

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. 03

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 VII- Technical Specifications have been changed to read as:
- I. Project Title
 - a. One unit **640 x 640 Advance Multiview X-ray**
 - b. One unit **100 x 100 Advance Multiview X-ray**
 - **8. Technical Specification for 100 x 100 Advance Multiview X-ray**
 - **8.1 100 x 100 cm Advance Multiview X-ray**

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: _____

Technical Specifications

Item	Specification	Statement of Compliance
<p>I. Project Title: Supply, Delivery, Installation, and Commissioning of X-ray Machine at the New Commercial Building</p> <p style="margin-left: 40px;">a. One unit <i>640 x 640 Advance Multiview X-ray</i> b. One unit <i>100 x 100 Advance Multiview X-ray</i></p> <p>II. Description of the Project:</p> <p style="margin-left: 40px;">This project aims to install Electronic Security Equipment at the New Commercial Building to ensure that all guests/clients and baggage are correctly screened before entering the facility.</p> <p style="margin-left: 40px;">The requirement is for a new multi-energy X-ray system for suitcases, baggage, and parcel inspection that will help the operator identify organic materials (including explosives and drugs), weapons, detonators, and dangerous items that could be a security risk.</p> <p style="margin-left: 40px;">The system must be designed to avoid significant damage to food, films, and medicines and is also guaranteed to protect operators against x-rays, be easy and safe to use, and need minimal service.</p> <p style="margin-left: 40px;">The machine must be dual view allowing the vision of the luggage in two different positions to help the operator identify and prevent the introduction of restricted materials, including explosives, weapons, drugs, and other prohibited materials.</p> <p style="margin-left: 40px;">The machine should display on the screen the different materials constituting the contents of the subject, following a chromatic code: organic materials in orange, metals in blue, other inorganic materials in green and non-penetrable materials in black. An alarm for high-density materials must be represented through color rendering, e.g., red or yellow.</p> <p style="margin-left: 40px;">The image should be created “on the fly,” regardless of bag length.</p> <p>III. Project Scope:</p> <p style="margin-left: 40px;">Supply, Delivery, Installation, and Commissioning of two (2) Baggage X-Ray Machines. The winning bidder is to supply and deliver One unit of 60x40 and 100x100 dual view X-ray Machines following the prescribed Technical Specification of the equipment.</p> <p style="margin-left: 40px;">Technical Specification: Major/Core parts of the System:</p> <p style="margin-left: 80px;">1. The X-ray Machine Unit – should be made up by:</p> <p style="margin-left: 120px;">a. A tunnel contains the x-ray generator, the electronics for power and image management, and two sets of photodiode arrays. At both edges of the</p>		

- 100 cm Entry & Exit Rollers.
- Minimum 5KVA True Online UPS.

5. 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 level of inspection at the checkpoint by promoting continuous improvement in the operator's performance and skills.

6. Health and Safety:

- Leakage dose: < 1.0 μ Sv/h (0.1mR/h)
- Film safe.
- CE marking.

7. Other Requirements:

- a. The system must have the diagnostic capability and display on-screen the type of failure that occurred.
- b. The system must be able to provide STP report generation in PDF file format.
- c. The system must have certification as qualified technology under ECAC and TSA.
- d. 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.
- e. The system must have existing ECAC LEDES Type C Standard 2 Certification. The X-ray Machine, if required in the future, must be ready to be upgraded as Liquid Explosives Detection System (LEDS) Type C Standard 2 equipment for LAGS (Liquids Aerosols & Gels) detection according to acceptable international standards.
- f. The system must have existing ECAC EDSCB C1 Standard Certification and be ready for possible future updates to detect dangerous explosives in the tray according to acceptable international standards.

8. Technical Specification for 100 x 100 Advance Multiview X-ray

• **8.1 100 x 100 cm Advance Multiview X-ray:**

a. Physical Features:

- **Tunnel Size:** ≥ 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.