

## **CONTRABAND DETECTORS**

1. It should be able to detect explosives, drugs, weapons, currencies etc. hidden in places like automobile tyres, doors, bumpers, fuel tanks, pipes as well as aircraft structures, boat hulls and building walls, traffic devices etc.
2. It should have a digital display in all conditions and an audio beep that increases in rate as it is detects more contraband material.
3. It should be lightweight and hand held system.
4. Scanning rate 0.25 sec/ reading or better
5. Depth of reading – 6 inches or better
6. Audible alert during Switch ON position
7. Calibration time max – 30 seconds
8. The system should comply with international health and safety regulations. No leakage of radiation hazardous to the handlers. Certificate from the competent authority should be produced in this regard.
9. Rechargeable battery with 2 spare batteries and charger.
10. Miscellaneous : The firm should be able to provide the following along with the equipment
  - a) Strong sturdy and portable Carrying case
  - b) Cleaning kit
  - c) Special maintenance tools
  - d) Training aggregate – charts, slides, training brochure, training work model, blow up diagram, video films etc.
  - e) Physical training in India
  - f) Tech manual giving full description of the item
  - g) Users handbook and literature on preservation/maintenance (in english)

h) Procedure for packing,  
handling/transportation/storage

11. The vendor should impart detailed training free of cost to sufficient personnel at the place(s) specified by the Department.
12. The supplier should have well-equipped office / workshop for maintenance with qualified engineers in repairs/ service. If the equipment needs repairs it should be carried out within 10 days from the date of receipt of intimation.
13. Supplier should have direct authorization from the OEM to participate in the tender. Necessary authorization documents should be made available in this regard. The name of the OEM along with the contact telephone numbers, addresses, fax numbers & E-mail address may be available for confirmations with the OEM about the status of the supplier.
14. Periodical service minimum once in three months during warranty period.
15. Minimum 3 years warranty for the equipment, batteries, charger and for other all accessories.
16. The Firm should provide AMC for a period of 5 years after the warranty period should be enclosed with the tender proposal.
17. AMC should be express as percentage of total product value (TPV) separately for each year of AMC.
18. Tenders will be evaluated based on the net liability to the department which includes Product cost and AMC cost.