

PROPOSED TENDER SPECIFICATION OF ARCHWAY METAL DETECTOR WITH ACCESSORIES

1. Name of the Equipment : Archway Metal Detector with Accessories.
2. Purpose : For security checking of men & materials.
3. Brand : To be mentioned.
4. Model : To be mentioned.
5. Country of Origin : USA/UK/EU.
6. Country of Manufacture : USA/UK/EU.
7. Year of Manufacturing : 2023 or later.
8. Quantity : 06 (six) complete set.
9. **Scope of Supply.** Six complete set Archway Metal Detector with standard accessories are to be supplied including test/ trial and commissioning as per the specifications enumerated in the subsequent paragraphs. Services like installation, supervision & training, after sales services etc are also included in the scope of supply.
10. **Technical Specification.**
 - a. Gate Structure : To be mentioned.
 - b. Overhead Control Unit : High visibility alphanumeric display and programming keyboard. Access to the front panel protected by hardware key and Min 3 level of password.
 - c. Visual Signals : (1) Multi-zone display bar for "height on person" localization.
(2) Green and Red metering signals proportional to the mass of the detected target.
 - d. Audio Signals : Multiple selectable continuous and pulsed tone plus with multiple special tones.
 - e. Sensitivity : Up to 200 distinct sensitivity levels.
 - f. Zone Indication : Minimum 30 localization zones.
 - g. Diagnostic : Automatic/ Self-diagnostic.
 - h. Calibration : Automatic.
 - j. Programming : Minimum 20 or more built in security programs.
 - k. Programming Safety : Programming access protected by user and super-user passwords.
 - l. Alarm Types : To be mentioned.
 - m. Standard Interfaces : RS-232, Bluetooth, Infrared, chip-card reader, Ethernet or To be mentioned.
 - n. Power Requirement : 220V (AC) \pm 10%, 50 Hz
 - p. Operating Temp : - 5°C to + 55°C
 - q. Protection : IP55 or above.
 - r. Passage Dimension : Min 2m x 0.75m x 0.55m (H x W x D) .
 - s. Overall Exterior Dimension : To be mentioned.
 - t. Key Features : To be mentioned.

- u. Reset Time : To be mentioned.
- v. Compliance & Certification : (1) Certified by TSA/ ECAC.
(2) Compliant with the applicable electromagnetic Standards on Human Exposure and Pacemaker Safety.
(3) Compliant with applicable International Standards for electrical safety and Electromagnetic Compatibility (EMC).

11. **Qualification of Bidder.**

- a. The bidder shall be a manufacturer authorized dealer/ distributor of the Archway Metal Detector 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 Archway Metal Detector must be attached.
- c. The bidder must have manufacturer authorized service engineer for the brand of the offered Archway Metal Detector. Necessary certification by the manufacturer regarding training/ authorization of the service engineer is to be provided.

12. **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 from this specification is also to be clearly mentioned in the offer. Mentioning of yes/ no/ complied will not be enough and detail technical data/ information of the offer is to be provided.

13. **Maintenance and Repair.** The supplier 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 to ensure smooth, efficient and continuous operation of the archway during the warranty period.

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

15. **Validity of Offer.** 180 days from opening the tender document.

16. **Accessories.** Accessories required for the Archway Metal Detector are to be supplied free of cost, which are essential to install and operate the Archway Metal Detector. List of required accessories is to be submitted with the tender offer.

17. **Installation and Installation Material.** The Archway Metal Detector are to be installed in Dhaka, Chattogram and Khulna Naval Area. Supervision during installation work, test and trial shall be done by bidder's competent representatives. Transportation and other relevant expenditure (For Dhaka, Chattogram and Khulna) shall be borne by the supplier. All installation material like bolt, nut, screw, cable etc. are to be supplied by the bidder at free of cost.

18. **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.

19. **Delivery.** The items are to be delivered within 90 days after receiving of purchase/ work order to the following address:

Officer-in-Charge
Naval Store Sub-Depot Dhaka, Khilkhet Naval Area
Namapara, Khilkhet, Dhaka-1219.

20. **Port of Shipment.** Shipment is to be done either from country of manufacturer or country of origin.

21. **Source of Supply.** The bidder is to mention the name, address and contact details of the original equipment manufacturer.

22. **Inspection, Test, Trial and Acceptance.** Primary inspection will be done by CINS Chattogram/ Acceptance committee of NSD Khulna/ 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/ Acceptance committee of NSD Khulna/ ACINS Dhaka.

23. **Price.** In case of imported items price to be quoted without import duties.

24. **Terms of Payment.** 100% Payment will be made in local currency on completion of installation, training, satisfactory test-trial and acceptance by the buyer. However, payment of each item can be done for each item separately if found satisfactory according to article 22.

25. **Certificate.** An original certificate from the Original Equipment Manufacturer (OEM) is to be provided along with the offer indicating the year of manufacture and place of manufacture.

26. **Training.** Necessary user training to operate and maintain the Archway Metal Detector for a period of minimum 03 working days for 03 BN personnel is to be provided by the OEM authorized service engineer of the bidder at respective installation place without any additional cost.

27. **Liquidated Damage (LD).** Items have to be supplied within the stipulated time frame mentioned in the purchase order. If supplier is failed to supply the items according to above mentioned conditions, Liquidated Damage (LD) will be imposed at a rate of 1% per months but maximum 10% of the price mentioned in the purchase order.

28. **Special Note.** The supplied items must be brand new. Certification in this regard is to be provided from OEM.

29. **Other Points.**

a. If the offered item contains any component whose country of origin and/or country of manufacture are different from the main equipment, it must be declared by the bidder during submission of tender document. No application at a later time will be entertained in this regard.

b. Supplier may include any other information/ feature if deemed necessary.

KHOSRUD ALAM
Lt Commander BN
Staff Officer (Secy)
Directorate of Naval Intelligence
Date: 31/07/24

M AREFIN IBNE NAZIM
Lt Commander BN
Staff Officer (Electrical)
Directorate of Naval Weapons
and Electrical Engineering
NHQ, Dhaka-1213
Date: 31/7/24

IMTIAZ GALIB
Lt Commander BN
Staff Officer (Repair)
Directorate of Naval Engineering
Naval Headquarters
Dhaka-1213
Date: 31/7/24

EDDY HAN
DNS/Rep
Member
Date: 31/07/24

MI NURUZZAMAN
Lt Commander BN
Staff Officer (Signals)
Naval Headquarters
Date: 01/08/24

MALI AKBAR SHIRAZI
Commodore BN
Director of Naval Operations
Naval Headquarters
Dhaka-1213
Date: 01/8/24

AMAN ULLAH
Commodore BN
President
Director of Naval Plans
Date: