

Request for Proposal (RFP) for supply of Security Equipment for the 35th National Games

Tender No: 101/NGOC/2014-15

Date: 24/12/2014

A. The following clarifications are issued in response to queries from bidders:

SI No	Query from Bidder	NGS Query
1	Please give the detailed specifications	Please see Appendix I
2	Please give the format for the Compliance Statement	Please see Appendix II
3	What is the delivery period?	All equipment have to be delivered, installed, tested and commissioned by January 25, 2015.

B. The last date of submission of bids is extended to 26/12/2014, 5:00 p.m. Bids will be opened at 5:00 p.m on 29/12/2014.

Appendix 1: Final Specification of Security Equipments

DOOR FRAME METAL DETECTOR (Multi Zone)

1. Minimum 24 distinct zones are to be displayed with two independent columns of LED.
2. Alarms -Audible and visual (LED)
3. Battery as well as AC operated -battery backup for 8 hours or better
4. Easy to assemble and dismantle and easy to operate
5. It should detect ferrous and non-ferrous metals
6. LED bar graph and adjustable volume control.
7. Multi levels of adjustable sensitivity
8. Operation manual.
9. Three years warranty
10. 2 years Extended warranty (desirable)
11. If the equipment needs repairs it should be carried out within 10 days from the date of receipt of intimation
12. The firm should provide AMC at lowest rate, applicable after period of warranty.
13. Efficient after sales service.
14. Availability of local service centre is desirable.
15. The vendor should impart detailed training free of cost to sufficient personnel at the places specified by the department.
16. The supplier should have well equipped office/ Workshop for maintenance with qualified engineers in repairs/ service.
17. Supplier should have direct authorisation from the OEM to participate in the tender.Necessary authorisation document should be made available in this regard.
18. The name of the OEM along with the contact telephone no, addresses, fax no and e-mail address may be available for confirmations with the OEM about the status of the supplier.

HAND HELD METAL DETECTOR

1. It must be simple and easy for use.
2. It should be light weight and easy to carry.(Max 500 Gram)
3. It should be detect ferrous and non ferrous metals.
4. It should detect meduim – Sized pistol at 9”, large pocket- knife at 6” and razor blade at 3” /better.
5. It should produce instant response with clear audio visual alarm.
6. Automatic tuning.
7. It should have indicators for Power On, Detection Alarm and Low Battery.
8. It should have long life rechargable battery with inbuilt charger and spare battery.
9. Operational Manual
10. Three Years Warranty.
11. 2 years extended warranty (desirable).
12. If the equipment needs repairs it should be carried out within 10 days from the date of receipt of intimation.
13. The firm should provide AMC at lowest rate.
14. Best after sales service.
15. Availability of local service centre is desirable.
16. The ventor should impart detailed training free of cost to sufficient personnel at the places specified by the department.
17. The supplier should have well equipped office/ Workshop for maintainance with qualified engineers in repairs/ service.
18. Supplier should have direct authourisation from the OEM to participate in the tender.Necessary authourisation document should be made available in this regard.
19. The name of the OEM along with the contact telephone no, addresses, fax no and e-mail address may be available for confirmations with the OEM about the status of the supplier.

DEEP SEARCH METAL DETECTORS

1. For the detection of mines and IED's underground and underwater.
2. Able to detect metallic objects above 3 feet under the ground/ water.
3. Detects all metals.
4. Water proof and light weight probe with telescopic/foldable handle.
5. Lightweight control unit with inbuilt battery.
6. Easy to operate (user friendly feature).
7. Audio alarm with volume control and visual alert/ indication system.
8. Ear phone facility should be provided as optional.
9. Rechargeable battery and spare battery (With battery charger separate or inbuilt).
10. Sturdy, light weight carrying case.
11. Operational Manual
12. Three Years Warranty.
13. 2 years extended warranty (desirable).
14. If the equipment needs repairs it should be carried out within 10 days from the date of receipt of intimation. If more time is required for repairs another equipment should be provided till the original equipment got repaired.
15. The firm should provide AMC at lowest rate.
16. Best after sales service.
17. Availability of local service centre is desirable.
18. The vendor should impart detailed training free of cost to sufficient personnel at the places specified by the department.
19. The supplier should have well equipped office/ Workshop for maintenance with qualified engineers in repairs/ service.
20. Supplier should have direct authorisation from the OEM to participate in the tender. Necessary authorisation document should be made available in this regard.
21. The name of the OEM along with the contact telephone no, addresses, fax no and e-mail address may be available for confirmations with the OEM about the status of the supplier.

NON- LINEAR JUNCTION DETECTOR

1. The NLJD should be capable of detecting hidden semiconductor electronic devices, regardless of whether the device is radiating, hardwired, or even turned on/off.
2. The NLJD should be capable of detecting such devices through several inches of concrete, inside a wall, or buried deep inside any furniture.
3. Peak Power desirable 1.4 watts (This refers to effective radiated power including antenna gain and all system losses). In any case, it should not be less than 1 watt.
4. Power control: 30 dB range in 2 dB steps and adjustable down to 5 mW- automatic or manual control. Pulse to limit average output power to FCC max.
5. Antenna : Circular, polarised antenna for both transmit and receive functions so as to remove risk of missing a threat due to incorrect antenna polarisation.
6. Operation : Second and third harmonic operation must include advanced algorithm for minimizing false alarms as well as listening capability for each harmonic.
7. Transmitter : Frequency bands : 880-1005 Mhz using 200 kHz steps.
8. Receiver : Frequency Bands : Second (1700-2010 Mhz) or third (2550-3015 Mhz) harmonic of transmit fundamental frequency.
9. Receiver Sensitivity : -130 dbm for both Harmonics.
10. Receiver Gain Control : The gain of the unit must be enhanced using software integration.
11. Receiver IF BW : 3kHz
12. Integrated display and Audio demodulator.
13. Desirable : Wireless Infrared Headphones
14. Sturdy carrying case.
15. Activation : The system should not activate any active radio controlled device in close proximity to search head.
16. Battery Specifications : Externally rechargeable standard type battery; 7.2 VDC camcorder style NiCad; should work continuously for four hours. Low battery alarm.
17. Battery Charger: Dual battery charger with Automatic Operation; Charging time: approximately 45 minutes to 1 hour; must sequentially charge both batteries.
18. Unit Operational Weight: not more than 3.4 lbs (1.54kg)
19. Packing : Briefcase Style Hard Side Carrying Case
20. Operational Manual
21. Desirable: OLED screen (Organic Light Emitting Display)
22. Detection of Standalone SIM Card ie., XDi-8 capable
23. Three Years Warranty.
24. 2 years extended warranty (desirable).
25. If the equipment needs repairs it should be carried out within 10 days from the date of receipt of intimation. If more time is required for repairs another

equipments should be provided till the original equipment got repaired.

26. The firm should provide AMC at lowest rate.

27. Best after sales service.

28. Availability of local service centre is desirable.

29. The vendor should impart detailed training free of cost to sufficient personnel at the places specified by the department.

30. The supplier should have well equipped office/ Workshop for maintenance with qualified engineers in repairs/ service.

31. Supplier should have direct authorisation from the OEM to participate in the tender. Necessary authorisation document should be made available in this regard.

32. The name of the OEM along with the contact telephone no, addresses, fax no and e-mail address may be available for confirmations with the OEM about the status of the supplier.

EXPLOSIVE DETECTOR (VAPOUR DETECTOR)

1. The Explosive detector should be capable of detecting all the major classes of high explosives, namely nitrate esters, nitramines and nitro aromatic compounds ammonium nitrate, TATP and low explosives like gun powder, crackers.
2. Sensitivity higher than 1×10^{-13} gm/cm³ (0.01 part per billion)
3. Warm up time-less than 30 seconds.
4. Simple to operate.
5. Automatic calibration.
6. After automatic calibration, the response time should be normally less than 3 seconds and should be less than 10 seconds, if humidity is more than 80%.
7. Audio and visual indicaton for detection alarm. The detector must be able to distinguish between diffrent high explosives and visual identification of the type of explosives.
8. The detector must be reliable and should not give false alarms. (It should avoid response to non-expensive items.)
9. Operating temparature- -20 degree to +50 degree C.
10. Provision for low battery indications. Rechargeable battery and spare battery with charger shall be provided.
11. Portable hand held unit and packing shall not be more than 10 kg. Compact, aesthetic and sturdy packing for ease of transportation.
12. The detector must have large range of detection. Range of compounds detected refers to the spectrum of material that the device can detect simultaneously. It must be able to simultaneously detect negative and positive ions, including both nitro and non-nitro traget substances without sacrificing sensitivity or time making if possible to effectively screen for low concentrations of multiple substances with a simple sample.
13. To be effective in a real world security environment, the detector must maintain peak performances in high traffic, dusty or humid conditions.
14. There should be no measurable level of radiation emitted by the detector itself, thus allowing for a completely safe operation.
15. The device should have two models of sampling: swiping and direct sniffing.
16. The device should be portable and weight must be less than 10 lbs.
17. It should be possible to run the device on domestic power supply. Battery backup for minimum 6 hours.
18. Desirable: The system should not require any gas refills/ Consumable items or changing of dryers. Changing of consumables like dopants/desiccant is allowed but the company must assure their uninterrupted supply.
19. Operational Manual
20. Three Years Warranty.
21. 2 years extended warranty (desirable).
22. If the equipment needs repairs it should be carried out within 10 days from the date of reciept of intimation. If more time is required for repairs another equipment should be provided till the original equipment got repaired.
23. The firm should provide AMC at lowest rate.

24. Best after sales service.
25. Availability of local service centre is desirable.
26. The vendor should impart detailed training free of cost to sufficient personnel at the places specified by the department.
27. The supplier should have well equipped office/ Workshop for maintenance with qualified engineers in repairs/ service.
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Appendix 2: Format for Compliance Statement

Bidders may use the following format for submitting the compliance statement

Serial No.	Name of Equipment	Details of equipment offered by Bidder			
		Make	Model	Detailed Specification	Remarks
1	Door Frame Metal Detector (Multi Zone)	50	Nos.		
2	Hand Held Metal Detectors	150	Nos.		
3	Deep Search Metal Detectors	8	Nos.		
4	Non Linear Junction Metal Detectors	2	Nos.		
5	Explosive Vapour Detectors	1	Nos.		