

GOVERNMENT OF MANIPUR
POLICE DEPARTMENT

NOTICE INVITING TENDER FOR SUPPLY OF SECURITY EQUIPMENT

Imphal, 6th October, 2008

No.Pr-18/44/2008-09/PHQ(Pt-II) / Sealed rate quotations are invited from intending reputed and registered firms/manufactures/authorized dealers/stockiest for supply of all or any of the **security/Intelligence Equipment** mentioned in the Schedule enclosed. Tenders will be received by the undersigned upto 1p.m of **29/10/2008** and will be opened on the same day at 3 p.m. in presence of the Tenderers / their representatives, if any, at PHQ, Imphal. Rate to be quoted are **F.O.R. Imphal** and **inclusive of all taxes and other charges**, if any.

Terms and conditions of Tenders can be had from the Police Headquarters, Imphal or from the officers of the Dy. Resident Commissioners, Kolkata, New Delhi and Guwahati on any working day or the same may be down load from the Police Website **www. Manipur police org.**

Sd/-

Director General of Police,
Manipur, Imphal.

No.PR-18/44/2008-09/PHQ(Pt-II)/:

Imphal, the 6th October, 2008

Copy to: -

1. The Principal Secretary (Home),
Government of Manipur.
2. The Dy. Resident Commissioners, Govt. of Manipur
 - i) Manipur Bhavan, Chanakyapuri,
2-Sardar Patel Marg, New Delhi.
 - ii) Manipur Bhavan,
26 Rowland Road (near Ballygunge),
Kolkata.
 - iii) Manipur Bhavan, Guwahati.
3. The Director, Information & Public Relations, Imphal.
- for insertion in the Local dailies (2 –English & 2-vernacular each) for 1(one) day National News Papers (Kolkata and New Delhi Edition).
4. The Director MPR – for publication in the Manipur Police website please.
Approximate Tender value is **Rs172.00 lakh** only for the year (2008-09)

Sd/-

(T. Pachuau)

Inspector General of Police (Adm),
for Director General of Police,
Manipur, Imphal.

Technical Specifications

Sl. No.	Name of Items	Technical specifications of the item	Quantity
1	Door frame Metal Detector (Portable)	<ol style="list-style-type: none"> 1. DFMD should be portable with Telescopic Type pipe frame. 2. Should be operated on 4 rechargeable cells and dry cells. 3. The frame be packed in briefcase with the control unit packed in a briefcase. 4. Should come in one transportation case for easy and safe transportation. 5. The Construction should be of Telescopic Type Pvc Pipe Frame. 6. Overall Dimension should not be more than 900 x 1800mm. 7. The weight should be more than 7 kgs for the frame. 8. Should have a Separate Control Unit. 9. Should be able to detect both ferrous, nonferrous metals and also the metals concealed in ferrite with uniform Sensitivity. 10. Should have 9 levels to select the low/Medium/High Sensitivity through thumb wheel switch. 11. The unit should be able to operate on 230 VAC 50 Hz, and also on rechargeable batteries and should have an in-built charger. 12. Should have three-tone audible alarm signal with visual alarm by bar graph. 13. Should have LED bar graph with high intensity LED. 14. Should have a low battery indication. 15. Should have IR SENSORS to avoid alarm indication for metal movement outside the frame. 16. Should have a dual power rechargeable batteries and 4 nos. of dry cells. 17. Should be able to have a continuous operation 70 hours on battery full charge. <p style="text-align: center;"><i>OR</i></p> <p style="text-align: center;"><i>Specifications of superior quality of equipment to the above-mentioned</i></p>	30 nos.

2	Door Frame Metal Detector (FIX)	<ul style="list-style-type: none"> Ø Should be a walk-through metal detector that should have a unique multi-zone principal to guarantee fast-rate performance. Each detection zone should function as an independent detector and automatically increase discrimination by reducing the cumulative signal effect caused by distributed harmless objects. Ø Should have eight independent detection zones and should independently detect target objects in each zone. Ø Should have the capabilities not to produce unnecessary alarm from signals from harmless objects. Ø Should provide more uniform detection. Ø There shall be zone display illumination at the level where detection occurs. Ø There should be a provision for adjustment of the sensitivity of the entire detector and individual zones. Ø Should be able to work in the proximity to large metal objects and should be capable to have a uniform detection. Ø Should be capable to work above a metal floor, and give uniform performance. Ø The switches, cables and connectors should be built-in, that should make the detector tamper-proof and have a continuous operation. Ø A remote control unit should be provided that can be locked inside the crosspiece or kept in the possession of authorized persons only, preventing anyone else from modifying the detector's parameters. Ø All parameters should be set through a remote control unit. Ø Should have an alphanumeric display that should show the results of parameter adjustments, traffic counts and self-testing diagnostics. Ø The remote control unit should be able to be programmed to operate on one or multiple walkthrough metal detectors. Ø Should have an intelligent traffic and alarm counters that can calculate the traffic flow and resultant alarm. Ø Should have an automatic adjustment, without manual intervention, for power fluctuations over the voltage range of 90 to 264 V AC. Ø The counters should show both the increment and decrement, so that it can give a true traffic count. <p>It should have the following specifications besides the above: -</p> <ol style="list-style-type: none"> 1. Operating Temperature should be from -10°C to +55° C. 2. It should have a Protection as per IP 20 (EN 60529) 3. It should be able to operate on power supply AC 90-264VAC/45 - 65Hz and battery of 24 - 35V DC 4. The power consumption should not be more than 50W 5. Should have a fuse of T1A 5x20mm 6. It should have an audible and visible alarm 7. It should have an alphanumeric display and zone Display. And relay contact for remote alarm 8. It should have a 100 sensitivity steps per program 9. It should have a separate zone sensitivity adjustment and all 	20 nos.
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		<p>eight zones should be individually adjustment (0 to 255%) with respect to the overall sensitivity level</p> <ol style="list-style-type: none"> 10. The calibration should be able to be set automatically and manually 11. Should be able to automatically have a sensitivity function that selects the appropriate sensitivity for a specific weapon of test object so as to eliminate the time-consuming trial and error method. 12. Should have an adjustable reset time facility. 13. should have interference suppression that uses digital filtering by signal processor and user selectable frequency selection 14. Should have an advanced Self-Adjusting Diagnostics that is user-friendly diagnostics that identifies fault condition 15. Should have a two-year warranty. <p style="text-align: center;"><i>OR</i></p> <p><i>SPECIFICATIONS OF SUPERIOR QUALITY OF THE ABOVE-MENTIONED FEATURES</i></p>	
3	Anti-Sabotage Basic Search Kit Bag	<p>The search kit is to be used by the BDDS personnel. It should be designed as a single backpack, to be used by man search teams, it should minimized the weight and bulk. The kit should offer capability in the following areas: Reconnaissance and survey, search and location, access, Identification and diagnosis, Hook & Line.</p> <p>The modular design of the kit should allow the contents be adapted to suit deferent scenarios.</p> <p>The kit should have the following features:</p> <ul style="list-style-type: none"> Innovative lightweight hook and line system, Advance metal detector, Advance take down mine prodder, Search equipment, Modular construction <p>The kit should have the following items</p> <ul style="list-style-type: none"> Binoculars Waterproof note book and pen Waterproof map case Digital voice recorder Digital camera (2 M pixel min) Mine prodder with collapsible hand protection Metal detector Carbon fiber trip wire finder Night time laser trip wire finder Daylight route marking systems Night time luminescent route marking system LED head torches with additional red filter, 2 off per pack (for 2 man teams) LED rigid endoscope, ½" diameter, 12 long Comes with integral power source Small intrinsically safe torch Telescope arm which accepts mirrors for searching applications and hooks for river bed command wire finding procedures 1.5m telescope arm, closes down to 0.5m, accepts mirrors and hooks Wide angle glass 140mm mirror 	

		<p>Plano 65mm mirror Pocket search mirror, extends from 0.2 to 0.9m, with light Non magnetic trowel & fork Pruning saw & scrub cutter Ply axe & beil entry tools Rummage tools, consisting of the following: Flat, Posi, Phillips, Hexagonal & Torx Screwdriver bits Knife, with snap off blade sections Vehicle door trim panel removal tool 'Dremel' cordless multitool Distance finder NIC lightweight reeler and 50m pulling cable Hook large single plain Hook, medium double plain Hook, medium double barbed Piton chisel 85mm long Piton chisel 55mm long 25mm eyes Sticky eye Small suction pad 150mm self locking pliers with eye Karabiner (alloy) 18mm screw gate Light weight spring grip Wire sling, 3.0mm dia x 2m long Shock cord, 10mm dia x 2m long, soft eye Screw eye self tap Lightweight pulling handle CARRYING SYSTEM Backpack, accepts PLCE system, Velcro mounted pouches OR SPECIFICATIONS OF SUPERIOR QUALITY OF THE ABOVE-MENTIONED FEATURES</p>	
4	Telephone Monitoring Equipments (8 channels)	<p>It should be a PC Based 8 Channel Telephone/Radio/Mapped GSM Recording & Logging System with facility to monitor Telephone/Radio/Fax. The System should be provided with a Desktop PC (Dual Core, 1GB RAM, 160 GB HDD) and UPS. It should also have the provision to record calls diverted on GSM/CDMA Phones. The desired System should have the following features:-</p> <ul style="list-style-type: none"> Ø Input: 8 Analogue Channel { for Recording both sides communication on Telephone Lines in Parallel, Radio Communication, Mobile Phones mapped on SIM} Ø Recording Trigger: Voltage Activation, Voice activation Ø Sensitivity: Better than – 30 dBm Ø It should have VOX Delay that should be Programmable Ø Recording and Decoding of GSM/CDMA number with voice communication of the targets. The calls recorder shall also display the mapped number along with the voice call Ø The system should also be able to decode SMS forwarded on the mapped number Ø Preference will be given to the Product which does not require additional power supply for the main unit/decoders. It shall draw its power through PC. Ø The system should allow the operator to select the 	2 nos.

		<p>compression levels. Minimum 4 level of compression should be available.</p> <ul style="list-style-type: none"> Ø It should have a built in AGC, which should be user programmable Ø It should make it possible for the operator to TAG the important part of the conversation for later references. At least 2-3 tagging on each call shall be possible. Ø It should be possible for the operator to faster or slowdown the payback speed through dropdown menus. No third party application should be utilized for achieving the same Ø The system should be easy to handle Ø The system should make it possible to transcribe the call simultaneously, when the call is being played. Ø It should be possible to Record the Date, Time and duration of the call. The system should also offer the start and stop time of the recorded calls. Ø It should have provisions to review on the main screen the duration of all the recorded calls that are logged Ø It should have the facility for tagging for incoming (In) and outgoing (Out) numbers against the telephone numbers. Ø It should have a user-friendly operation for searching the logged calls and sorting through Channels No, Calls (In / Out), Start time, Stop time, Duration and Date & Time. <p>The system should be a single unit complete in computer with the needed software and modules of 8 channels, for Recording both sides communication on Telephone Lines in Parallel, Radio Communication, and Mobile Phones mapped on SIM with UPS.</p> <p style="text-align: center;"><i>OR</i></p> <p style="text-align: center;"><i>SPECIFICATIONS OF SUPERIOR QUALITY OF THE ABOVE-MENTIONED FEATURES</i></p>	
5	Portable Digital X-Ray Imaging System	<p>The unit should be a portable digital X-Ray system complete in a wheeled case PC display unit, video capture unit, XR 150/XR 200 X-Ray generator, chargers, spare battery and 50m-cable reel with accessories. It should be a multiple application portable X-ray viewing system. It should be able to examine suspect item on the spot. It should be lightweight and should be able to be set up in 2 minutes by one person. It should give a high resolution X-Ray images with zoom, reverse black and white, pseudo-colour, pseudo 3D and measurement features in inches and millimeters and should be able to image print and e-mail archive in excess of 32,000 images on P.C or CD. It should have annotation tools with full database management tools. Should be designed to work with all portable x-ray sources including XR 150, XR200 and XR 3S. It should have a multi-lingual interface and should be able to store in excess of 32,00 images. Should be able to be used with smaller and larger size camera boxes.</p> <p>The system should comprise the following: - PC Windows Laptop Display; scanna image capture unit (SICU); Portable x-ray generator (XR range); running scanview imaging software, spare battery, battery charger, 50-meter cable reel-integral to case Waterproof Carry Case; Operating Manual</p>	2 nos

		<p>The PC Laptop should have a minimum configuration of Processor: Centrino, Pentium IV, Celeron, 2 Ghz minimum</p> <p>Drives: Hard Disk 40 Mb GB min CD/DVD RW</p> <p>Memory: 512 Mb RAM expandable</p> <p>Operating System: Windows XP</p> <p>Image Storage: Exceeds 32,000 stored images in bmp or jpg</p> <p>Power Sources: 220 Vac 50 Hz or Rechargeable Battery</p> <p>Record & Export Facility: Video, Audio & Data, Fax, LAN & Modem 56K</p> <p>Image Enhancement: Rotate, Zoom, Invert b/w, pseudo colour, Pseudo 3-D, measurement in mm or inches</p> <p>The Video capture and camera unit should be of the following specification Scanne Image capture unit (SICU)</p> <p>Imaging area 8 x 10" (20.32 x 25.40 cm)/10" x 13" Camera type High performance CCD Horizontal resolution (625 TV lines) Video Signal/Noise Better than 40 dB X-Ray source 150 kV or 300 kV pulsed Power supply 220 VAC 50 Hz 12 VDC – Auto DC Inverter rechargeable battery</p> <p>THE X-RAY GENERATOR SHOULD BE AS FOLLOWS XR200/XR150: pulsed X-ray with 40 beam angle 150kV maximum energy, 23 microsievert output dose per pulse at 1 m 0.028 microsievert behind beam</p> <p>Penetration: 15 mm steel or above. 36 AWG or 32 AWG behind 3 mm steel 2 Kgs with battery</p> <p>Transport Case Pelicase or similar watertight case. Tenderer should be an authorized dealer of the manufacture/distributor in India.</p> <p style="text-align: center;"><i>OR</i></p> <p style="text-align: center;"><i>SPECIFICATIONS OF SUPERIOR QUALITY OF THE ABOVE- MENTIONED FEATURES</i></p>	
6	Contraband Detector	<ol style="list-style-type: none"> 1. The system should be a contraband detector that can positively detect drugs, explosives, weapons, currency etc. 2. Should be capable of detecting contraband in objects such as containers, tires, car doors, fuel tanks and other objects that can contain illegal substances such as vehicles, trunks, boats and airplanes. 3. Should be a one – piece unit that requires only one hand for 	

		<p>operation. During use no components or subassemblies should be required, or permit removal, other than replacement of the single standard 9V transistor battery, attachment of a separate, audible alarm headset, or the optional remote arm.</p> <ol style="list-style-type: none"> 4. The unit should have a rubber grip pad surface for comfort and an integrally mounted safety wrist strap. 5. The unit should have an easily replaceable Velcro anti - scratch pad. 6. A spare Velcro pad and display overlay panel should be provided with each Buster. 7. Should not be more than 5.6 x 2.6 x 2.6 inches, weighing not more than 2.501bs (1.1 kgs) with a display unit of 3½ digit LCD with LO BAT and “minus sign” indicators. 8. The display should be capable to update every ½ second and should include a pushbutton operated electro luminescent back light panel for use of the unit in dark spaces or at night. 9. The detector should be a Cesium Iodide scintillation crystal and the source should strictly be a Barium 133, not exceeding 10 micro curies, having a tungsten Carbon with stainless steel assemble parts. 10. For maximum safety, the shield assembly should be spring-loaded and automatically retracts the source when the operating trigger is released. 11. A visible RED indicator should be provided to indicate when the source is in the operating position. 12. The scan rate should be 0.25 second per reading. 13. The unit should be provide with an audible alarm driven by the microprocessor in the appropriate operating modes, producing 59db pulsed of 0.50 second duration when actuate. 14. The unit should be provided with a Raw Data Mode with no alarm and current valued display reading; a Data Scan Mode with alarm and current value plus display reading; a Zero Scan Mode with alarm and a zero based display value reading, Calibration Mode, and Self-Diagnosis Mode. 15. A Lock Mode should also be provided to temperature lock the operating display for taking a reading in an inaccessible space. 16. It should be provided with a Universal Calibration Standard, permitting all similar model units to be calibration to a common base. All units should read the same, within ± 2 % of each other, after calibration. The calibration should automatically compensate for decay of the source as well as routine internal component aging. This calibration should be easily carried out in the field within 30 seconds. 17. The Unit should use only one commonly available 9V alkaline transistor battery, easily replaceable in the field by the user. 18. The unit should be is provided with a lockable high carrying case internal foam padding for each component and with a pocket for the manuals and accessories. 19. The unit should be supplied with an aluminum Telescoping Extension Pole extends out to 16 ft (5m) including the length of the Clamp Assembly. 	2 nos
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		20. The Clamp Assembly should be mounted to the far end Arm to securely hold the Buster, permitting placement against the exterior of high vehicles, ceilings, or other locations more than arms length from the inspector. <i>OR</i> <i>SPECIFICATIONS OF SUPERIOR QUALITY OF THE ABOVE-MENTIONED FEATURES</i>	
7	Wireless Equipments:		
	i) Digital trunking hand held set	ASTRO XTS 3000 Model III	20 nos
	Accessories: -	a) Battery Pack for XTS 3000	20 nos
		b) Rapid charger for XTS 3000	20 nos
	ii) CVT 5 KVA	ELNOVA CVA 5000	5 nos
	iii) Communication Test Set		2 nos
	iv) SMD (Surface Mounted Device) Re-work station, three in one (5W to 35W) soldering station		10 nos
	v) Crimping Tools		10 nos
	vi) Digital Auto Ranging Clamp Meter		10 nos
	vii) Crescent 110 piece tool kit		12 nos

Terms and Conditions

1. Earnest Money of 2% of the value in the form of DD/Deposit-at-call drawn in favour of the Inspector General of Police (Adm), Manipur, Imphal and valid ST/IT clearances Certificates be submitted alongwith the Tender so as to reach PHQ Imphal upto 1 p.m. of 29.10.2008.
2. If the Tenderer happens to be any type of firm/association or any organized body only such person(s) who are legally competent to sign should sign the concerned papers such as the Bids/Tenders, Contract Deed etc. on behalf of the firm. Such person(s) shall furnish an undertaking making him and such other functionary as also the firm responsible jointly and individually on all connected matters. Failure to do will result in right to rejection of offer without any notice and compensation.
3. The rates should be quoted both in figure and words mentioning the taxes and other charges specially. If any Tender is withdrawn before that date the earnest money will be forfeited and such Tender will be debarred from tendering for any supply/contract in the Department for a period of 2 (two) years. Similarly the earnest money of successful Tenderer, who refuses to undertake the contract after final selection by the competent authority will be forfeited besides being debarred from tendering for supply of any item to the Department for the next 2 (two) years.
4. Catalogue/Sample of the items wherever possible shall also be submitted. The successful Tenderer will be required to furnish security deposit @ 10% of the total value of items to be supplied for the fulfillment of his contract in the form of DD/Deposit-at-call drawn in favour of the Inspector General of Police (Adm), Manipur, Imphal and sign a Contract Deed with Department before the commence of work and must abide by the Terms and Conditions laid down in the Tender Notice and Contract Deed.
5. The successful Bidder/supplier shall ensure to supply the items as per time schedule mentioned in the Supply order. The item so supplied shall be of same quality/specification as those of the sample submitted in response to this Tender.
6. In the event of rejection, failing, declining, neglecting or delaying to company with any demand or requisition, the Department will be at liberty (without prejudice to any other remedy the Department may resort to on account of any claim for compliance and failure to abide by the supply schedule) to cancel the Tender.
7. Locale sales Tax will be deducted at source.
8. Preference will be given to those suppliers who can supply without insisting on any advance payment.
9. Tenders which do not fulfill all or any of the above conditions or incomplete in any respect are liable to be summarily rejected. Canvassing in any form in

connection with the Tender is prohibited and the Tenders submitted by the Tendedrers who resort to canvassing/bringing under pressure of any kind are liable to be rejected without any notice and compensation.

10. The Police Department reserves the right to enhance or reduce the amount of security deposit at any time till the placing of supply orders on the successful bidder/Tenderer.
11. Further, the Police Department also reserves the right to terminate any or all Tenders without assigning any reason, whatsoever by giving 15 days notice in working and is also bound to accept the lowest tender without assigning any reasons therefore.
12. In case of dispute on any matter arising out of the contract, decision of the arbitrator appointed by the Government of Manipur will be binding on both parties.
13. Any further information required in this regard may be obtained on application on any working day from Inspector General of Police (Adm), Imphal, Manipur.

Sd/-
(T. Pachuau)
I.G. of Police (Adm),
for Director General of Police,
Manipur, Imphal.
