**Tender Notice**

Consulate General of India, Jeddah invites quotations from interested firms for supply of Door Frame Metal Detector (DFMD) (Single Zone) for the Chancery premises.

**Technical Specifications Of Door Frame Metal Detector (DFMD) (Single Zone)**
*(Water proof/weather proof)*

<table>
<thead>
<tr>
<th>No.</th>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Technology</td>
<td>Suitable latest technology</td>
</tr>
<tr>
<td>2.</td>
<td>Dimensions</td>
<td>Detection area – Height: not less than 205 cm</td>
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<tr>
<td>3.</td>
<td>No of zones</td>
<td>Single Zone</td>
</tr>
<tr>
<td>4.</td>
<td>Operational Frequencies</td>
<td>User Selectable</td>
</tr>
<tr>
<td>5.</td>
<td>Sensitivity</td>
<td>Adjustable</td>
</tr>
<tr>
<td>6.</td>
<td>Zone Sensitivity &amp; Adjustment</td>
<td>Single Zone along with ministry 05 frequencies</td>
</tr>
</tbody>
</table>
| 7.  | Metal Detection                                        | (i) Should detect  
(a) Ferrous, Non-ferrous, Ferrite & Alloys.  
(b) Uniformly in entire frame area.  
(c) In all orientation and  
(d) In walking speed of interception |
| 8.  | Alarm                                                  | Audible alarm on detection with adjustable volume |
| 9.  | Display                                                | Back lit LED Display |
| 10. | False Alarm Rate                                       | Less than 3% |
| 11. | Capacity                                               | 20 persons or more per minute Adjustable throughput rate  
Traffic count is acceptable. |
| 12. | Power Supply                                           | (a) 220VAC 50HZ Mains+ 10%  
(b) Rechargeable maintenance free internal battery for minimum 10 hrs operation with inbuilt charger(external batteries will not be accepted)  
(c) Audio Visual low Battery indicator  
(d) Instrument should also work in case of without battery back-up through power supply. |
13. **Calibration**: Inbuilt auto calibration capability.

14. **Safety**: The bidder shall submit a certificate regarding its adverse effects on human and machines. Harmlessness to magnetic media and heart pacemaker, pregnant women.

15. **Self Diagnostics**: User-friendly self testing diagnostics to identify faulty condition.

16. **Operating**: Temperature - From 5 degree C to 55 Degree C
    Ambience
    Humidity – Upto 95 % Non Condensation.

17. **Control Panel**: Easily accessible, modular design with standard plugs and connectors. Adjustable control should only be activated on the insertion of a removable key or password.

18. **Construction**: Lightweight, Rigid laminated side panels and cross piece, ABS plastic boots for panel protection. Base wheels for easy mobility & should be waterproof/weatherproof and usable at outdoor locations. It should have a floor panel to attach both side panels to give stability & rigidity to the machine.

19. **Warranty**: Warranty for 3 years. Sufficient spares should be available in stock with the supplier from the manufacturer and certificate for availability of spare in Kingdom of Saudi Arabia for at least 7 years after the warranty period.

20. **Accessories**:
    i) One test sample for each machine for testing during commissioning and during maintenance.
    ii) Training tools – charts, slides, training brochure, training work, model blow up diagram, video films, on demonstrations and use etc.
    iii) Technical manual giving full description of the item. Practical training at least 4 times in a year continuing during warranty period.
    iv) User’s handbook and literature on preservation/maintenance as applicable.
    v) Procedure for packing, handling, transportation, storage and battery replacement.

21. **Counters**: Counting of number of persons passing the sensing zone-inbound/outbound.

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Bids: Interested companies should submit (i) The company profile, (ii) VAT registration number in Technical Bid in a sealed envelop clearly mentioning the same on the cover.

The financial bid in another similar sealed envelop should have the price as per the specifications above. Both the bids should be submitted to the Head of Chancery, Consulate General of India, Building of Mr. Mansoor Abdul Rahman Al Hueesh, Villa No. 34 (Behind National Commercial Bank), Near Al Huda Mosque, Tahila Street, Jeddah latest by ..

The company offering the best price will be awarded the job. The decision of the Consulate in this regard will be final.