





बिड दस्तावेज़ / Bid Document

बिड वि	वरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	09-09-2025 10:00:00	
बिड खुलने की तारीख/समय /Bid Opening Date/Time	09-09-2025 10:30:00	
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)	
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Defence	
विभाग का नाम/Department Name	Department Of Military Affairs	
संगठन का नाम/Organisation Name	Indian Army	
कार्यालय का नाम/Office Name	******	
कुल मात्रा/Total Quantity	13	
वस्तु श्रेणी /Item Category	Smart Target System , Master Control Unit , Bullet Containment Trap , 10 Meter Container , Visual System , Firer Cabin , Firing Lane , Ventilation System	
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Smart Target System, Master Control Unit, Bullet Containment Trap, 10 Meter Container, Visual System, Firer Cabin, Firing Lane, Ventilation System	
	Searched String: Smart Target System Smart Parcel Delivery System (Deparment of Post), Revolving Chair (V4), Target Face - Shooting, Smart Cane, Television (TV) (V2), Target Face - Archery (V2), smart card printer, LED Display System, Smart Rack (V2), Access Control System Searched String: Master Control Unit Shrub Master, PCR Master Mix, Dentine Bonding Master, Executive Table (V3), Sanitary Napkins Incinetator Machine with Smoke Control Unit, Master Stream Foam Nozzle, Power Generator - DG Set (up to 900 KVA), Thyristor Power Unit, Control Transformer, Control Cable Searched String: Bullet Containment Trap Bullet Recovery Box, Waste Containers and Accessories - Domestic (V2), Spill Containment Pallets, Mosquito Trap, Flying Insect Control Traps - Fly Catcher, Bolt / Bullet Seal, Thermodynamic Steam Trap, Sharp Container for Bio - Medical Waste Collection, Mouse Trap (V2), Portable Single Operated Rectifier Type DC Arc Welding Set Suitable for Manual Arc Welding Process as per IS 4559 Searched String: 10 Meter Container Roller container, Spit Container (V2), Heavy duty diesel ultra	

	Lett Phentic Container (VO) W. J. C. J. J.
बिड	oil, Plastic Container (V2), Waste Containers and Accessories - Domestic (V2), Chlorpyrifos 10% GR, Sharp Container for Bio - Medical Waste Collection, Imazethapyr 10% SL, water baths, Frequency meter - Analog (Panel Meter)
GeMARPTS में खोजा गया परिणाम / Searched	Searched String: Visual System
Result generated in GeMARPTS	Visual Presenters (V2), Revolving Chair (V4), Visual Field Analyzer (V2), Box Strapping Machine, Wild Animal Repellent System (V2), Dynamic Visual Acuity (DVA) For Vertigo Clinics, Subjective Visual Vertical (SVV) For Vertigo Clinics, LED Display System, 3 Dimensional Visual Teaching Content Software for ITI, Daisy Player for Visually Impaired
	Searched String: Firer Cabin
	FRP SECURITY CABIN, Steel Porta Cabin, FRP Urinal Cabin, Porta Cabin (Cement Fiber Board), FRP Shelters - Barrel Type Cabin (Five Men), Automotive Chassis Fitted with Engine (V2), Temporary Accommodation (MHA), Suitcase (V2), Pick and Carry Hydraulic Mobile Crane as per IS 4573 (New Generation Crane with Front Mounted Cabin), Executive Table (V3)
	Searched String: Firing Lane
	Shot Firing Cables (for use other than in Shafts) ISI Marked to IS 5950, Portable Fire Extinguishers (V2) as per IS 15683:2018, Gunshot Detection Software, Fire Arms Training Simulator(FATS)(06 lanes) (Delhi Police), Automatic Fire Ball for Fire - Extinguishing, Surgical Retractors, Fire Hose Cabinet Surgical Forceps, Fire suppression foam (AFFF concentrate for fire fighting) as per IS 4989, CO2 Based Wheeled Fire Extinguishers (V2) as per IS 16018
	Searched String: Ventilation System
	Ventilation Management Training Simulator, Revolving Chair (V4), Positive Pressure Ventilation Fan Blower, Fixed Clean Agent Gas based Fire Suppression System, sonicator System, Uroflowmetry System, LED Display System, Urodynamic System, Cholangioscopy System, Flushing Cistern
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	Target Face - Archery (V2)Target Face - Shooting
बीओक्यू शीर्षक /BOQ Title	CONTAINARISED INDOOR SHOOTING RANGE
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	80 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों	F00 Lable (a)
का)/OEM Average Turnover (Last 3 Years)	500 Lakh (s)
उन्हीं∕समान सेवा के लिए अपेक्षित विगत अनुभव के	
वर्ष/Years of Past Experience Required for same/similar service	2 Year (s)
वर्षों के अनुभव के लिए एमएसई को छूट प्राप्त है / MSE Exemption for Years Of Experience	Yes Complete
वर्षों के अनुभव के लिए स्टार्टअप को छ्र्ट प्राप्त है / Startup Exemption for Years Of Experience	Yes Complete

बिड विवरण/Bid Details			
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), OEM Authorization Certificate, OEM Annual Turnover, Additional Doc 1 (Requeste in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (Requested in ATC), Compliance of BoQ specification and supporting document *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		
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को			
निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)		
participated in bid?			
बिड लगाने की समय-सीमा बढ़ाने के लिए आवश्यक न्यूनतम सहभागी विक्रेताओं की संख्या। / Minimum number of bids required to disable automatic bid extension	1		
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7		
विगत प्रदर्शन /Past Performance	10 %		
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes		
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination		
बिड का प्रकार/Type of Bid	Two Packet Bid		
प्राथमिक उत्पाद श्रेणी/Primary product category	Smart Target System		
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	3 Days		
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No		
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation		
मध्यस्थता खंड/Arbitration Clause	No		
सुलह खंड/Mediation Clause	No		
ईएमडी विवरण/EMD Detail			
एडवाईजरी बैंक/Advisory Bank	State Bank of India		
ईएमडी राशि/EMD Amount	875000		

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India	
ईपीबीजी प्रतिशत (%)/ePBG Percentage(%)	5.00	
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	12	

- (a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ 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।/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.
- (b).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance securityshould be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

PCDA SWC, JAIPUR

7 GUARDS, Department of Military Affairs, Indian Army, Ministry of Defence

(Pcda Swc, Jaipur)

विभाजन/Splitting

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	Yes
एमएसई खरीद वरीयता/MSE Purchase Preference	
एमएसई खरीद वरीयता/MSE Purchase Preference	Yes

- 1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
- 2. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
- 3. 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 Accountan 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.
- 4. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product

offered in the bid {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 and delivery acceptance certificates like CRAC 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.

- 5. 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 witl 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. 6. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchaspreference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage or local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023. OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.
- 7. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.
- 8. 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.
- 9. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% 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 ir the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.
- 10. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:
 - i. If number of technically qualified bidders are only 2 or 3.
 - ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
 - iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.

- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
16-08-2025 09:00:00	7 GUARDS, Jaisalmer Military Station, Jaisalmer Rajasthan-345001

Smart Target System

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	<u>View File</u>
BOQ Detail Document	<u>View File</u>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

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

क्र.सं./S.N o.	परेषिती / रिपोर्टिंग अधिकारी / Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*********Jaisalmer	2	60

Master Control Unit

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	*****	*********Jaisalmer	1	60

Bullet Containment Trap

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1	*****	***********Jaisalmer	2	60

10 Meter Container

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	*****	***********Jaisalmer	1	60

Visual System

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती / रिपोर्टिंग अधिकारी / Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*********Jaisalmer	2	60

Firer Cabin

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	*****	***********Jaisalmer	2	60

Firing Lane

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती / रिपोर्टिंग अधिकारी / Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	***********Jaisalmer	2	60

Ventilation System

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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BOQ Detail Document	<u>View File</u>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

क्र.सं./S.N o.	परेषिती / रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*********Jaisalmer	1	60

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

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 (Increased quantity \div Original quantity) \times 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. **OEM**

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

3. Inspection

Nominated Inspection Agency: On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:

Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC):

Applicable only if pre-dispatch inspection clause has been selected in ATC

Post Receipt Inspection at consignee site before acceptance of stores: Post Dispatch Inspection

4. Sample Clause

After award of contract – Successful Bidder shall have to get advance sample approved from buyer before bulk manufacturing / starting bulk supplies. Successful Bidder shall submit

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samples for Buyer's approval, within 10 days of award of contract. Buyer shall, as per contract specifications framework, either approve the advance sample or will provide complete list of modification required in the sample within 7 days of receipt of advance sample. Seller shall be required to ensure supply as per approved sample with modifications as communicated by Buyer. If there is delay from buyer side in approval of advance sample – the delivery period shall be refixed without LD for the period of delay in sample approval. In case, the sample is found to have major deviations / not conforming to the Contract specifications, the buyer at its discretion may call for fresh samples for approval before allowing bulk supplies or may terminate the contract after notifying the deviations to the seller.

Unless otherwise provided in the contract, all samples required for test shall be supplied by the contractor free of cost. Where under the contract, the contractor is required to submit an advance sample, any expenses incurred by the contractor on or in connection with the production of stores in bulk, before the sample has been approved unconditionally shall be borne by the Seller and he shall not claim any compensation in the event of such sample being found unacceptable by the Buyer / Consignee.

5. Forms of EMD and PBG

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

PCDA SWC JAIPUR payable at STATE BANK OF INDIA

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. Financial Criteria

NET WORTH: Net Worth of the OEM should be positive as per the last audited financial statement.

7. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

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. Certificates

ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

10. Certificates

Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.

11. Certificates

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

12. Certificates

To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid):

Yes

13. 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 fron 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.

14. Turnover

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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

15. Warranty

Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 3 years for the offered products at the rate not more than 1 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement (covering preventive maintenance and servicing) with the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Annually after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submissior and verification of AMC Performance Security for 3% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).

16. Past Project Experience

Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

17. Generic

After award of contract – Successful Bidder shall have to get Detailed Design Drawings approved from buyer before starting fabrication. Successful Bidder shall submit Detailed Design Drawings for Buyer's approval, within 10 days of award of contract. Buyer shall, either approve the drawings or will provide complete list of modification required in the drawings within 10 days. Seller shall be required to ensure supply as per approved Drawings with modifications as communicated by Buyer. If there is delay from buyer side in approval of drawing– the delivery period shall be refixed without LD for the period of delay in approval of Drawing.

18. 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). I 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.

19. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

20. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

21. Generic

OPTIONAL SITE VISIT:

1. The Bidder is advised to visit and examine the installation site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder.

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- 2. The Bidder representative shall be allowed entry upon consignee premises for such visits, only upon the express conditions that the Bidder will release and indemnify the Buyer and Consignee against all liabilities arising out of such visit including death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of such visit.
- 3. The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.

22. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

TECHNICAL SPECIFICATIONS FOR PROCUREMENT OF CONTAINERISED

10 METER FIRING RANGE FOR JAISALMER MILITARY STATION

1.	Containerised 10 Meter Firing Range should be a complete solution for quickly installable pl
	ug and play kind of indoor substitute for live firing practice of two firers at a time.
2.	The System should be encompassed digitally projected target, acoustically treated individual firi
	ng booths with ricochet proofing, lighting, interactive audio interface, shot analysis system and v
	entilation system.
Dimen	sions
3.	The Containerised 10 Meter Firing Range should be designed by using standard 40 feet High
	cube container with minimum size (40' x 8' x 9'6").
Ammu	nitions
4.	Type of Weapons and Ammunition: The Containerised 10 Meter Firing Range should be safe
	for live firing of 7.62mm x 51mm, 7.62mm x 39mm, 5.56mm x 45mm Ball ammunition of up to 0.
	5 in calibre and any other equivalent or intermediate calibres of up to 1000 m/s muzzle velocity
	and also 9mm x 19mm, 0.38 in, 0.32 in, 0.45 and equivalent hand gun or carbine ammunition ex

- 5.1. Smart Target System (STS) & Target Application Software. The Containerised 1

 O Meter Firing Range features a Smart Target System (STS) based on acoustic sensors where the targets should be projected on location of hit and miss system located at the Target End. Tar gets may be of any standard scoring targets, pop-up targets. The Robust and Smart Target Appli cation software should allow varying the target ranges from 10 to 300 meters inside the containe r. It should also facilitate different types of exercises such as Grouping, Static, Timed Exercise an d Annual Range Course in various terrains i.e., Desert, Mountain, Jungle / Forest, Winter conditions, as well as the presence of obstacles like Mud, Outdoor, Known-distance range upto 300 meters, Indoor, Lane -based qualification with editor, Running / Moving targets with lead indicator, High Definition Judgmental video scenario with editor, Assortment of marksmanship training drills & duelling and hostage training drills etc. or any other practices as desired by the user. It confirms the display of the point of hit on the target with in an accuracy of 5mm to 6mm.
 - 5.2. **Simulated Range of Targets.** Though the actual distance of shooting is 10 meters, targets should be projected to simulate ranges of up to 300 meters and thus actually practice shooters in applying the range on the weapon and aiming at that range. Point of hit is au tomatically and accurately adjusted by the software.

Firing Booths

6. **Containerised 10 Meter Firing Range** should have two independent firing booths with facility to fire from standing, kneeling and lying positions. The firing booth is acoustically treated by usin g acoustic foam / rubber tiles allowing for easy cleaning of dust and lead by dry or wet cleaning methods. Each booth should be equipped with Firing Booth Display Unit (FBDU), Interactive audio interface to communicate with the instructor and CCTV Camera's to record the total firing session. Suitable fresh Laminar air flow should be provided on each line to meet the range ventil ation requirements. Firing booth should have doors equipped with toughened glass to monitor the firing practice by instructor / viewer and the same should serve as entry, exit and emergency exit in case of any accident.

Instructor Control Station and Firing Booth Display Unit

7. **Instructor Control Station**. It should provide facility to be monitored and operated by the ran ge instructor. It comprises of CPU, monitors, printer and communication equipment. The CPU is I oaded with Master control software which enables the instructor to assign different firing practic es to the firers. The software should display real time hits and record the complete data of each i ndividual firer / session during firing. The instructor can monitor the live session of firers in monit ors and can communicate with the firers by communication equipment to guide the firers. The sy stem should allow for recording of scoring by firers. The Software instantly records all the data a nd enables the instructor to take the print out of the reports / documents. It allows retrieving the stored data at any time to evaluate or perform any kind of analysis. It also provides corrective action to the trainee after firing.

- 8. **Firing Booth Display Unit (FBDU)**. Each firing lane of **Containerised 10 Meter Firing Rang e** is equipped with FBDU which enables the firer to monitor and control the targets and exercises in that lane. The FBDU is capable to perform the following activities:
 - 8.1. Give shot location on the target.
 - 8.2. Give possible score, aggregate score.
 - 8.3. Indicate mean point of Impact.
 - 8.4. Indicate type of exercise in progress.
 - 8.5. Show group size and MPI.
 - 8.6. Furnishing "X" and "Y" coordinate of the shots.
 - 8.7. Lane operation status.
 - 8.8. Grouping and zeroing.
 - 8.9. Zoom in and zoom out and panning of the target on the screen.
 - 8.10. Exercise replay.

Bullet Proofing

- 9. The containerised 10 Meter Firing Range should be adequately bullet proof as per industrial stan dards to provide protection against direct fire / ricochet ammunition as given in Para 4.
- Bullet Containment Trap (BCT). The Bullet containment trap should be made up by using AR5 00 or AR550 armour steel plates and placed behind the target to collect all the bullets fired. The Bullet Containment Trap should be manufactured in such a way to replace and reverse the prima ry impact plates to any position which increases the life of the system. The system should provid e easy access for target maintaining activities. The bullets contacted the angular plates are guid ed into a deceleration chamber where the velocity of projectile should reduce to zero and collect ed at the Tins provided at bottom. The Bullet Containment Trap Should easily give a life of 1.5-2 I akhs of rounds with minimum maintenance activities.

Safety

- 11. Acoustic Reduction System. Noise abatement of Containerised 10 Meter Firing Ra nge should be carried out by using acoustic panels / rubber tiles those withstands frequent clean ing and wet scrubbing with agents to remove and neutralize lead dust and un burnt propellant. The parameters like Peak impulse sound, 8-hour TWA noise level, reverberation time are maintain ed as per the NIOSH and OSHA noise standard (29 CFR 1910.95(d)(e)(g)(h)). The characteristics of acoustic panels/rubber tiles used are compliance to the following: -
 - 11.1.1. The Acoustic foam is rated to class 1 (As per ASTM E84) / class V0 or HF1 of UL $^{-94}$.
 - 11.1.2. Noise Reduction Coefficient (NRC) of at least 0.75 as per ASTM 423-17.
 - 11.1.3. Resistance to Fungal and Microbial Growth as per ASTM G21.
 - 11.1.4. The rubber tile of fire-retardant class 1 of ASTM E84 or Class B2 of DIN 4102 or C lass 3 of BS476 Part 7:1997.
 - 11.2. **Ear Muffs**. Electronic ear muffs provided along with **Containerised 10 Meter Firing Ra nge** should be capable to cut off the noise levels exceeding the safe hearing limit (i.e., 85db) and amplify the sounds below 80 db to audible level.
- 12. **Ventilation System**. The **Containerised 10 Meter Firing Range** should be equipped with sui table ventilation system to meet the all-indoor firing range requirements as per NIOSH and OSHA lead standard (29 CFR 1910.1025(j)). The ventilation system of The **Containerised 10 Meter Fi ring Range** provides 100% fresh air at firer end in laminar pattern with 10% of exceeded exhaus t (as per the NIOSH,1975). The Air flow at firing point and down the line should be maintained in between 50-75 fpm as per the NIOSH standards. Filtration of the exhaust air should be carried ou t by using 0.3 microns HEPA filters. A suitable mechanism should be placed in the system to indicate when filter change is required. The range Should be maintained at a negative pressure of mi nimum 10 Pascal to eliminate the lead dust spreading out to the range circumstances.

13.	13.1. Power Backup Hybrid System (UPS + Generator): - 13.1.1 Internal Power Backup: - The Containerised 10 Meter Firing Range UPS power b ackup should be minimum 2 hours for PCs, Master Control Unit, Smart Target System et c.
	13.1.2. Overall Power Backup: - Suitable silent generator for Containerised 10 Meter Firing Range should provide assured Power Backup to the system.
	13.1.3 Voltage and Phase Compatibility: - Ensure the backup power system should be compatible with the electrical system of the firing range (voltage, single-phase or three-phase).
	 13.1.4 Automatic Transfer Switch (ATS): - A crucial component that automatically dete cts a power outage and switches the load to the backup power source. It should also auto matically switch back to the main power supply when it is restored. 13.1.5 Wiring and Installation: - All wiring and installation must comply with relevant ele ctrical codes and safety standards. Separate, dedicated circuits for critical backup loads a re recommended. 2.
	3. 13.1.6 Audible and Visual Alarms: - The backup system should provide clear audible and visual alarms to indicate a power outage and when the system is operating on backup power.
14.	14.1. General safety.
	14.1.1 The system should be equipped with Indication light at firing booth to display the status of the range.
	14.1.2. Each firer cabin should be equipped with hooters to identify the position of st op butts. A warning message Should be displayed on the screen representing the status of stop butts and no target Should display until all the equipment in the range positioned properly.
	14.1.3 The system should be equipped with fire-fighting equipment as per standard norms.
15.	Maintenance . The Containerised 10 Meter Firing Range facilitates should have easy maintena nce of targets, filters and consumables and repairable at the location.
16.	Portability . The Containerised 10 Meter Firing Range can be shipped from one place to anot her place by simply on a 40-foot trailer like any other container. (If Bullet Containment Trap sto p butt used, 10-foot container also can be shipped on a normal vehicle). It can be made functio nal within a short time hence it is made like a plug n play system.
17.	Product Should be demonstrated during the technical evaluation of system.
18.	Training . Appropriate training to the user, range instructors and the maintenance staff on site as part of the installation Should be provided.

19.1. Maintenance and Warranty. The Containerised 10 Meter Firing Range should co 19. me with a **03 years** complete warranty and provision of comprehensive AMC for two (02) years which is further extendable by two (02) years after complete of the warranty including all spare s & service cost. Consumables like Rubber blocks, Printer cartridges, AR500 Plates of Bullet Con tainment Trap and Stop Butt, Target Rubber sheets and all batteries etc are not covered under Warranty / AMC. The Bullet containment trap should be made up by using AR500 or AR550 arm our steel plates and placed behind the target to collect all the bullets fired. The Bullet Containm ent Trap should be manufactured in such a way to replace and reverse the primary impact plat es to any position which increases the life of the system. The system should provide easy acces s for target maintaining activities. The bullets contacted the angular plates should be guided int o a deceleration chamber where the velocity of projectile has to be reduced to zero and collect ed at the Tins that have to be provided at bottom. The Bullet Containment Trap should easily gi ve a life of 1.5-2 lakhs of rounds with minimum maintenance activities. 19.1. **Protection Shed**. A suitable size overhead protection shed for contanarised firing rang e & its accessories. 12-inch Base work. All types of physical damages due to firing will not be covered under Warranty/ AMC 20.

Tender Conditions Acceptance Certificate. The bidder shall certify for acceptance of all the tender con ditions. In case any deviation, the bid shall be rejected. If the certificate is signed by legally authorized sig natory, a copy of the authorization letter be enclosed/ uploaded.

- 1. Tender Acceptance Certificate.
- 2. Tender Conditions Acceptance Certificate.
- 3. EMD Document.
- 4. PBG Document.
- 5. Police Verification of Firm.
- 6. OEM Authorisation Certificate.
- 7. Annual Turnover Certificate
- 8. Experience Certificate.
- 9. Past Performance Certificate.
- 10. OEM Annual Turnover Certificate.
- 11. MSME Certificate if Applicable.
- 12. Material Test Certificate
- 13. MII Certificate.
- 14. Defense Industrial License.
- 15. Lab Testing Report.
- 16. Range Design & Construction:
- (a) Certificate from Accredited NABL approved national/international lab for AR500 Steel.
- (b) Test Report from NABL accredited lab for salt spray test as per Mil Std 810G.
- 17. Firing Booth Ballistic Glass:-
- (a) Certificate from the accredited lab regarding material and bullet proof nature of panel.
- (b) Steel Frame is S275 complaint for EN 10025-2004 (E) S275JR or IS 1608 (Part-I).
- 18. Bullet Trap:-
- (a) Certificate from accredited lab that bullet trap has been tested to Stop/absorb bullet of muzzle velocity up to 1000m/ Sec.
- (b) Certificate from accredited lab regarding compliance with SP6 Paint.
- (c) Certificate of AR500.
- 19. Ventilation System:-
- (a) Certificate from accredited lab regarding the offered ventilation system.
- (b) Lead in Air assessment should be <50M accordance with NIOSH Certificate.
- (c) Air Flow as per NIOSH Apr 2009.

23. Buyer Added Bid Specific ATC

Buyer uploaded ATC document Click here to view the file.

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अस्वीकरण/Disclaimer

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 <u>attacher</u> <u>categories</u>, 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.
- 15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
- 16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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.

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.

यह बिंड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions

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 भार 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 सक्षा प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसक अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GT 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 th 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.

---धन्यवाद/Thank You---