



**OFFICE OF THE
SUPERINTENDENT OF POLICE
PURBA MEDINIPUR WEST BENGAL
GOVERNMENT OF WEST BENGAL**

TENDER REFERENCE NO:NIQ-1/3147/E/2025-26

Memo No. 3147/E

dtd. 08.05.2025

The Superintendent of Police, Purba Medinipur, West Bengal invites e-Tender from bonafide and reputed companies / dealers / firms for supply, delivery, installation and transportation of the following item :-

Sl. No.	Item	Quantity
1.	DOOR FRAME METAL DETECTOR/ WALK THROUGH METAL DETECTOR (FIXED TYPE) (Supply, delivery, transportation, installation and maintenance of the item)	10 Nos.
Quantity may be increased or decreased by 30%.		

TERMS & CONDITIONS

1. Specification / QR:

TECHNICAL

SPECIFICATION FOR MULTIZONE DOOR FRAME METAL DETECTOR

S.NO.	PARAMETERS
1	<u>Detection</u> (i) The system should be capable of detecting ferrous, non-ferrous and alloy metals concerned in the body of a person when passed through the archway. Metals like 9mm live bullet, Stainless steel knife, Razor Blade, Capacitor, etc., should be easily detected in the centre zones top to bottom without any false alarms. (DFMD must comply to MHA/NIJ 0601.02 Standards) (ii) Uniform detection from top to bottom is required. (iii) Should be able to detect multiple metal objects of various weight, size and shape in all the zones simultaneously from head to toe as per the user requirement.
2	<u>Passage Dimension:-</u> Height -Min 200cm Breadth -Min 72cm Width -Min 57cm
3	<u>Throughput rate:</u> Uniform detection from top to bottom with throughput rate as 25 people per minute.
4	<u>Speed of Passage:</u> Performance of the DFMD should be independent of the speed of person passing through. This is particularly important as a person's foot may swing through the archway without touching the ground or may come to rest on the ground between the archway pillars.
5	<u>Central Control Unit:</u> Password protected keypad provided for program settings.
6	<u>Weight:-</u> 80Kg maximum
7	<u>Powersupply:-</u> <u>Mains:</u> 230 VAC \pm 10 %/50 Hz <u>Battery:</u> Re-chargeable, maintenance free, internal battery with charger
8	<u>Low Battery indication:</u> Audio and Visual
9	<u>Alarming:</u> Audio and Visual alarm (i) There should be acoustic and optical alarm with alphanumeric displays, height on person bar display (Metal locator) and low battery indication. (ii) There should be a provision for suitable setting for adjustment of volume of the audible alarm to overcome the ambient noise present in the vicinity.
10	<u>Sensitivity</u> DFMD should have multi zone capability with uniform sensitivity in all zones.

11	<u>Zones:-</u> Multiple Zones (Min. 8 zones) i.e. not less than 8 realhorizontal detection zones, covering full height of the equipment.
12	<u>Calibration:-</u> DFMD shall have inbuilt feature of both manual and automatic calibration.
13	<u>Security:</u> <ul style="list-style-type: none"> • There should be a provision to secure the access to the control unit by a password protected alpha numeric keypad. • DFMD Should reset itself within 3 secs after alarm condition. • Unit should have traffic and alarm counter. The equipment should work in bidirectional mode.
14	<u>Type of Usage:</u> Outdoor
15	<u>False alarm rate:</u> Less than 3%.
16	<u>Interference Suppression:</u> Should not interfere with adjacent installed DFMDs Total immunity to environmental/radio signals Optimum compensation for external stationary metal.
17	<u>Traffic Light indicator:</u> Walk/Stop indicator
18	<u>Audio-Visual Detection:</u> Side Panels and Control Panel
19	<u>Door Frame Construction:</u> <ol style="list-style-type: none"> a.) Construction of door frame (Walk through arch) : Light weight, rigid, laminated side panels and cross piece with ABS plastic boots for panel protection. b.) Material of walk through arch: FIBER c.) Should be provided with a floor panel to attract both side panels to give stability and rigidity to the structure d.) Should be water proof e.) Should be weather proof (at least IP 55 standards compliant)

20	<p><u>Health and Safety:-</u></p> <ul style="list-style-type: none"> (i) Magnetic field should be harmless to magnetic media, electronic devices and should be film safe, (Supplier shall submit test certificate from national/international accredited lab). (ii) Operation of DFMD shall not be affected by infrared, ultraviolet, electromagnetic or RF radiation. Offered equipment shall comply with CE or equivalent safety/ immunity standard (Supplier shall submit test certificates from national/ international accredited lab). (iii) DFMD should be harmless to pacemaker and pregnant woman (Suppliers shall submit test certificate from national/ international accredited lab as per ICNIRP guidelines).
21	<p><u>Operating Temperature:-</u></p> <p>DFMD shall work satisfactorily without any deterioration in performance within the temperature range of -5 °C to +55 °C, RH up to 90% non-condensing.</p>
22	<p><u>Accessories to provide:-</u></p> <ul style="list-style-type: none"> (i) Operating manual for the user. (ii) Standard test Piece (STP) for testing of equipment to be provided by the supplier with each equipment. (iii) Should include in the scope of supply: Training tools-charts, slides, training brochure, training work model, blowup diagram, video films on demonstration and use etc. (iv) Should include in the scope of supply: Practice trainings of 1 day.
23	<p><u>Warranty, AMC, after sale service & availability of spare parts:</u></p> <ul style="list-style-type: none"> ➤ 03 (three) years onsite comprehensive Warranty period including battery. To provide services at the site of installation in Purba Medinipur district. ➤ An undertaking for providing 03 years onsite comprehensive AMC after expiry of the warranty period of 3 years. The details are given in S.No. 13 of the tender document. The firm should have service centre/authorised agency for servicing in Kolkata. ➤ Should undertake to provide maintenance/spares support for 07 years after warranty.
24	<p><u>Others:</u></p> <ul style="list-style-type: none"> • Magnetic field should be harmless to magnetic media, electronic devices i.e. users of heart pacemakers etc. of pregnant women. (Supported by Test Certificate from NABL (India) or other accredited labs from the country of origin of the equipment), and (By a Govt. recognized Medical Institute). • Should not be effected by opening / closing of a metallic gate in vicinity. • Should not effected by heavily reinforced floors. • Should not be effected by external RF transmission and EMI (Supported by Test Certificate from NABL (India) or other accredited labs from the country of origin of the equipment). • There should be Availability of test Report from NABL/ILAC accredited or central

	government lab to prove conformity of products to the specification.
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2. Desired QRs / Specifications along with details e-tender notice for the above items are available in the website <http://wbtenders.gov.in> Intending bidders will download/ fill up the tender with the help of Digital Signature Certificate.
3. Both Technical Bid and Financial Bid are to be submitted concurrently duly digitally signed in the website <http://wbtenders.gov.in>. Submission of Technical Bid and Financial Bid will be done as per Time Schedule stated below –

Date and Time Schedule:

Sl. No.	Particulars	Date & Time
	Date for Upload and Download of N.I.T. & other Documents Publishing Date (online)	08.05.2025
	Bid submission start date (Online)	08.05.2025
1.	Last date of submission of original copies for the Tender Documents (online)	22.05.2025 till 17.00 hrs.
	Bid Submission closing (Online)	22.05.2025 till 17.00 hrs
	Bid opening date for Technical Proposals (Online)	24.05.2025
	Date of Technical Evaluation / Demonstration of Equipment at the Purba Medinipur district Police Lines, Nimtouri Tamluk-721648	26.05.2025
	Date of uploading the final list of Technically Qualified Bidder (online) after disposal of appeals, if any.	<i>Will be uploaded after technical bid evaluation</i>
	Date for opening of Financial Proposal (Online)	<i>Will be uploaded after technical bid evaluation</i>

4. The **FINANCIAL OFFER** of the prospective tender will be considered only if the **TECHNICAL BID** of the tender, demonstration and evaluation test of their equipment is found qualified by the 'Tender Evaluation Committee'. The decision of the 'Tender

Evaluation Committee' will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.

5. Documents should be submitted in Technical folder :-

- (a) Technical specifications of your quoted model and NIT etc. Parameter wise statement signed with reference to QRs / specifications given showing how far the tender items satisfy each such parameter.
- (b) The Bidders must submit a **‘Non-Blacklisting Declaration’** of their firm in any states within India. No “Black-Listed” firms will be entertained.

Sl. No.	Category Name	Sub-Category Description	Detail(s)
A.	Certificate(s)	Certificate(s)	PAN, P Tax, GST, Income Tax Return of last 3 FY
B.	Company Detail(s)	Organization Details	<p>Proprietorship Firm (Trade License)</p> <p>Partnership Firm.</p> <p>(Partnership Deed, Trade License)</p> <p>Ltd. Company</p> <p>(Incorporation Certificate, Trade License)</p> <p>Society</p> <p>(Society Registration Copy, Trade License)</p> <p>Power of Attorney.</p>
C.	Credential	<p>Credential – 1</p> <p>Credential – 2</p> <p>Credential – 3</p>	<p>(i) List of the govt. organizations where quoted product been supplied (Supply Order) in last 03 financial years including rates.</p> <p>(ii) Proof of service centre/authorised servicing agency in West Bengal and other locations, Address, Telephone Number, Fax, Email particulars, and include full particulars of the Service Engineer.</p> <p>(iii) Proof of annual turnover of not less than ₹ 40 lacs per annum in last 3 financial years.</p> <p>(iv) Undertakings as listed in S.No. 12 and 13.</p>

		Credential – 4	
D.	Man Power	Technical Personnel	List of Technical Staffs along with Structures & Organization (as per N.I.T.)

(c) **Earnest Money** Deposit of Rs. 2,00,000/- (Rupees two lacs only)

Process of Earnest Money Deposit through offline instruments like Bank Draft, Pay Order etc. will be stopped for e-tender procurement. Necessary Earnest Money will be deposited by the bidder electronically: **online –through his net banking enabled bank account**, maintained at any bank **or: offline – through any bank by generating NEFT/ RTGS challan from the e-tendering portal**. Intending Bidder will get the Beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e-Proc Ref No.

Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site. Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD.

No exemption for depositing Earnest Money (E.M.D.) will be entitled for any NSIC / SSI unit registered firm except SSI /MSME unit of State of West Bengal.

6. **FINANCIAL PROPOSAL**

- (a) The financial proposal should contain the following documents in one cover (folder) i.e. Bill of Quantities (BOQ). The contractor is to quote the **unit wise rate** online through computer in the space marked for quoting in the BOQ.
- (b) Price quoted should be valid for a period of **twelve months (365 days)** from the date of opening of tender. The price should be inclusive of all taxes, custom duties, delivery charges and other ancillary costs, if any.
- (c) As per Section 194(C) of Income Tax act, 2% TDS will be deducted during payment.

7. PERIOD OF SUPPLY AND INSTALLATION:

Within 7 days of the work/supply/purchase order being given. No extra cost will be paid to the supplier for transportation of the said equipment to the place of installation. Likewise, no extra cost will be paid for the demonstration/inspection of the equipment during technical evaluation.

Late Delivery – If supply of the aforesaid items is not delivered within the stipulated period, penalty / Late Delivery shall be charged @ 2 % of the total value per week and maximum upto 10%.

- 8.** 3days prior information should be given to this office before delivery. The place of delivery and installation will be Digha Jagannath Temple Complex at Digha, Purba Medinipur, West Bengal, PIN-721463.

9. TENDER EVALUATION COMMITTEE

The **FINANCIAL OFFER** of the prospective tender will be considered only if the **TECHNICAL BID** of the tender, demonstration and evaluation test of their equipment is found qualified by the 'Tender Evaluation Committee'. The decision of the 'Tender Evaluation Committee' will be final and absolute in this respect. The summary list of Qualified Bidders will be displayed in the website.

10. SECURITY DEPOSIT

On receipt of Award of Contract (AOC) / supply order from the Department, the successful bidder shall submit the Security Deposit @ 10% of the total amount in the form of Bank Guarantee from a nationalized Bank in acceptable form in favour of **“WB Govt Pooling A/C For Performance Guarantee”**, A/C no- 000605030134, IFSC code- ICIC00000006, MICR code- 70229002, Branch- ICICI Bank, 22 RN Mukherjee Road, Kolkata-700001 within 5 (Five) days from issuing of supply order. Security deposit will also treat as performance guarantee and shall valid for the period of three (03) years of warranty period from the date of delivery.

If the bidder fails to provide the said security deposit within stipulated period, such failure shall amount to a breach of the contract and the 'Superintendent of Police, Purba Medinipur' shall be entitled to make other arrangements at the bidders risk and cost without giving any further notice to him and in addition, forfeit the earnest money of the contractor. Non performance of the supplied equipment or any part there of or non meeting of any condition mentioned in this notice would allow the purchaser to forfeit the

guarantee amount. The decision of the Superintendent of Police, Purba Medinipur shall be final in this respect.

11. PAYMENT TERMS

Payment will be made to the successful bidders on door delivery, installation and successful inspection of the equipment by the Technical Committee. Handing over certificates will be issued after successful installation and inspection of the equipment by the technical evaluation committee. The payment will be made by the competent authority after submission of handing over certificates.

12. WARRANTY

1. The bidder shall provide undertaking in a Non judicial stamp paper of Rs 100/- of onsite comprehensive warranty of **03(three)** years. In case of trouble in equipments, response & repair should be given within 24 hrs of complaint. To provide service at the site of installation within the Purba Medinipur district, West Bengal during the warranty period. Sufficient spares should be available in stock of the supplier and certificate for availability of spares for at least 07 years after warranty period.
2. The warranty period for the equipment will commence from the date of successful delivery /installation of the equipment.

13. ANNUAL MAINTENANCE CONTRACT

The tenderer should undertake on a Non-judicial Stamp Paper of ₹ 100 that they will provide the Annual Maintenance Contract (on-site) for 3 years after the expiry of the warranty period of 3 years. They will participate in the tender/quotation process for the AMC as floated by the competent authority during the course of time. In case, there are no other vendors for providing the AMC, then it shall be the responsibility of the supplier to undertake the AMC for 3 years after the expiry of 3 years. The annual financial implication of the AMC contract shall not exceed 10 % of the value of the item supplied. In case the bidder fails to undertake the same in the non-judicial stamp paper, it will be assumed that the tenderer is not interested to take up the AMC and hence the bid/offer will be summarily rejected as a whole.

14. TRAINING

Further, they have to provide training to technical/Police staff, during delivery of the equipment. Training manual in five hard copies and two soft copies containing details of technical specifications, trouble shooting and maintenance schedule, etc., shall be supplied along with the equipment, free of cost. Refresher training for three times shall also be provided, if requested, within 3 years of the installation of the product. No extra cost/allowance will be paid for the same.

15. ACCEPTANCE

The price bid of those tenderers/bidders who qualify in the technical evaluation (physical testing, inspection and demonstration of the equipment) will be opened. L1 will be accepted after negotiation, if required.

The successful bidder shall have no right to assign or sublet any part of the bid, once it is awarded to him.

The undertaking as listed in S.No. 13 is a sine qua non while deciding the successful tenderer. At the time of acceptance, only the cost of the equipment including taxes will be paid to the eligible bidder. The cost for annual maintenance contract will be paid as per the tender/quotations to be done in future as referred in S.No. 13.

16. APPLICABLE RULES

Purchase / contract of above items shall be governed by the relevant Rules of Government of West Bengal which will be binding on the firm / tender.

17. CANCELLATION / MODIFICATION

The Superintendent of Police, Purba Medinipur, Govt. of West Bengal reserves the right to reject any or all the tenders without assigning any reason thereof.

18. QUERIES IN CONNECTION WITH THE TENDER:

For any queries in connection with the tender, the Head Accountant, Police Office may be contacted (+91-9735204502) from Monday to Friday from 10.00 hrs to 17.00 hrs. Emails can also be sent on sppurbamedinipur@gmail.com or sp-purbamidnapur@nic.in

**Sd/-
Superintendent of Police
Purba Medinipur
West Bengal**

Memo No: 3147/1(8)/2025-26

Dated: 08 / 05 /2025

Copy forwarded for information and necessary action to:-

- 1) The Director General and Inspector General of Police, West Bengal
- 2) The Director of Security, West Bengal
- 3) The Additional Director and Inspector General of Police (Law and Order), West Bengal
- 4) The Additional Director and Inspector General of Police (Western Zone), West Bengal
- 5) The Inspector General of Police (Organisation), West Bengal
- 6) The Managing Director, WBHIDCO Ltd.
- 7) The District Magistrate, Purba Medinipur
- 8) The Members of the Technical Evaluation Committee

Sd/-
Superintendent of Police
Purba Medinipur
West Bengal