

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	10-05-2025 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	10-05-2025 11:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Kerala
Department Name/विभाग का नाम	Home Department Kerala
Organisation Name/संगठन का नाम	Police Department
Office Name/कार्यालय का नाम	Police Headquarters
क्रेता ईमेल/Buyer Email	jsmodphq.pol@kerala.gov.in
Total Quantity/कुल मात्रा	10
Item Category/मद केटेगरी	Door Frame Metal Detector (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	30 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	100 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Past Performance,Bidder Turnover,OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	Yes

Bid Details/बिड विवरण	
Past Performance/विगत प्रदर्शन	30 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Comprehensive Maintenance Charges Required	Yes
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	3 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value/अनुमानित बिड मूल्य	7500000
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	75000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	62

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

Junior Supdt
Police Headquarters, Home Department Kerala, Police Department,
(Pratheep R)

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	No
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MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Door Frame Metal Detector (10 pieces)**Technical Specifications/तकनीकी विशिष्टियाँ**

[* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
TYPE / CAPACITY	Type of usage	Outdoor
	Detection Zones	Multiple Zone
	Number of Horizontal Detection Zones covering full Height	16

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
DOOR FRAME CONSTRUCTION	Material of Walk-through Arch	POLYCARBONATE
	Provided with base wheels for easy mobility	Yes
	Provided with a floor panel to attach both side panels to give stability & rigidity to the structure	Yes
	Ramp over the floor panel - Covered with synthetic carpet for long life	Yes
	Water proof	Yes
	Weather proof	Yes
ALARM / INDICATION / DISPLAY	Bar Display to indicate Metal location w r t Height on person	Yes
ENVIRONMENTAL	Operating Temperature Range (Degree C)	Minus 20 to Plus 55 Degree C
POWER SUPPLY / BATTERY	Battery	Re-chargeable, maintenance free, internal battery with charger
	Battery Back-up in full function (hours)	16.0 (hour)
ACCESSORIES	Practical training	3 Days
	Availability of Spares for a period of 7 years after the warranty period	Yes
	Ruggedized polypropylene shock proof container compliant to IP 65 or better for safe transportation of the equipment	Yes
WARRANTY	Warranty (Years)	5 Or higher (year)
CERTIFICATION	Availability of Test Report from NABL/ ILAC accredited or Central Government Lab to prove conformity of products to the specification	Yes

Comprehensive Maintenance	
Warranty of required product	5 Year
Comprehensive Maintenance Duration (Post Warranty)	3 Year

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Additional Specification Parameters - Door Frame Metal Detector (10 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Added in the Additional Terms and conditions	Added in the Additional Terms and conditions

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	K C Ceynoy	695033,Opp. South Zone ADGP Office & IGP Trivandrum office, Nandavanam,Thiruvananthapuram	10	25

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. Service & Support

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

3. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

Chief Store Keeper
Police Chief Stores
Nandavanam
Palayam
Thiruvananthapuram Kerala
.

4. **Turnover**

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

5. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Assistant Inspector General of Police Procurement
payable at
Thiruvananthapuram
.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

6. **Generic**

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

7. **Generic**

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 7 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

8. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

9. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

10. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

SPECIFICATION OF DOOR FRAME METAL DETECTOR (Multi Zone)

1. Detection

(i) The system should be capable of detecting ferrous, non-ferrous and alloy metals concealed in the body of a person when passed through the arch

way.

(ii) Uniform detection from top to bottom is required. Should be able to detect multiple metal objects of various weight, size and shape in all the zones simultaneously from head to toe.

2. Passage Dimensions

Height – Min 200 cm

Breadth – Min 72 cm

Width – Min 57 cm

3. Speed of passage

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.

4. Weight – Maximum 80 Kg

5. Power supply 100-260 V AC, 50-60 Hz, 12-24 VDC, should be provided with internal battery back up for 6 hours minimum in operational condition.

6. Alarm indication

(i) There should be Acoustic and Optical alarm with alphanumeric display, 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.

7. Sensitivity

DFMD should have multizone capability with uniform sensitivity in all zones.

8. Zones

Not less than 8 real horizontal detection zones, covering full height of the equipment.

9. Calibration

DFMD shall have inbuilt feature of both manual and automatic calibration.

10. Security

(i) There should be a provision to secure the access to the control unit by a password protected alpha numeric keypad.

(ii) DFMD should reset itself within 3 seconds after alarm condition.

(iii) Unit should have traffic and alarm counter. The equipment should work

in bidirectional mode.

11. Other features

(i) High discrimination between small masses and personal metallic objects .

12. Static metal compensation

DFMD installed close to fixed sheet or pieces of metal, which form part of the building or its fittings. The DFMD should compensate for the presence of such metal and its performance should not be degraded by the presence of metal as stated above.

13. Health and safety

(i) Magnetic field should be harmless to magnetic media, electronic devices and should be film safe (Supplier should submit test certificates from NABL).

(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 NABL)

(iii) DFMD should be harmless to pacemakers and pregnant women (Supplier shall submit test certificates from national / international accredited lab as per International Commission on Non- Ionizing Radiation Protection (ICNIRP) guidelines).

14. Interference Rejection

(i) Interference, which is 'mains-borne' or radiated by an external source, should not cause the DFMD to raise the alarms spuriously. It should be possible to use equipment such as radio, portable telephone, walkie-talkie sets, X-ray monitors etc. at a distance of one meter from the archway without causing spurious alarms.

15. Operating Temperature

DFMD shall work satisfactorily without any deterioration in performance within the temperature range of -20 to +55°C, RH up to 90% non condensing.

16. Accessories to provide

(i) Operating manual for the user

(ii) Standard test piece for testing of the equipment to be provided by the supplier with each equipment.

(iii) Should have ruggedized Polypropylene shock proof container for safe transportation of product compliant to IP-65 and latest Mil Std.

Other specifications

1. The sound produced while detecting any of the metal particle may be in such a manner that the intensity of the sound must vary according to the thickness of the metal passing through the equipment.
2. The detection of the particular equipment must not affect the detection made by another equipment which is kept at a distance of 1 feet.
3. The equipment must be capable for detecting in distinct zones on either side of the panels.
4. The equipment should have a ruggedized carrying case in order to avoid wear and tear while transportation.

Additional terms and conditions

1. Manufacturer authorization form/certificate shall be produced at the time of Technical evaluation process.
2. Bidder undertaking/details
 - a. The make, model and OEM part number of the products including sub components offered including warranty must be submitted during BID along with the Product Brochure and Data Sheet.
 - b. All components and accessories should be 100% factory integrated and, if not separate warranty certificate for additional components should be submitted.
 - c. Online support registration based on product serial number has to there in the OEM website.
 - d. Availability of model and data sheet in OEM website.
 - e. OEM/authorized agency should have direct sales office and service support centers across the country preferably in Kerala with OEM trained and certified Engineers. Relevant document has to be submitted along with the BID.
 - f. OEM/authorized agency should provide relevant documents or service escalation matrix in state or country specifying the names of Managers at various levels such as L1, L2, L3.
 - g. Bidder should ensure that the quoted items are not declared "end of support/maintenance" for the next six years.
 - h. Before supply all the parameters has to be tested and certified and an undertaking has to be given in this matter.
3. The vendor should facilitate the visit of Technical Committee for inspection of the product before its final supply.

4. Structural deformities not affecting the performance has also to be covered under Warranty.
5. The vendor shall supply the same products including its make/model which they had produced at the time of demo before the Technical Committee, ie, the product demonstrated and the product supplied shall be the same.
6. Any discrepancy noticed in the supply of the product will not be accepted till the replacement is being made by the vendor. Also 1% of the total value of the product will be deducted from the date on which the matter was informed to the vendor via e-mail by the buyer till the day replacement is being made.
7. Maintenance service shall be done by OEM Certified Engineers.
8. OEM Certified Engineers should train the staff of the purchaser regarding usage and its maintenance.
9. Pre-qualification criteria: The bidders shall have earlier supplied this equipment to any of the reputed Security Organizations such as NSG, SPG, CAP F, Defense Forces, Paramilitary Forces and to Airports during the last 10 years.
10. If the equipment is having radioactive or any other source that mandate AERB certification /type approval, bidder shall submit AERB certificate along with Technical bid.
11. Buyback - An undertaking is to be submitted by the bidder stating that the buyback of the equipment supplied once the life cycle of the product comes to an end and mention the price of buyback.
12. Regarding DFMD the equipment shall be easy to assemble & dismantle at the time of operations, ideally within 30 minutes.
13. The product should be durable and complaint free and a certificate shall be produced by the vendor at the time of supply of the Security equipments purchased.
14. If the equipment needs repairs, it shall be carried out within a week from the date of receipt of intimation. If more time is required for repairs the vendor shall make alternate arrangements including replacing the equipment till the original equipment got repaired.
15. Miscellaneous: The firm should be able to provide the following things along with the equipment at the time of supply :
 1. Special maintenance tools
 2. Training aggregate – charts, slides, training brochure, training work model, blow up diagram, video films etc.
 3. Technical manual containing full description of the product.
 4. Users manual and literature on preservation/maintenance etc (in English

)

5. Procedure for packing, handling/transportation/storage

16. The supplier should have well-equipped office / workshop for maintenance with qualified Engineers for repairs/ service.

17. Periodical service- Minimum once in three months during warranty period. Minimum 5 years warranty has to be executed for the equipment, batteries, charger and for other all accessories.

18. The Firm should provide Comprehensive AMC for a minimum period of 3 years after the expiry of warranty period.

19. Comprehensive AMC should be expressed as percentage of the total product value (TPV) separately for each year.

20. Tenders will be evaluated based on the net liability to the Department which includes Product cost and Comprehensive AMC cost.

Other conditions

1. All Bidders who quote for the supply of DFMDs are required to be ready for live demonstration to be held at Police Headquarters, Thiruvananthapuram.

2. Payment will be released only after verification of the equipment by a verification board of the Department.

11. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

12. Warranty

Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

13. Generic

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

14. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

15. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

Assistant Inspector General of Police Procurement
payable at
Thiruvananthapuram

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

16. **Warranty**

Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

17. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

Additional Clause For Comprehensive Maintenance Charges

- 1.CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months or as per user requirement. Cost of consumables shall not be included in CMC.Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- 2.CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.
- 3.GST shall be included in the CMC Charges quoted.
- 4.Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula.A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on Net Present Value.
- 5.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.
- 6.While creating a bid or RA, buyers shall indicate whether CMC is required against Yes/No" options. If CMC Charges are included, an option for number of years for CMC required after the warranty period shall be available.Under this option up to 10 years can be chosen for CMC charges beyond warranty period.
- 7.In case the bid has a provision for CMC, the warranty of the product will also be deemed to have been converted into Comprehensive warranty including preventive maintenance and calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, during the Warranty Period also. Sellers are therefore advised to include the cost of Comprehensive Warranty including spares (excluding consumables) also in product Cost.
- 8.The CMC functionality shall be available in bid only and no direct RA shall be applicable.In case of bid to R/A decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

8.1.Buyer shall indicate number of years of warranty by selecting different options available in the field depending on warranty parameter applicable in category parameters for the equipment. No. of years of warranty indicated here shall supersede the warranty period indicated elsewhere in bid or product specifications. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable, if 5 year CMC selected:

- CMC charges for 1st year after warranty period- Percentage to be indicated- A1
- CMC charges for 2nd year after warranty period- Percentage to be indicated- A2
- CMC charges for 3rd year after warranty period - Percentage to be indicated- A3
- CMC charges for 4th year after warranty period - Percentage to be indicated- A4
- CMC charges for 5th year after warranty period - Percentage to be indicated- A5

Similarly, A6 to A10 are to be indicated for 6th to 10th year of CMC if applicable.

8.2.The calculation of CMC Charges shall take into account the number of years of warranty and duration of CMC as specified while creating bid.

8.3.In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below includingCMC and then show the inter-se-ranking of the bidders. The following are the variables

- (i) Number of years for which CMC required.
- (ii) Number of years of product warranty

The formula for calculating total cost including CMC charges shall be as under:

Total Cost for evaluation=

$C + C * \{ (A1/100)/(1.10^n) + (A2/100)/(1.10^{n+1}) + (A3/100)/(1.10^{n+2}) + (A4/100)/(1.10^{n+3}) + (A5/100)/(1.10^{n+4}) \}$ and so on

C – Cost for equipment quoted and n shall be number of years of product warranty specified.

If 2 year warranty specified, n shall be 2 and if 5 year warranty specified, n shall be 5. A1,A2, A3, A4& A5shall depend on how many years CMC selected. For 3 yearCMC, only A1,A2 and A3 factors are to be taken into account and A4 and A5 will not be applicable.

8.4.CMC charges offered for each subsequent year should be same or higher than preceding year.

8.5.The CMC charges shall be offered within range of 3 to 10% of cost of equipment.

9.Since CMC charges are to be paid only later for each year during CMC period,applicable performance guarantee amount after placement of contract shall be based on the cost of equipment excluding the cost of CMC Charges.

10.Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable between 2.5% to 10% as specified in bid on total CMC Charges.The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due

verification. Bank guarantee for CMC is to remain valid till completion of CMC period plus one year. The bank guarantee for CMC shall be submitted to buyer directly. In case, seller fails to submit the PBG or does not provide services for the CMC contract after expiry of warranty period then PBG of equipment shall be forfeited.

11. In case of splitting of order quantity, equipment cost and CMC charges offered by L1 bidder shall be matched by higher quoting eligible bidders on one-to-one basis. The equipment cost and CMC charges (year to year) shall be matched individually.

12. The CMC Contract shall be an offline contract to be handled by buyer. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

13. CMC Charges are inclusive of all the charges for Transportation, Lodging, Boarding, all insurances including third party insurance and all other incidental charges. The same shall include GST. The prices also include cost of spares and damaged parts. Purchaser does not have any liability, whatsoever, over and above the cost of CMC. It also includes for arranging hand tools & tackles, special tools etc. required to carry out the work.

All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws. / जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

SPECIFICATION OF DOOR FRAME METAL DETECTOR (Multi Zone)

1. Detection

- (i) The system should be capable of detecting ferrous, non-ferrous and alloy metals concealed in the body of a person when passed through the archway.
- (ii) Uniform detection from top to bottom is required. Should be able to detect multiple metal objects of various weight, size and shape in all the zones simultaneously from head to toe.

2. Passage Dimensions

Height – Min 200 cm

Breadth – Min 72 cm

Width – Min 57 cm

3. Speed of passage

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.

4. Weight – Maximum 80 Kg

5. Power supply 100-260 V AC, 50-60 Hz, 12-24 VDC, should be provided with internal battery back up for 6 hours minimum in operational condition.

6. Alarm indication

- (i) There should be Acoustic and Optical alarm with alphanumeric display, 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.

7. Sensitivity

DFMD should have multizone capability with uniform sensitivity in all zones.

8. Zones

Not less than 8 real horizontal detection zones, covering full height of the equipment.

9. Calibration

DFMD shall have inbuilt feature of both manual and automatic calibration.

10. Security

- (i) There should be a provision to secure the access to the control unit by a password protected alpha numeric keypad.
- (ii) DFMD should reset itself within 3 seconds after alarm condition.
- (iii) Unit should have traffic and alarm counter. The equipment should work in bidirectional mode.

11. Other features

- (i) High discrimination between small masses and personal metallic objects.

12. Static metal compensation

DFMD installed close to fixed sheet or pieces of metal, which form part of the building or its fittings. The DFMD should compensate for the presence of such metal and its performance should not be degraded by the presence of metal as stated above.

13. Health and safety

- (i) Magnetic field should be harmless to magnetic media, electronic devices and should be film safe (Supplier should submit test certificates from NABL).
- (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 NABL)
- (iii) DFMD should be harmless to pacemakers and pregnant women (Supplier shall submit test certificates from national / international accredited lab as per International Commission on Non- Ionizing Radiation Protection (ICNIRP) guidelines).

14. Interference Rejection

- (i) Interference, which is 'mains-borne' or radiated by an external source, should not cause the DFMD to raise the alarms spuriously. It should be possible to use equipment such as radio, portable telephone, walkie-talkie sets, X-ray monitors etc. at a distance of one meter from the archway without causing spurious alarms.

15. Operating Temperature

DFMD shall work satisfactorily without any deterioration in performance within the temperature range of -20 to ++55⁰ C, RH up to 90% non condensing.

16. Accessories to provide

(i) Operating manual for the user

(ii) Standard test piece for testing of the equipment to be provided by the supplier with each equipment.

(iii) Should have ruggedized Polypropylene shock proof container for safe transportation of product complaint to IP-65 and latest Mil Std.

Other specifications

1. The sound produced while detecting any of the metal particle may be in such a manner that the intensity of the sound must vary according to the thickness of the metal passing through the equipment.

2. The detection of the particular equipment must not affect the detection made by another equipment which is kept at a distance of 1 feet.

3. The equipment must be capable for detecting in distinct zones on either side of the panels.

4. The equipment should have a ruggedized carrying case in order to avoid wear and tear while transportation.

Additional terms and conditions

1. Manufacturer authorization form/certificate shall be produced at the time of Technical evaluation process.

2. Bidder undertaking/details

a. The make, model and OEM part number of the products including sub components offered including warranty must be submitted during BID along with the Product Brochure and Data Sheet.

b. All components and accessories should be 100% factory integrated and, if not separate warranty certificate for additional components should be submitted.

- c. Online support registration based on product serial number has to there in the OEM website.
 - d. Availability of model and data sheet in OEM website.
 - e. OEM/authorized agency should have direct sales office and service support centers across the country preferably in Kerala with OEM trained and certified Engineers. Relevant document has to be submitted along with the BID.
 - f. OEM/authorized agency should provide relevant documents or service escalation matrix in state or country specifying the names of Managers at various levels such as L1, L2, L3.
 - g. Bidder should ensure that the quoted items are not declared "end of support/maintenance" for the next six years.
 - h. Before supply all the parameters has to be tested and certified and an undertaking has to be given in this matter.
3. The vendor should facilitate the visit of Technical Committee for inspection of the product before its final supply.
 4. Structural deformities not affecting the performance has also to be covered under Warranty.
 5. The vendor shall supply the same products including its make/model which they had produced at the time of demo before the Technical Committee, ie, the product demonstrated and the product supplied shall be the same.
 6. Any discrepancy noticed in the supply of the product will not be accepted till the replacement is being made by the vendor. Also 1% of the total value of the product will be deducted from the date on which the matter was informed to the vendor via e-mail by the buyer till the day replacement is being made.
 7. Maintenance service shall be done by OEM Certified Engineers.
 8. OEM Certified Engineers should train the staff of the purchaser regarding usage and its maintenance.
 9. Pre-qualification criteria: The bidders shall have earlier supplied this equipment to any of the reputed Security Organizations such as NSG, SPG, CAPF, Defense Forces, Paramilitary Forces and to Airports during the last 10 years.

10. If the equipment is having radioactive or any other source that mandate AERB certification /type approval, bidder shall submit AERB certificate along with Technical bid.

11. Buyback - An under taking is to be submitted by the bidder stating that the buyback of the equipment supplied once the life cycle of the product comes to an end and mention the price of buyback.

12. Regarding DFMD the equipment shall be easy to assemble & dismantle at the time of operations, ideally within 30 minutes.

13. The product should be durable and complaint free and a certificate shall be produced by the vendor at the time of supply of the Security equipments purchased.

14. If the equipment needs repairs, it shall be carried out within a week from the date of receipt of intimation. If more time is required for repairs the vendor shall make alternate arrangements including replacing the equipment till the original equipment got repaired.

15. Miscellaneous: The firm should be able to provide the following things along with the equipment at the time of supply :

1.Special maintenance tools

2. Training aggregate – charts, slides, training brochure, training work model, blow up diagram, video films etc.

3. Technical manual containing full description of the product.

4. Users manual and literature on preservation/maintenance etc (in English)

5. Procedure for packing, handling/transportation/storage

16. The supplier should have well-equipped office / workshop for maintenance with qualified Engineers for repairs/ service.

17. Periodical service- Minimum once in three months during warranty period. Minimum 5 years warranty has to be executed for the equipment, batteries, charger and for other all accessories.

18. The Firm should provide Comprehensive AMC for a minimum period of 3 years after the expiry of warranty period.

19. Comprehensive AMC should be expressed as percentage of the total product value (TPV) separately for each year.
20. Tenders will be evaluated based on the net liability to the Department which includes Product cost and Comprehensive AMC cost.