

**GOVERNMENT OF MIZORAM
POLICE HEADQUARTERS : AIZAWL**

No.B.13011/PHQ/PROV/TENDER/26-27/ 30 : Dated Aizawl, the 14th May, 2026

TENDER NOTICE NO. 1 of 2026-27

Sealed tenders are invited in two-bid system, i.e. Technical Bid and Price/ Commercial bid by the undersigned from the manufacturers/authorized distributors for purchase of following item(s) through registered post or these can be put personally in the sealed tender box kept in the Provisioning Branch of the office of the Director General of Police, Mizoram, Aizawl.

Sl. No.	Name of items	Application fee	Earnest money
1.	X-Ray Baggage Scanners with 1 year AMC for Mizoram Police	₹ 1500/- (Non-refundable)	2 % of the quoted value <i>In case of Small Scale Industries of Mizoram, it will be 1% of the quoted value.</i>

TERMS & CONDITIONS

The specifications of required items are enclosed with this notice. Tenderers are advised to quote their Rate after careful study of the tender specifications as well as the following terms and conditions:-

1. The tenders should reach the office of Director General of Police latest by **1200 hrs on 03.06.2026.**
2. Tender envelope(s) must be sealed and super-scribed "**TENDER FOR EQUIPMENT FOR MIZORAM POLICE**" and Name of tenderer & Address at bottom left of the envelope which shall be addressed to Director General of Police, Mizoram.
3. Envelope for the bid shall contain the following :-
 - (i) **TECHNICAL BID** containing sealed envelopes for each items. The word "**TECHNICAL BID for Equipment for Mizoram Police due to open on 03.06.2026 at 1:00 PM**" shall be prominently marked on the top of the envelope.
Separate Technical, quality, performance aspects, commercial terms & conditions (Technical data) for each item as per Annexure II should be sealed and are to be put in the bigger envelope i.e. Technical Bid. Name of item shall be marked on the top of each envelope.
 - (ii) **PRICE BID** containing separate sealed envelope for each item. The word "**PRICE BID for equipment for Mizoram Police**" shall be prominently marked on the top of the envelope.
Separate Financial bid for each item as per Annexure III should be sealed and are to be put in the bigger envelope i.e. Price Bid. Name of item shall be marked on the top of each envelope.

- (iii) A copy of terms and conditions duly signed by the tenderer, as a token of acceptance of the same should be attached along with the tender.
 - (iv) **Proof of their manufacturing/authorized dealership/distributorship. This is subject to verification if necessary.**
 - (v) Copy of self – attested GST registration indicating GST number or documentary evidence in case of exemption.
 - (vi) Earnest Money Deposit in the form of Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks in favour of Director General of Police, Mizoram payable at Mizoram. No interest will be given on E.M.D. No tender will be accepted without requisite E.M.D. as mentioned in tender notice.
 - (vii) Duly filled up check list as per Annexure IV.
 - (viii) The declaration that bidder has not been blacklisted by any Govt. agency within Mizoram and abroad during last 5 years. The tender will be rejected straight way without assigning any reasons if the firm is found involved in any criminal case, declared blacklisted by any Govt. / Semi Govt. department/agencies etc.
4. The TECHNICAL BIDS will be opened first on **03.06.2026 at 1:00 PM** and the PRICE BIDS of only those bids which have been found technically acceptable after scrutiny of technical bid and technical/quality evaluation of the items will be opened for which date & time will be notified accordingly.
 5. The tenderer can remain present himself or his authorized representative at the time of opening of tender.
 6. The application fee is non-refundable. In case the firm fails to attach the receipt / demand draft of application fee, the tender shall be rejected.
 7. Incomplete tender/conditional tenders will not be accepted.
 8. The bidder must have functional service centre and documentary evidence of having functional service centre must be submitted. Dedicated/toll free telephone number for service support should be attached.
 9. All SSI units registered with NSIC/DGS&D for this item as per specification are exempted from the EMD. They have to enclose valid registration document/ exemption certificate with their tender. Bid security will not be required to be taken from Undertakings, Corporations, Autonomous bodies, Registered Societies, Cooperative Societies which are controlled/managed by Government, Government Undertakings and Companies of Union Government and Government of Mizoram. However, a Bid Securing Declaration will be taken from them.
 10. The Bid security taken from a bidder shall be forfeited in the following cases, namely:- (a) when the bidder withdraws or modifies his bid after opening of bids; (b) when the successful bidder fails to deposit the Performance Security after fifteen days of the issue of offer of contract; (c) when the successful bidder fails to sign the

Contract in accordance with Bidding Document; (d) to adjust any dues against the bidder from any other contract with the Procuring Authority; (e) if the bidder breaches any provision of code of integrity prescribed for bidders in rule 64 of Mizoram Public Procurement Rules, 2020 and Rule 175 of GFR 2017.

11. Tenderer would not be permitted to alter or modify their bids after expiry of the deadline for receipt of bids.
12. The quoted price must be inclusive of all taxes and other charges, etc. No claim for taxes/charges will be entertained at a later stage. Nothing over and above the quoted price would be payable to the successful bidder. Tenderer must quote the net price both in words as well as in figures. Any over writing/cutting, etc. render the tender invalid.
13. The firm whose rates are accepted will have to deposit 5% of the total cost of the item as Performance Security in the forms of (a) Banker's Cheque of a scheduled bank (b) Bank guarantee (C) Fixed Deposit Receipt of a Scheduled Bank before the supply order is placed to the firm. Performance security should be deposited within 21 days from the date of issue of Letter of Acceptance. Formal award of contract is to be issued only after receipt of the prescribed Performance Security.
14. Performance security shall remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the supplier/contract. In case, the firm does not complete the supply within the delivery period, **liquidated damage charges will be charged @ 2% of total cost per month of the item and action will be taken to blacklisting the firm and forfeiture of its Security Money. No interest will be given on Security Money.**
15. In case the firm fails to deposit the performance security money within the stipulated time, the EMD of the firm will be forfeited.
16. The Purchase Committee, in order to satisfy itself can order on the spot enquiry to verify the soundness & capability of the item and any other information given by the tendering firms.
17. The Purchase Committee reserves the right to relax any terms and condition in the Government interest, with the approval of competent authority. The Purchase Committee reserves the right to reject any tender or all tenders without assigning any reasons thereof.
18. The rates will be valid till supply of the item is completed, in all respect.
19. The rates will be F.O.R. at Aizawl - 796001.
20. In case the firm fails to supply the item within stipulated delivery period, the item will be procured from the open market, if so desired by Purchase Committee and the difference of cost, if any, will be recovered from the Security Money and pending bills of the defaulting firm, by calling explanation after issuing notice.
21. The quantity of the items mentioned in the tender notice can be increased or decreased upto twenty five percent without any change in the unit price or other terms and conditions of the bid and bidding documents, at any stage till the delivery of consignment is completed.

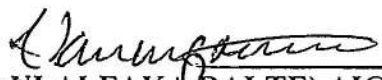
22. The payment will be made on receipt/acceptance of store in good condition as per prescribed specification. No advance payment will be made. No claim for interest in case of delayed payment will be entertained by the Department.
23. All disputes are subject to the jurisdiction of the Courts in Aizawl.
24. In case of violation of any clause of contract/agreement deed, the explanation of the firm can be called by issuing show cause notice. If the reply is not found satisfactory, Security Money can be forfeited as well as action for blacklisting can also be taken prior to taking any legal action.
25. Foreign Companies shall participate in the tender, only through their Distributors / Agent in India. No foreign company shall be entertained directly.
26. In case of any differences, the firm can be called for negotiation to patch up the differences on table prior to approaching court.
27. The bidder should carry a warranty/guarantee of subjected store for a period of at least one year.

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(VANLALFAKA RALTE) AIGP (Mod.)
for Director General of Police
Mizoram, Aizawl.

No.B.13011/PHQ/PROV/TENDER/26-27/30 : Dated Aizawl, the 14th May, 2026
Copy to :-

1. The Director, I&PR for publication in the newspaper. Gist of the tender enclosed herewith for publish in 2 (two) leading local newspaper for 2 consecutive days.
- 2/ In-Charge, Mizoram Police Website for information and necessary action.
- 3X Notice Board.


(VANLALFAKA RALTE) AIGP (Mod.)
for Director General of Police
Mizoram, Aizawl.

ANNEXURE I

TECHNICAL SPECIFICATIONS

ITEM NAME : X-RAY BAGGAGE SCANNER (SMALL SIZE) WITH 1-YEAR AMC Quantity – 4 nos.		
SN	Description	Minimum technical specification required
1.	Tunnel Size	Minimum 60cm W (width) x Minimum 40cm H (Height) or batter.
2.	Conveyor belt	Conveyor belt speed should be between 0.18 and 0.3 meter per second. Conveyor movement bidirectional.
3.	Power	All machines should operate on 230 VAC, 50Hz power supply and should be able to withstand voltage fluctuations in the range of 170V to 260 V. Single Phase, 3 to 5 Amp.
4.	Conveyor Capacity	160 kg or more
5.	Through put	Through put should be 200 bags per hour or more
6.	Sensors	Sensors > 1000 diodes, L-shaped detector (Folded array type), In case of defective diode arrays, scanning should be disabled and error message should be displayed on the screen.
7.	X-Ray Voltage	Maximum 160 KV
8.	X-Ray Source/Generator	It should be capable to operate smoothly for a period of at least six years
9.	Duty Cycle	100%
10.	X-ray beam divergence	The X-ray beam divergence should be such that the complete image at maximum size of bag is displayed without corner cuts
11.	Radiation level	The radiation level should not exceed accepted health standard (0.1m R/Hr at a distance of 5 CM from external housing). Relevant certificate from AERB.
12.	Operating temperature	The operating temperature normally should be 0 deg C to 40 deg C
13.	Storage temperature	0 degree C to 50 degree C
14.	Humidity	90% non-condensing
15.	Resolution	The machine should be able to display single un-insulated tinned copper wire of 42-SWG or 38-AWG. All penetration and resolution condition / should be met without pressing any functional key and should be online
16.	Penetration	Penetration should be 35mm thickness of steel or more
17.	Electronic Zoom facility	Continuous Electronic Zoom facility should be available to magnify the chosen area of an image eight times (8X) or more. Image features shall be keyboard controllable
18.	Video display	18.5" or better LCD Monitor SVGA High resolution, low radiation flicker free, resolution at least 1280 x 1024, 24 bit colour real time processing.

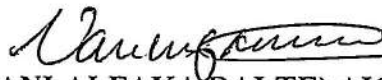
19.	Features	The machine should have features of Multi-energy X-ray imaging facility where materials of different atomic number will be displayed in different colours to distinguish between organic and inorganic materials. With this method to distinguish high density organic materials including explosives. Machine should have variable colour or materials stripping to facilitate the operator to monitor images of organic materials for closer scrutiny. All suspicious items (Explosives, High density, material narcotics) should be displayed in one mode and that should be on line.
20.	Radiation Safety	The machine must comply with requirements of health and safety regulations with regard to mechanical electrical and radiation hazards. Before installation of the machine, the supplier/manufacturer should furnish relevant certificate from Atomic Energy Regulatory Board of India regarding radiation safety. The company manufacturing the equipment should have ISO certification for manufacturing and servicing of X-ray Screening machines.
21.	Film	Safety Guaranteed safety for high-speed films up to ISO1600. The machines should be film safe. In other words photographic films must not be damaged due to X-Ray examination.
22.	Sealing	Machine should be properly sealed from all the sides for pest proof. Dust proof cover is to be provided for covering when system is not in use
23.	Facility for variable contrast	Facility for variable contrast must be incorporated to allow enhancement of lighter and darker portion of the image
24.	Machine design	The machine should be so designed that software enhancement can be easily implemented to take care of new technique in image processing and pattern recognition
25.	Report facility	Full diagnostic built in test facility. All models should have software-controlled diagnosis report facility and system should give printout if printer is connected
26.	Software features	All software features of machine should be online and password protected
27.	Recalling capability	Machine should be capable for recalling 15 or more previous images
28.	Capability of archiving	It should have the capability of archiving 3000 or more images with date & time stamp.
29.	Security housing	Control desk with security housing and locking provision should be available. The operator personal identification number can be entered the keyboard along with generation of log
30.	Image enhancement	Facility of image enhancement should be available.
31.	Online recording facility	All models should have online recording facility and images can be recorded in CD R/W or/and USB and should be able to view images so recorded on standalone PC.

32.	Safety screens	Lead impregnated safety screens should be available at either ends of the tunnel. This should be covered by relevant AERB certificate. Idle rollers to be provided at either ends of the tunnel to facilitate placing of baggage at input and output.
33.	Keyboard	All software features should be controlled from keyboard of machine only. Keyboard function should be user friendly. To enable/disable the software features system should not be rebooted.
34.	Alarm	If the machine fails to penetrate a particular item then an alarm video and audio both should be generated to notify the operator.
35.	Threat image projection (TIP)	The threat image projection (TIP) system software to be incorporated in all X-Ray BIS operation as per details given in Annexure-I
36.	Software	Copy of all software including X-Ray Software with recovery CD must be provided
37.	Operational Training	Operating staff has to be provided free training
38.	Operating & service manual	Operating & service manual shall be provided with each machine.
39.	Other Features	a) Edge & variable edge enhancement. b) Inverse Video c) Set up time not more than 10 minutes d) Pseudo colour e) Date & Time display:
40.	Minimum Computer Configuration: -	1. CPU: Should be able to deliver the output to meet the specifications mentioned as above. 2. Hard Disk Drive: 500GB 7200 rpm serial ATA HDD or Better 3. Mouse: Optical 4. Ports: 6 USB Ports (with at least 2 in Front), 1 Serial Port, 1 Parallel port, 1 PS/2 Keyboard and 1 PS2 Mouse Port, audio ports for microphone and headphone in front. 5. CD-R/RW Drive: DVD Writer. 6. Networking facility: 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up, out of band management using any standard management software.
41.	UPS	3 KVA or better online with back-up time of ½ hour to whole system.
42.	Voltage Stabilizer	5KVA Servo Voltage Stabilizer with Standard Input Range of 140V – 280V / 170V – 270V.
43.	Warranty	1 year from the date of acceptance of the item.
44.	Annual Maintenance Contract for 1 year	Scope of Work & Maintenance Services: • Contract Duration: Valid for exactly 12 months starting from the expiry of warranty period of 1 year.

		• Preventive Maintenance: Four scheduled quarterly service visits per year to clean, calibrate, and test optical and electronic components. • Radiation Safety: Annual radiation leakage testing and certification complying with national safety standards. • Corrective Maintenance: Unlimited breakdown support visits upon notification of equipment malfunction. • Response Time: Technician arrival within 24 hours from the initial logged service call. Inclusions and Spares: • Comprehensive Coverage: Includes all mechanical, electronic, and scanning components except specified consumables. • Genuine Parts: Only original manufacturer parts used for replacements at no extra cost. • Software Updates: Free installation of standard manufacturer firmware updates and system patches. Exclusions: • Consumable Items: Excludes lead curtains, conveyor belts, and external voltage stabilizers unless damaged by technician negligence. • Misuse Damage: Excludes repairs caused by vandalism, accidents, natural disasters, or unauthorized third-party tampering. • Power Issues: Excludes component burnout due to electrical fluctuations outside specified operating limits. Payment Terms & Penalties • Payment Schedule: 50% bi-annual payments within 15 days of invoice generation. • Uptime Guarantee: Minimum 95% operational availability required during standard working hours. • Penalty Clause: Penalty of ₹ 500/- per day deducted if equipment remains broken past the agreed response window.
45.	TIPS FEATURE	
	1. Threat Image Projection	Tip software facility shall be incorporated in the offered X-ray machine to assist supervisors in testing the operator alertness and training X-ray screeners to improve their ability in identifying specific threat object. The system will create a threat object and the same will be superimposed on the monitor screen while a bag is being screened. To acknowledge that the operator has seen the false object, operator must press the control panel key that will cause the computer generated threat object to disappear from X-rayed

		bag image on the VDU screen. Each operator's action shall be recorded in the hard disc of the computer for the auditing purpose by the supervisor or other authorized person.
	2. Design of the system	Tip software should be compatible with other X-ray technologies such as automatic reject unit. Dual X-Ray screen technologies, automatic treat recognition system etc. All X-ray image functions must be available at the same time along with the TIP
	3. Image Library	The image library should have an image library containing at least 100 explosives devices, 100 knives and 100 firearms in various sizes, shapes, locations and orientations. However, the system shall have facility to expand the library to incorporate additional images by user without assistance of the manufacture.
	4. Image library	The image library should contain images of threats at different orientations both plan and end on orientation should be used. Although these will be assigned different file names and references, it must be possible to cross-reference these as the same threat. All threat image Projection images must be realistic, representative and non-distinguishable from real threat items.
	5. Time Interval	Programming facility shall be available to project threat images in different intervals. The time period for threat image as well as image mix in percentage shall be user programmable e.g. software shall select 40% images of explosive devices, 35% of fire arms & 25% knives or random etc.
	6. Threat image	Once the screener has responded to identify the computer generated threat image, it should remain on the screen for a predefined user programmatic feedback message shall be visible to the screener.
	7. System Administration	The threat image projection facility shall have details of user data-base such as Department name, screener name, Organization, User ID Number, level of access Such screener, administrator, Maintenance & Password etc
	8. Restricted access	Access to start up menu should be restricted only to the authorized individuals A log-in procedure by means of Password" or "Security Key" could achieve restricted access to each of the comment. The log-in procedure should not take longer than 20 seconds. The system should have facility to by pass the TIP facility, if programmed so by the system administrator. It is to be ensured that the TIP software shall not be hindrance to normal functioning of x-ray machines.
	9. Log out message	When the operator logs-in or logs-out message should be displayed on x-ray BIS VDU Screen to confirm that the/she has been correctly logged-in or logged-out

	10.Alarm	The threat image Projection should be capable of giving feedback "HIT. MISS or FALSE ALARM" message. No message will be presented if a screener correctly passed as clear bag.
	11.Message	A "HIT" message to be presented when a screener has correctly identified a Threat image Projection Image. A "MISS": message shall be presented when screener fails to identify the TIP image. A "False Alarm" message shall be given when screener incorrectly indicate TIP image when in fact no threat image projection is present. The feedback should clearly indicate in a screen that a tip object has been correctly identified/tip object has been missed/ that a TIP object has been missed/no TIP object was present. Information should be recorded in the database.
	12.Colour coding	Different colour coding shall be used for feedback to the Screener., It is recommended that colour code "Red for MISS" Green for " HIT" and Yellow to False Alarm or interrupt" be used
	13.Daily log of events	The system shall automatically prepare the daily log of events for each shift and for each Screener performance. TIP log shall include particulars of Name of Screener, Time & date of threat image, whether threat image was successfully identified or missed etc.
	14.Report on TIP	The report on Threat Image Projection system may have date and time (From - to) as per requirement. Screener particulars, and decision/outcome i.e. MISS, HIT or False Alarm in percentage as well in absolute numbers, numbers of bags screened, categories such as explosives devices knife or weapon etc.
	15.Report retrieval	As a standard practice, daily/weekly /monthly report shall be retrieved. Report shall be for any given time and period, as per command.
	16.Data Storage	All data should be stored on the system for a minimum of two months after it has been down loaded. No individual, regardless of access rights to the Threat Image Projection components would delete or amend any of threat image Projection data or time i.e. Threat Image Projection data on the actual X-ray machine will be read only file.


 (VANLALFAKA RALTE) AIGP (Mod.)
 for Director General of Police
 Mizoram, Aizawl.

ANNEXURE - II**PROFORMA FOR TECHNICAL BID**

(Enclose with technical bid)

TENDER FOR PURCHASE OF EQUIPMENTS FOR MIZORAM POLICE

Name of item :

Date of opening.....

Time Hrs.

We _____ hereby certify that we are established manufacturers/authorized representatives of M/s _____ with factories at _____ which are fitted with modern equipment and where production methods, quality control and testing of all materials manufactured or used by us are open to inspection by the representative of the purchaser. We hereby offer to supply the following items as per specifications indicated below :

Sl. No.	Description of work/ item	Unit	Qty.	Make & Model	Technical specifications	Supporting documents
<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>
1.						
2.						
3.						

It is hereby certified that we have understood all the terms and conditions specified in the tender document and are thoroughly aware of the nature of job required to be done and goods/items to be supplied. We agree to abide by all the tender terms and conditions.

We hereby offer to carry out the job and (or) supply the goods/items detailed above or such portion(s) thereof as you specify in the notification of award.

(Signature and seal of Bidder)

Dated: _____

ANNEXURE - III**PROFORMA FOR PRICE SCHEDULE**

(Enclose with commercial bid)

TENDER FOR PURCHASE OF EQUIPMENTS FOR MIZORAM POLICE

Name of item :

Date of opening.....

Time Hrs.

We _____ hereby certify that we are established manufacturers/authorized representatives of M/s _____ with factories at _____ which are fitted with modern equipment and where production methods, quality control and testing of all materials manufactured or used by us are open to inspection by the representative of the purchaser. We hereby offer to supply the following items at the prices indicated below :

Sl. No.	Description of work/ item	Unit	Qty.	Unit Price In Indian Rupees	Extended Price In Indian Rupees	GST in Indian Rupees		Other Govt. Levies, if any (To be specified)	Incidental charges, if any (To be specified)	Price per unit (Column d+g+h+i)	Total Price FOR Destination In Indian Rupees
						%	INR				
<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>	<i>l</i>
1.											

It is hereby certified that we have understood all the terms and conditions specified in the tender document and are thoroughly aware of the nature of job required to be done and goods/items to be supplied. We agree to abide by all the tender terms and conditions.

We hereby offer to carry out the job and (or) supply the goods/items detailed above or such portion(s) thereof as you specify in the notification of award.

(Signature and seal of Bidder)

Dated: _____

CHECK LIST

Sl. No.	Type of Document	Details	Yes / No
A	<u>DOCUMENTS REQUIRED TO BE ATTACHED WITH TECHNICAL BID</u>		
1.	E.M.D. in favour of Director General of Police, Mizoram, Aizawl - 796001	Name of Bank : _____ In the form of _____ amounting to ₹ _____ or Certificate regarding registration with DGS&D, NSIC if claim EMD exemption as the case may be	
2.	GST Registration Certificate	Attach self-attested Copy of GST registration or GST Exemption Certificate as the case may be.	
3.	Authorization letter / certificate	Copy of OEM certificate/authorized distributorship/dealership.	
4.	Signed copy of T&C	Copy of terms and conditions duly signed with seal of the firm, in token of acceptance of terms and conditions.	
5.	Application fee	Receipt or demand draft for who have downloaded from the website as the case may be.	
6.	Declaration	Declaration that bidder has not been blacklisted by any Govt. agency within Mizoram and abroad during last 5 years.	
7.	Service & Support	Documentary proof of having Functional Service Centre. Dedicated/toll free telephone number for service support.	
B	<u>DOCUMENTS REQUIRED TO BE ATTACHED WITH COMMERCIAL/PRICE BID</u>		
1.	PRICE BID shall contain price only and no other documents shall be enclosed with the price bid.		

SIGN. OF TENDERER _____

NAME IN BLOCK LETTERS: _____

FULL ADDRESS : _____

SEAL

TENDER FORMAT
TENDER FOR PURCHASE OF EQUIPMENTS FOR
MIZORAM POLICE

1. NAME OF THE FIRM : _____
2. CORRESPONDENCE ADDRESS
WITH TELEPHONE AND FAX NO : _____
3. LOCAL ADDRESS WITH TELEPHONE
AND FAX NO. : _____
4. WHETHER REGISTERED WITH NSIC
/ DGS&D IF YES ATTACH COPY : _____
5. GST REGISTRATION & GST
CLEARANCE CERTIFICATE : _____
6. COPY OF AUTHORISED DISTRIBUTOR
/ DEALERSHIP/MANUFACTURER : _____
7. SPECIFICATIONS OF THE SYSTEM
ALONGWITH LITERATURE/BROCHURE: _____
8. APPLICATION FEE : _____
9. EARNEST MONEY DETAIL : _____
10. COPY OF TERMS AND CONDITION
DULY SIGNED : _____

SIGNATURE OF THE TENDERER
WITH STAMP.

