

PROPOSED TENDER SPECIFICATION OF ARCHWAY METAL DETECTOR WITH ACCESSORIES

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| 1. | Name of the Equipment | : | Archway metal detector. |
| 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. | Manufacturing Country | : | USA/UK/EU. |
| 7. | Year of Manufacturing | : | 2021 or Later. |
| 8. | Quantity | : | 08 (eight) in no's complete Set. |

9. **Scope of Supply.** Eight in no's 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**

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| 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 | : | Multi-zone display bar for "height on person" localization.

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. | Alarms type | : | 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 (HxWxD) |
| s. | Overall exterior dimension | : | To be mentioned. |
| t. | Key features | : | To be mentioned. |
| u. | Reset time | : | 0.2 second or less. |
| v. | Compliance & Certification | : | (1) Certified by TSA/ECAC. Authentic Certificate to be provided).

(2) Compliant with the applicable electromagnetic Standards on Human Exposure and Pacemaker Safety (Required Certificate to be provided).

(3) Compliant with applicable International Standards for electrical safety and Electromagnetic Compatibility (EMC) (Required Certificate to be provided). |

11. **Qualification of bidder.**

- a. The bidder shall be an authorized dealer/distributor (appointed by the manufacturer) or authorized agent of all items of archway metal detector for this tender. Necessary proof/certificates are to be submitted with the tender.
- b. A list of major user/buyers preferably in defense/govt/corporate sector where the item

has been supplied or presently used shall be attached with the offer for reference.

c. The bidder must have authorized service engineer of Archway Metal Detector with accessories. Necessary certificate of service engineer is to be provided.

12. **Accessories.** Accessories required for the archway metal detector should be supplied free of cost, which are essential to install and operate the archway metal detector. **List of required accessories to be mentioned.**

13. **Maintenance & 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.** Original Brochure/catalogue having details in English of the offered set must be provided with the tender for evaluation/assessment.

15. **Installation and Installation Material.** The archway metal detector shall be installed in Dhaka, Chattogram and Khulna Naval Area. Supervision during installation work and test trial shall be done by competent supplier 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 at free of cost.

16. **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 supplier will collect the defective item from respective place and deliver the same to the collecting place after warranty repair or for replacement within 10(ten) working days from the date of defect without any cost.

17. **Validity of Offer.** 120 days from opening the tender document.

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

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

19. **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 will not be enough and detail technical data/information is to be provided.**

20. **Test, Trial and Acceptance.** The installation work is to be done as per serial-15 above. After successful test & trial and commissioning acceptance certificate will be signed between buyer and supplier representatives. Final acceptance will be given by CINS/ACINS.

21. **Source of Supply.** The bidder/supplier is to mention the name address and contact details of original manufacturing company.

22. **Price without Import Duties.** In case of imported items price to be quoted without import duties.

23. **Port of Shipment.** Shipment should be done either from country of manufacturer or country of origin.

24. **Terms of Payment.** Payment will be made in local currency on completion of satisfactory test-trial and acceptance by the buyer.

25. **Certificate.** An original certificate from manufacturers to be provided along with the offer indicating the year of manufacture.

26. **Training.** Necessary user training to operate and maintain the archway metal detector for a period of **03 working days for 03 BN** personnel is to be provided by the professional engineer at the

place of installation without any additional cost.

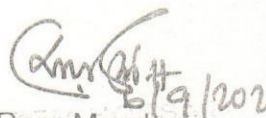
27. **Liquidated Damage.** Items have to be supplied within the stipulated time frame mentioned in the purchase order. If supplier is failed to supply the items according to above mentioned conditions, Liquidated Damage (LD) will be imposed at a rate of 1% per months but maximum 10% of the price mentioned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

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

29. **Other Points.** Supplier may include additional information if deemed necessary.

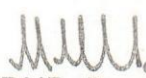

DNI, Member Secy
SYED ASHRAF ULLAH MAN
Lt Commander BN
Staff Officer (Tech & Surv)
Naval Headquarters


06/09/2022
DNW&EE/ Rep, Member
M AREFIN IBNE NAZIM
Lt Commander BN
Staff Officer (Electrical)
Director of Naval Weapons
and Electrical Engineering
NHQ, Banani, Dhaka-1213


06/09/2022
M DNE/ Rep, Member
Commander BN
Deputy Director of Naval Engineering II
Naval Headquarters
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06/09/22
D Sig/Rep, Member
M NURUL HAMID
Commander BN
Deputy Director of Signals
Naval Headquarters


06.09.22
DNO, Member
M HASAN TARIQUE MONDAL
Commodore BN
Director of Naval Operations
Naval Headquarters
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07.09.2022
DNP, President
MAHMUDUL MALEK
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