COMMITTEE (BAC)**

May 3, 2023

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF X-RAY
MACHINE AT THE NEW COMMERCIAL BUILDING**

ADDENDUM NO. 01

This Addendum is issued to amend/revise certain provisions of the Bid Documents for the above-captioned procurement. Said amendments are as follows:

I. Section III- Bid Data Sheet has been changed to read as:

- ITB Clause 5
 - **Items f to i (a-c) have been deleted**
- ITB Clause 20.2
 - **d. Certification from the manufacturer that the bidder is an authorized dealer of the brand it is offering.**
 - **e. Certification stating availability of spare parts and accessories for the next five (5) years after delivery of equipment.**
 - **f. Certificate of Satisfactory Completion & Acceptance of previous PICC projects undertaken within the last five (5) years, if any.**

II. Section VII- Technical Specifications have been changed to read as:

- **8. Technical Specification for 1000 AMX Dual View**
 - **8.1 100x100 cm Dual View X-ray Machine:**
 - a. Physical Features:**
 - **Tunnel Size: \geq 100 cm (W) x 100 cm (H) x unlimited length.**
 - **Number of Views / X-ray Generators: Two (2).**
 - **Belt Speed: At least 0.2 m/s.**
 - **Belt Height: Should not exceed 800mm and should be adjustable.**
 - **Conveyor load capacity: 200 kg.**
 - **Power Supply: 230 VAC +/- 10%, 50/60 Hz.**
 - **Power Consumption: Should not exceed 2 kW.**
 - **Operational Temperatures: 0°C to 40°C.**
 - **Storage Temperatures: -20°C to +60°C.**
 - **Operating Humidity: 0-95% without condensation.**

b. Imaging Features:

- **X-ray Tube Voltage: Shall not exceed 160 kV.**
- **X-ray Tube Current: Shall not exceed 1.8 mA.**
- **Beam Orientation: Diagonally upwards and lateral from the side.**
- **Single Wire Resolution: 41 AWG.**
- **Penetration (steel): 38mm.**
- **Duty Cycle: 100%.**
- **Bag image with no dark zones or corner cutoffs.**
- **Automatic Detection Software - automatic signaling in real-time of dangerous items (e.g., weapons, knives).**
- **Threat Image Projection (TIP).**
- **Automatic recording of working sessions in raw data, to be post-processed offline. Capability to store at least 100,000 images on HDD or more using external network storage devices.**
- **Auto-diagnostic function, reporting machine's/system's fault to the operator on screen.**
- **Human-Machine Interface with date and time, baggage counters, and operator ID.**
- **Data import/export with USB key.**
- **Possibility to import/export user databases and report on machine status.**
- **Network ready.**
- **Optional programmable interface with an external system.**
- **The two arrays of detectors must consist of photodiodes with scintillator crystals to obtain high-resolution images.**
- **The detector gain calibration must be possible via software and without disassembling the hardware part of the equipment. This allows for significantly faster maintenance activities.**

c. Post-Processing Features:

- **Contrast optimization.**
- **Variable edge enhancement.**
- **Energy stripping.**
- **Reverse image.**
- **Pseudo-color with eight steps density**
- **Continuous, step-by-step and complete image zooming from x1 to x64.**
- **Contrast windowing.**
- **High, low, variable penetration.**
- **Minimum three programmable keys.**

d. Accessories:

- **Two LCD widescreen monitors. Minimum 27 inches in size for both monitors.**
- **100 cm Entry & 100 cm Exit Rollers.**
- **Minimum 5KVA True Online UPS.**

e. Required Software:

- **Automatic Detection Software. This indicates to the operator of potentially suspicious materials by highlighting them on the image.**
- **Threat Image Projection. Superimposition of fictional threat image in actual baggage under scan. TIP helps furnish a high-quality inspection at the checkpoint by promoting continuous improvement in the operator's performance and skills.**

f. Health and Safety:

- Leakage dose: < 1.0µSv/h (0.1mR/h).
- Food, drugs, and film safe up to ISO 1600/33 DIN.
- Meets the applicable dispositions, requirements, and current standards for:
 - Machinery Safety.
 - Electromagnetic Compatibility.
 - Low Voltage.
 - And other related EMC and machine safety rules.

g. Other Requirements:

- The system must have secure access through user login with a user ID and password in five (5) different levels.
 - The system must have the diagnostic capability and display the type of failure on-screen.
 - The system must be able to provide STP report generation in PDF file format.
 - The system must have certification as qualified technology under TSA and ECAC.
- All significant parts of the X-ray Machine, particularly the X-ray Generator and X-ray Tube, must be manufactured by the same manufacturer of the X-ray Machine being offered. In compliance with this, a certification from the supplier and manufacturer is required.
- IV. Conditions of the Contract
 - A. General Conditions
 - Item nos. 2, 7, and 8 are deleted and the subsequent provisions are renumbered accordingly as item nos. 2 to 8.
 - 9. The supplier shall undertake after-sales service requirements of the equipment.
 - 10. The supplier shall ensure availability of in-country or local service repair facilities to support immediate service requirements, including warranty services.

The corrected copies are attached. Bidders are advised to replace their original copies with the corrected copies.

For guidance and information of all concerned.


MELPIN A. GONZAGA
Chairman

Received by:

(Signature over printed name)

Telephone/Fax No. _____

Date: _____

Name of Company: _____