

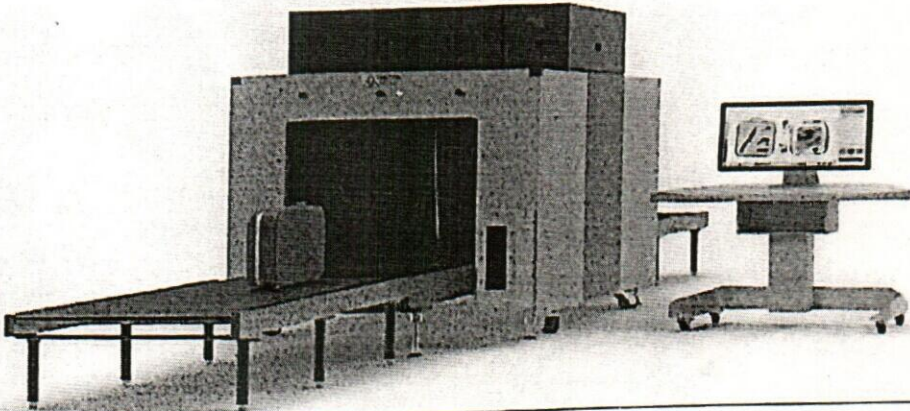
**TECHNICAL SPECIFICATION OF BAGGAGE SCANNER**

| S/L | PARTICULARS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DESCRIPTION                                                                                                                                                                                                                                                             |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Name of the Equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Baggage Scanner Astrophysics                                                                                                                                                                                                                                            |
| 2.  | Purpose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | For Security Checking of bag and baggage to identify IED,electronics,sharp metal and other life threatening objects.                                                                                                                                                    |
| 3.  | Brand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | To be Mentioned                                                                                                                                                                                                                                                         |
| 4.  | Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | To be Mentioned                                                                                                                                                                                                                                                         |
| 5.  | Country of Origin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USA/UK/EU/MALYSIA                                                                                                                                                                                                                                                       |
| 6.  | Manufacturing Country                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | To be Mentioned                                                                                                                                                                                                                                                         |
| 7.  | Year of Manufacturing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2026 or later.                                                                                                                                                                                                                                                          |
| 8.  | Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 01 (One) in no complete set.                                                                                                                                                                                                                                            |
| 9.  | Scope of Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | One in no complete set baggage scanner are to be supplied including test/ trial, setting to work and commissioning as per the specifications enumerated in the subsequent paragraphs. Services like installation, supervision are also included in the scope of supply. |
| 10. | <b><u>System Configuration:</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                         |
|     | a. Baggage Scanner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 Set                                                                                                                                                                                                                                                                   |
|     | b. Brand PC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 Set                                                                                                                                                                                                                                                                   |
|     | c. UPS (Online) 3KVA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 in no                                                                                                                                                                                                                                                                 |
| 11. | <b><u>Technical Specification:</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                         |
| a.  | <b>Baggage Scanner.</b><br>(1) Tunnel Dimension (W x H): Approx 620 mm x 418 mm<br>(2) Max Object Size: Approx. 615 mm x 410 mm<br>(3) Display: PC Based Display or ststem<br>(4) Display Resolution: Minimum 1280 x 1024. 24 bit/ pixel color.<br>(5) Imaging: Minimum 03 Color Imaging.<br>(6) Quadrant Zoom: To be Mentioned<br>(7) Conveyor Speed: Approx 0.2/0.24(m/s)<br>(8) Conveyor Height: Approx 694 mm.<br>(9) Conveyor Capacity: Min 160 kg Evenly Distributed Load<br>(10) Wire Resolution: Standard Min 38AWG, Typical Min 39 AWG<br>(11) Special Resolution: To be Mentioned<br>(12) Steel Penetration: Standard Min 35 mm, Typical Min 37 mm<br>(13) Gray Level Stored: Min 4096 gray Levels<br>(14) Power Resolution: AC/DC To be Mentioned<br>(15) Operating Temp: To be Mentioned<br>(16) Storage Temp: To be Mentioned<br>(17) Typical Radiation Leakage (mR/hr): To be Mentioned<br>(18) X-ray Generator: To be Mentioned<br>(19) Dimension (L X W X H): Approx 2004 mm x 850 mm x 1284 mm<br>(20) Weight (Net): To be Mentioned |                                                                                                                                                                                                                                                                         |
| b.  | <b>PC</b><br>(1) Brand: Recommended by the manufacturer for the system<br>(2) Model, Manufacturer Country,Software: To be Mentioned.<br>(3) Ram: Min, 4GB<br>(4) Country of Origin: USA/EU/UK/Canada                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                         |

RESTRICTED

|     |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 02 (two) years after 02 (two) years of free warranty period. Periodical routine checks and system tuning as recommended by the buyer/ manufacturer to ensure smooth, efficient and continuous operation of the Turnstiles 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 the opening the tender document.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 16. | Accessories                             | Accessories required for the Turnstile are to be supplied free of cost, which are essential to install and operate the items. <b>List of required accessories is to be submitted with the tender offer.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 17. | Site visit                              | Potential bidders may visit the sites and carryout survey for determining the total requirement of item/ installation material with prior permission from BN authority. The bidder should apply to BN authority at least 10 working days before planning to visit the site (if required) so as to obtain the security clearance and other necessary formalities.                                                                                                                                                                                                                                                                                                                                                  |
| 18. | Installation and Installation Material  | All installation material like-power cable, nut, bolts, screw, plug, clip and any other necessary material to install the Baggage Scanner at the time of installation should be provided by the bidder without additional cost. Supervision during installation work, test and trial shall be done by a competent supplier representative. The supplier will carry out necessary civil works in this regard.                                                                                                                                                                                                                                                                                                      |
| 19. | Warranty:                               | 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. 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. Time period for warranty replacement is 90 days. After repairing under warranty, the supplier will return back the item to the same place without any cost. |
| 20. | Port of Shipment                        | To be mentioned.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 21. | Source of Supply                        | To be mentioned.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 22. | Inspection, Test, Trial and Acceptance. | Primary inspection will be done by ACINS Dhaka. After installation, training and successful test & trial an acceptance certificate will be signed between the user and bidder. Final acceptance will be given by ACINS Dhaka.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 23. | Training                                | Necessary user training to operate and maintain the baggage scanner for the period of 10 working days for 10 personnel will be arranged by the professional engineer of the bidder at installation place.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

RESTRICTED

|     |                        |                                                                                                                                                                                                                                                                                                                                                              |
|-----|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25. | Certificate            | Current/ recent original certificate from manufacturer (OEM) is to be provided along with the offer indicating the year of manufacture.                                                                                                                                                                                                                      |
| 26. | Liquidated Damage (LD) | Items are 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.                                                |
| 27. | Special Note           | The supplied items must be Brand New. It should be of reputed Brand & operational condition.                                                                                                                                                                                                                                                                 |
| 28. | Other Points           | 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. Supplier may include any other information/ feature if deemed necessary. |
| 29. | Picture                |                                                                                                                                                                                                                                                                            |

  
 MD. HASAN MAHAMUD  
 Commander BN  
 Executive Officer  
 Naval Headquarters