

**TENDER SPECIFICATION OF SCANNER, X-RAY BAGGAGE-MIDIUM, 220V AC 50/60HZ WITH ACCESSORIES**

1. Name of the Equipment : Scanner, X-Ray Baggage-Midium, 220V AC 50/60hz with Accessories
2. Purpose : X-Ray scanning of Baggage/ parcel for detection of metallic object, weapons, explosives, electronics, any threatening object, narcotics and other contrabands.
3. Quantity : 01 (one) complete set.
4. Brand : To be mentioned.
5. Model : To be mentioned.
6. Country of Origin : France, Germany, Italy, Netherland, Spain, Sweden, Norway, Austria, Finland, Belgium, UK, Denmark, USA, Japan, South Korea.Turkey.
7. Country of Manufacturing : France, Germany, Italy, Netherland, Spain, Sweden, Norway, Austria, Finland, Belgium, UK, Denmark, USA, Japan, South Korea.Turkey.
8. **Name and Address Local Supplier** : Name & full address with email is to be mentioned.
9. **Manufacturer's Name and Address** : Name & full address with email is to be mentioned.
10. **Principal's Name and Address** : Name & full address with email is to be mentioned.
11. Year of Manufacturing : 2023 or later.
12. **Qualification of Bidder.**
  - a. The bidder shall be a manufacturer-authorized dealer/ distributor of the Baggage Scanner and its accessories for this tender. Necessary proof/ certificates are to be submitted with the tender.
  - b. A list of Bangladeshi major clients preferably in defense/ govt/ corporate sector already using the offered brand of the baggage scanner must be attached.
  - c. The bidder must have manufacturer-authorized service engineer for the brand of the offered Baggage Scanner. Necessary certification by the manufacturer regarding training/ authorization of the service engineer is to be provided.
13. **Certificate and Document of Authentication.** The concerned supplier must provide following original certificate(s)/ document(s) as applicable with the quotation and during delivery of items as regard to the genuinity of source and item(s) in order to establish chain of links from the original source to supply items:
  - a. One certificate by the Original Equipment Manufacturer (OEM) in favour of the local supplier (in case of OEM as principal).
  - b. Two certificates, one by the OEM to authorized dealer/agent and other by the authorized dealer/agent to supplier (in case of authorized dealer/agent as principal).
  - c. Three certificates, first one by OEM to authorized dealer/agent, second one by authorized dealer/agent to sub-agent and third one by sub-agent to supplier (in case of sub-agent as principal). If the supplier is unable to obtain the first certificate (by OEM to authorized dealer/agent), then it has to produce relevant document to prove agency-ship of its claimed agent of the recognized manufacturer.
14. **Scope of Supply.** One complete set of Baggage Scanners is to be supplied as per the specifications enumerated in the subsequent paragraphs. Services like installation, supervision & training, backup software, maintenance service during and after warranty etc are also included in the scope of supply.
15. **System Configuration.** Baggage Scanner (complete set) will consist of the following hardware:
  - a. Baggage Scanner : 01 no.
  - b. Computer with Monitor and Software : 01 no (complete set).

- c. UPS (online) of appropriate rating for minimum 30 minutes : 01 no. backup

16. **Technical Specification.**

a. **Baggage Scanner.**

- |      |                            |   |  |
|------|----------------------------|---|--|
| (1)  | Tunnel Dimension (W x H)   | : | 600~640mm Width x 400~430mm Height.  |
| (2)  | Maximum Object Size        | : | To be mentioned.   |
| (3)  | Penetration (Steel)        | : | Both Standard and typical penetration have to be minimum 37 mm.  |
| (4)  | Wire Resolution            | : | Both Standard and typical wire resolution have to be minimum 38 AWG.   |
| (5)  | Display Monitor            | : | PC based display, Display monitor size is to be mentioned.   |
| (6)  | Display Resolution         | : | To be mentioned.   |
| (7)  | Imaging                    | : | Minimum 06 color imaging.  |
| (8)  | Zoom                       | : | 09 Quadrant zoom or better.  |
| (9)  | Conveyor Speed & Direction | : | Speed is to be mentioned. Conveyor movement in both forward and reverse direction must be available.   |
| (10) | Conveyer Height            | : | To be mentioned.   |
| (11) | Conveyer Capacity          | : | Minimum 165 kg evenly distributed load.  |
| (12) | Power Requirements         | : | To be mentioned. Must be capable to run with 220V, 50Hz supply rating.   |
| (13) | Temperature                | : | 0°C to 40°C (minimum).   |
| (14) | Storage Temperature        | : | -20°C to 50°C (minimum).   |
| (15) | Standard Dose Rate         | : | To be mentioned.   |
| (16) | X-Ray Generator:           |   |  |
|      | a. Number of Generator     | : | 01 (Minimum).  |
|      | b. Anode Voltage           | : | 150 - 200 kV.  |
|      | c. Beam Direction          | : | To be mentioned.   |
| (17) | Duty Cycle                 | : | 100%   |
| (18) | Weight (Net)               | : | To be mentioned.   |
| (19) | Overall Dimension          | : | Length 1430 - 1435 mm.<br>Width 845 - 850 mm.<br>Height 1335 - 1340 mm.  |
| (20) | Other Features             | : | a. The Scanner must be capable to distinguish and display overlapping objects.<br>b. During scanning, the Scanner must not initiate explosive charges if there is any.                         |
| (21) | Additional Features        | : | Luggage Counter, Image Review Feature, File transfer facility via USB, Printer Support and Image Storage (Capacity to be mentioned) to be available. Other available features to be mentioned. |
| (22) | Operating System           | : | To be mentioned.   |
| (23) | Image Evaluation Features  | : | To be mentioned.   |
| (24) | Certification              | : | ISO 9001, EC, IEC, FDA and equivalent regulating body/ standard Compliance Certificates are to be provided with the tender document.   |

- (25) Wheels : Each Baggage Scanner should have wheel for movement.

b. **Computer and Monitor.**

- (1) Computer : Industrial/ Suitable PC.
- (2) Display : LED/ LCD monitor, size to be mentioned.
- (3) Processor : To be mentioned.
- (4) HDD : Minimum 1TB (SSD).
- (5) RAM : To be mentioned.
- (6) Network : To be mentioned.
- (7) Software :
  - a. All required software has to be genuine. Bidder has to mention the names of the software included in the offered item.
  - b. Bidder has to clearly mention the mandatory occasions for re-install/ update of the operating system and/ or application software if applicable.
  - c. Backup copies of the Operating System/ Application software/ Interfacing Software for file transfer to external storage are to be supplied in CD/ DVD along with installation instructions and code/ key as applicable.

c. **UPS (Online).**

- (1) Brand : To be mentioned.
- (2) Model : To be mentioned.
- (3) Country of Origin : To be mentioned.
- (4) Country of Manufacture : To be mentioned.
- (5) Power Rating : Input rating must be compatible with 220V, 50Hz supply, Output rating must be compatible with the offered Baggage Scanner.
- (6) kVA rating : To be mentioned.
- (7) Backup : Minimum 30 minutes.

17. **Maintenance and Repair.** The bidder will give assurance for maintenance service for the next 03 (three) years after 02 (two) years of warranty period. Periodical routine checks and system tuning as recommended by the manufacturer and on demand by the user are to be carried out by the bidder to ensure smooth, efficient and continuous operation of the Baggage Scanner at free of cost during warranty period and the maintenance service period. A list of critical and general spares with present price is to be attached with the tender document. The bidder must ensure availability of all spare parts of the offered item for at least 05 (five) years from the date of final acceptance and the statement is to be endorsed by the manufacturer.

18. **Brochure.** Brochure/ catalogue having details in English for the offered set must be provided with the tender for evaluation/ assessment.

19. **Accessories.** Accessories required for the Baggage Scanner is to be supplied free of cost which are essential to install and operate the baggage scanner. List of required accessories is to be submitted with the tender offer.

20. **Installation and Installation Material.** The Baggage scanner is to be installed in Chattogram Naval area. Supervision during installation work, test and trial shall be done by bidder's competent representatives. Transportation and other relevant expenditure shall be borne by the bidder. All installation materials like bolt, nut, screw, cable etc. are to be supplied by the bidder at free of cost.

21. **Warranty.**

- a. Minimum 24 months warranty for trouble free operation is to be provided by the supplier/ manufacturer for all items from the date of acceptance by the buyer. If any component of the supplied items becomes defective during the warranty period, warranty for the whole item shall be extended automatically for the period of the subject component remains defective.
- b. For warranty repair/replacement, the bidder will collect/ inspect the defective item from respective place within 10 (ten) days from the date of defect without any cost.
- c. Time period for warranty replacement: 90 days.
- d. After repairing under warranty, the supplier will return back the item to the same place without any cost.

22. **Inspection, Test, Trial and Acceptance.** Primary inspection will be done by CINS Chattogram/ Acceptance committee of ACINS Dhaka. After inspection it will be forwarded to concern naval area. After installation, training and successful test & trial an acceptance certificate will be signed between the user and bidder. Final acceptance will be given by CINS Chattogram

23. **Training.** Necessary training for operation and user level maintenance & troubleshooting of the Baggage Scanner for a period of minimum 05 working days for 10 BN personnel is to be provided by the OEM authorized Service Engineer of the bidder at respective installation place without any additional cost.

24. **Port of Shipment.** Any port of the manufacturing country. In case of shipment through any port of manufacturer authorized dealer, relevant manufacturer certificate is to be provided as a proof of genuineness of the offered item.

25. **Shipment, Delivery and Inspection.**

- a. **Shipment.** The items are to be delivered within **180 days** from the date of signing the contract to the following consignee:
 

The Commanding Officer	or	Officer-in Charge
Naval Stores Depot		Naval Store Sub-Depot Dhaka
New Mooring, Chittagong,		Khilkhet Navel Area, Namapara,
Bangladesh		Khilkhet, Dhaka, Bangladesh
- b. **Place of delivery.** NSD, Chattogram.
- c. **Inspection Authority.** CINS, Chattogram.

26. Part Shipment is not allowed.

27. **Terms of Payment.** 100% payment will be made after final Acceptance given by CINS.

28. **Liquidate Damage (LD).** As per DGDP Rules.

29. **Validity of Offer.** The offer should remain valid until 30 June 2025.

30. **Packing.** Standard Packing.

31. **Price Without Import Duties.** Quoted price is to exclude all import duties as those will be consigned against BN.

32. **Certificate/ Document.** Following certificates are to be provided as original from the manufacturer in regard to the supplied spares as new, unused and genuine at the time of delivery:

- a. Authenticity and Genuineness Certificate.
- b. Quality Assurance Certificate.
- c. Warranty Certificate.
- d. Classification society/Standard Certificate.

33. **Compliance Statement.** A clear and complete compliance statement of the tender specification supported by original catalogue is to be submitted with the offer. Any deviation between the offer and the attached catalogue is to be explained clearly. Mentioning a mere yes/no will not be sufficient and detailed technical clarification is to be provided.

