

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	19-04-2025 12:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	19-04-2025 12:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Earth Sciences
Department Name/विभाग का नाम	Department Of Earth Sciences
Organisation Name/संगठन का नाम	National Centre For Antarctic And Ocean Research (ncaor)
Office Name/कार्यालय का नाम	Goa
क्रैता ईमेल/Buyer Email	saroj.ncpor@nic.in
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Integrated Water Purification System
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	Integrated Water Purification System
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Potable Water Purification System UV or UV and UF, RO Water Treatment System Above 50 LPH Filtration Capacity, High quality water purification system, Potable Water Purification System DE - Ionization Based, Non electric Potable water purification system gravity or inline based, Water Purification System with UV (Ultra-Violet Process) or UV (Ultra-Violet Process)+UF (Ultra-Filtration Process), Reverse Osmosis based Point of Use Water Treatment System for Drinking Purposes (V2) as per IS 16240, Air Decontamination System (Fumigation Cum Air Purification System), Solar Water Heating System as per IS 12976:1990, Integrated Powered Drill and Debrider system
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> • Potable Water Purification System UV or UV and UF • Potable Water Purification System DE - Ionization Based • RO Water Treatment System Above 50 LPH Filtration Capacity
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	10 Lakh (s)

Bid Details/बिड विवरण	
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	50 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,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,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
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Past Performance/विगत प्रदर्शन	50 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Annual 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	4 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
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	40000

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).	38

(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 कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कैटेगरी 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 :

DIRECTOR, NCPOR

National Centre for Polar and Ocean Research (NCPOR), Headland Sada, Vasco-Da-Gama, Goa-403804
(Director, Ncpor)

MII Purchase Preference/एमआईआई खरीद वरीयता

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

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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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. 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 Purchase preference, 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 of 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.

5. 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.

6. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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.

Integrated Water Purification System (1 set)

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

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Annual Maintenance	
Warranty of required product	3 Year
Annual Maintenance Charges Duration (Post Warranty)	2 Year
Annual Maintenance Charges Frequency	Bi-annually

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

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	Pradeep Kumar Singh	403804, Director National Centre for Antarctic Ocean Research Headland Sada, Vasco-da-gama,	1	60

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**1. 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)

2. Generic

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

3. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Buyer Added text-based ATC clauses

- (i) The Bidder has to upload catalogue/brouchure of the offered product.
- (ii) Detailed compliance on the bid technical specifications to be uploaded.
- (iii) **Bidder Earnest Money Deposit (EMD)** - As per GeM General Terms & conditions, scanned copy of EMD shall be uploaded by the Seller in the online bid, and an original copy of the same will have to be submitted directly to the Buyer mentioned delivery address within 5 working days of bid opening, failing which the bid may be treated as incomplete & may lead to rejection of the bid by buyer without making any reference to the seller.
- (iv) **Performance Bank Guarantee (PBG)** - As per GeM General Terms & Conditions, the Online PBG or Offline PBG must be submitted by Seller to the Buyer within 15 days of the award of the contract on Ge M. The payments to the seller shall become due only after receipt of the Performance Bank Guarantee by the Buyer and verification of its genuineness. No interest shall be payable upon the Performance Bank Guarantee.
- (v) If the Seller fails or neglects to observe or perform any of his obligations under the contract, it shall be lawful for the Buyer to forfeit, either in whole or in part, the Performance Bank Guarantee furnished by the Seller.
- (vi) The Bidders to provide basic details sought in Buyer Added Specific ATC.
- (vii) The amount of Agency Commission (not exceeding the prescribed limit) payable to the Indian Agent should not be more than what is specified in the Agency agreement (a certified copy should be submitted along with the bid) between the bidder and the Indian Agent. The Indian Agent will be required to submit a certificate along with their Agency Commission bill, confirming that the amount claimed as Agency Commission in the bill has been spent.

nt/will be spent strictly to render services to the foreign Principal, in terms of the Agency Agreement. The Purchaser or their authorized agencies and/or any other authority of the Government of India shall have rights to examine the books of the Indian Agent, and defects or misrepresentations in respect of the afore-indicated confirmation coming to light during such examinations will make the foreign Principal (i.e. the Contractor) and their Indian Agent liable to be banned/suspended from having business dealings with the Purchaser, following laid down procedures for such banning/suspension of business dealings.

- (viii) **Undue profiteering:** Bidder shall specifically mention this fact in his bid giving reasons for quoting a higher price(s). If he fails to do so or makes any misstatement, it shall be lawful for the Procuring Entity either to revise the price at any stage to bring it in conformity with the OEM prices or to terminate the contract and avail all the remedies available there in in addition to other punitive actions for violation of Code of Integrity.
- (ix) **Book Examination Clause:** The Procuring Entity reserves the right for 'Book Examination' as follows: The Bidder/contractor shall, whenever called upon and required to produce or cause to be produced, for examination by any Government Officer duly authorised in that behalf, any cost or other book of account, voucher, receipt, letter, memorandum, paper or writing or any copy of or extract from any such document. The Contractor shall also furnish information relating to the execution of this contract or relevant for verifying or ascertaining the cost of executing this contract to such Government Officer in such manner as may be required. The decision of such Government Officer on the question of relevancy of any document, information of return being final and binding on the parties. The obligation imposed by this clause is without prejudice to the contractor's obligations under any other statute, rules or orders which shall be concurrently binding on the contractor. The contractor or shall, if the authorised Government Officer so requires (whether before or after the prices have been finally fixed), afford facilities to the Government Officer concerned to visit the contractor's premises to examine the processes of production and estimate or ascertain the cost of performance of Contract. The authorised Government Officer shall have power, mutatis mutandis, to examine all the relevant books of Contractor's subcontractor, or any subsidiary or allied firm or company, if any portion of the contract is entrusted or carried out by such entities. If on such examination, it is established that the contracted price is more than the actual cost-plus reasonable margin of profit, the Procuring Entity shall have the right to reduce the price and determine the amount to a reasonable level. The Contractor or its agency is bound to allow examination of its books within 60 days from the date the notice is received by the contractor or its agencies calling for the production of documents. In the event of the contractor's or his agency's failure to do so, the contract price would be reduced and determined according to the best judgment of the Procuring Entity, which would be final and binding on the contractor and his agencies.
- (x) **Annual Maintenance Contract (AMC):** The supplier should also quote for **2 Annual** Maintenance Contracts after the **3-year warranty period** on a bi-annual basis. Scope of AMC for 2 years: Semi-annually technical visits (2 Preventive Maintenance visits, and 1 breakdown visit per year) and on-call visits for emergency must be quoted.

4. Buyer Added Bid Specific ATC

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

5. Generic

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

6. Forms of EMD and PBG

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

Director, NCPOR

Account No.

10153336180

IFSC Code

SBIN0004116

Bank Name

State Bank of India

Branch address

SBI Commercial Branch, Vidhyadhiraj Bhavan, F L Gomes Road, Vasco Da Gama, GOA-403802

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

7. Forms of EMD and PBG

Bidders can also submit the EMD with Banker's Cheque in favour of

Director, NCPOR

payable at

Vasco-Da-Gama

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

8. Forms of EMD and PBG

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

Director, NCPOR

payable at

Vasco-Da-Gama

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.

9. Warranty

Warranty period of the supplied products shall be 3 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.

10. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

11. 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.

12. **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.

13. **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.

14. **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.

15. **Generic**

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

16. **Service & Support**

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

17. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

18. **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 %.

19. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

Director, NCPOR
Account No.
10153336180
IFSC Code
SBIN0004116
Bank Name

State Bank of India

Branch address

SBI Commercial Branch, VidhyadhirajBhavan, F L Gomes Road, Vasco Da Gama, GOA-403802.

. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

20. 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

Director, NCPOR

payable at

Vasco-Da-Gama

. 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.

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 Annual Maintenance Charges

1. AMC charges to be indicated as percentage of cost of Product/Equipment quoted for each year after the warranty period.
2. GST shall be included in the AMC Charges quoted.
3. The AMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to RA decrement rules shall be applicable on total price inclusive of AMC charges.
 - 3.1 Buyer shall indicate number of years of warranty by selecting option of 1- 10 Years available in the field depending on warranty parameter applicable in category parameters for the equipment. The Seller while participating in Bid/RA will get fields to indicate AMC charges as percentage depending on number of years of AMC selected by Buyer. The following shall be applicable If 5 year AMC selected.
 - 3.1.1 AMC charges for first year after warranty period – Percentage to be indicated- A1.
 - 3.1.2 AMC charges for second year after warranty period – Percentage to be indicated A2.
 - 3.1.3 AMC charges for third year after warranty period – Percentage to be indicated A3.
 - 3.1.4 AMC charges for fourth year after warranty period – Percentage to be indicated A4.
 - 3.1.5 AMC charges for 5th year after warranty period – Percentage to be indicated A5.
 - 3.2 The calculation of AMC Charges shall take in to account of number of years of warranty and duration of AMC as specified while creating bid.
 - 3.3 AMC charges to be indicated for each subsequent year should be same or higher than preceding year.
 - 3.4 The AMC charges shall be offered within range of 3 to 10% of cost of equipment.
4. Since AMC charges are to be paid only later for each year during AMC period , applicable performance guarantee amount after placement of contract shall be based on the cost of product/equipment and not on basis of cost of equipment along with AMC Charges.
5. Performance bank guarantee applicable for AMC is to be submitted at start of the AMC and shall be applicable as 2.5% on the total contract value including AMC Charges The PBG submitted after award of contract shall be released only after new PBG for the AMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for AMC is to remain valid till completion of AMC period plus one year .The bank guarantee for AMC shall be submitted to buyer directly.
6. In case of splitting of quantity product/equipment cost and AMC charges offered by L-1 in the evaluated cost shall be matched by higher quoting eligible bidders on one to one basis .The equipment cost shall be matched and AMC charges shall be matched year to year.
7. The AMC Contract shall be an offline contract to be handled by buyer. The payment of AMC will be made on AMC frequency (as indicated above) basis after satisfactory completion of said period, duly certified by end user and scope of AMC will be as per para 1 above.

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---



TECHNICAL COMPLIANCE STATEMENT FOR SUPPLY & INSTALLATION OF INTEGRATED WATER PURIFICATION SYSTEM-01 NO

(The bidder must submit the Technical Compliance Statement along with their bid)

Sr No	ITEM DESCRIPTION	Compliance (Yes/No-with documentary evidence)	Remarks (if any)
	<p>Integrated Water Purification System</p> <p>Make:</p> <p>Model:</p>		
	<p>TECHNICAL SPECIFICATIONS</p> <p>A single/ multiple Integrated Water Purification System is required, which should be compact and capable of producing Pure (type II) water with a flow rate of 7-12 lit/hr. (10-15Megaohm resistivity) and Ultrapure (type I) with flow rate of at least 2-3L/min (18-20 megaohm resistivity) with pretreatment cartridge, Reverse Osmosis, Electro Deionization (Preferably) or Cartridge Deionization, two UV lamps (one with 254 nm Wave length at stage I & other with both 185 and 254 nm Wave length at Stage II), mixed bed ion exchange resin, inbuilt TOC monitor and Final additional membrane filter with feed water acceptance up to 2000micro Siemens conductivity, Fouling Index (SDI) < 40-50, Total Chlorine < 2-3 ppm.</p> <p>Type I water should be suitable to use for molecular biology works and analytical Chemistry works, whereas Type II water should be suitable to use for reagent/media preparations and washing of glassware.</p>		
A	<p>PREFILTER</p> <p>2 Stage pretreatment system should be present:</p> <p>STAGE 1</p> <p>1. Must be fitted with one or more membrane/depth filter to remove particles larger than 1 micron</p> <p>2. It should be less than 50-60 Db noise levels</p> <p>3. The automatic low/high-pressure cut-off DC pump must be able to withstand 0-2 pressure at 120L /hr</p> <p>4. There Should be an inlet screen filter to the DC pump</p> <p>5. Additional filters must include 0.5 or 1-micron pleated filter with high particulate retention capacity Activated Carbon</p> <p>STAGE 2</p> <p>1. The pretreatment cartridge must have anti-scaling compound(s)</p>		

	2. Should be composed pump with unique temperature feedback mechanism		
	3. The RO membrane must ensure 94- 99% rejection		
	4. RO must come with Recovery loop consisting of Capillary Tubing, Flush Solenoid Valve & Permeate Divert Valve, and Preferably mixed bed ion exchange resin filled electro deionization (EDI) module, eliminating the need for chemical regeneration or, in the case of cartridge deionization, double deionization with mixed bed resins with particular measures must be present to ensure desired parameters such as low TOC value as mentioned in "D- Dispensing units".		
	5. After RO, Type II system should have preferably EDI (Electrodeionization) module or Cartridge Deionization system for delivery of Type II water quality consistently		
	6. The reverse osmosis permeate divert valve which should be able to divert low quality water to the drain automatically.		
	7. The coaxial resistivity cell should be present with a flow through design and a cell constant of 0.01cm-1		
	8. UV lamp 254 nm to remove germicidal effect before entering the tank		
	9. The unit should be able to display both compensated and non-compensated temperature accurately within ± 0.1 -degree Celsius.		
	10. The system should have additional facility to deliver Type II Water at 2-3L/min flowrate using a Volumetric dispensing arm with a 0.22-micron filter, which can be put at least 1m distance long.		
B.	RESERVIOR		
	1. The Reservoir must be sturdy and built with opaque walls, with a capacity of at least 20-40 litres, and should keep the stored type II water free from any chemical and microbial contaminations.		
	2. There should be sensor switches present, that can be programmed to have high and low-level cutoff based on water level in the tank.		
	3. The reservoir should fill from the bottom.		
	4. It should possess a tank vent filter to trap contaminants present in atmospheric air.		
	5. Reservoir may have the facility to dispense water directly from the tank.		
C.	FILTRATION UNIT:		
	1. UV lamp with dual wavelengths of 185 and 254nm. The lamp should have polished housing		
	2. Application Specific cartridges should be included to remove ionic and organic contaminants to trace levels		

	3. The built-in TOC monitor and UV lamp should be able to accurately measure TOC online from 1-999ppb.		
	4. The Water production unit must be able to be placed either on the bench/under the bench/ on the wall		
	5. Multiple point of delivery units must include Display to Monitor System Parameter Like Conductivity, TOC & Temp., with polishing filters at the point of use. Option of connecting up to 4 units with the main water-producing unit as mentioned below. a) The first water Point of Delivery should be up to 2 to 5 meters away from the Purification unit with 0.22-micron membrane for Analytical application. b) The Second water Point of Delivery should be up to 2 to 5 Meters away from the First Water Point of Delivery with Polishing cartridge to get DNases, RNase, Pyrogens free Water.		
D.	DISPENSING UNITS		
	Standalone/ benchtop /wall mounted point of delivery unit separately for dispensing both Type I and II water and they should have the following features: -		
	1. Adjustable height, length and rotating arms - adjustable to any glass ware.		
	2. Backlit LCD/LED screen, capable of showing resistivity, TOC level of water in the reservoir, UV lamp on/off detection, temperature (accurately within ± 0.1 degree Celsius) of adjustable volume of water dispensed, alarms for relevant issues and option for printing to be directly accessible from the point of delivery unit.		

	<p>3. Final filters must include pharmaceutical grade, final filter with 0.22micron membrane filter in stack disc configuration, UF cartridge at the collection end with LRV is between 5 and 7 over challenge range of 220 and 22000 Eu / ml, C18 filled pak for trace organic applications, activated carbon pak for Volatile organic free water applications</p> <p>Ultra-pure (Type I) water should have the following features:</p> <ol style="list-style-type: none"> 1. Programmable Flow Rate (L/min): 0.08- 2 2. Water Resistivity (MΩ·cm at 25°C): 18-20 3. Microorganisms (cfu/mL): < 1 4. Particulates < 0.22 μm (/ mL): < 1 5. Pyrogen Levels (EU/mL): < 0.001 6. RNase Level (ng/mL): <0.01 7. DNase Level (pg/μL): < 5 8. TOC (ppb): < 5 <p>Pure (Type II) water should have the following features:</p> <ol style="list-style-type: none"> 1. Particulates: < 0.22 μm (/ mL)< 1 2. TOC (ppb): < 50, 3. Programmable Flow Rate (L/min): 0.08 to 2 4. Bacteria: < 1 cfu/ml 5. Resistivity: 12- 15 Mega Ohms 6. Pyrogens: <0.001 EU/ml 		
E.	<p>OTHER FEATURES</p> <ol style="list-style-type: none"> 1. Both the reservoir and the filtration unit should be able to fit within the available laboratory space of 85±5 cm x 55±5cm x 2. The Unit should not weigh more than 30kg, and the distance from the filtration unit to the dispensing unit can be at least 2m. 3. The unit should be able to detect internal leaks and display errors. 4. Necessary means should be present to avoid maintenance errors. 5. The Type I and II water should comply with Standard molecular biology grade and MS grade water requirements. 6. Proper prevention measures should be available against deterioration of water quality during periods of non-use, and the ultrapure water system should be able to recirculate water to maintain high water quality. 7. The cartridges should be cost-effective and easily replaceable to ensure the smooth functioning of the day-to-day work. 8. The feed water pressure switch, wall bracket, UV lamp, ultrapure cartridge, and sterile filter can all be included in one part number. 		

	9. Additional accessories must include Disinfection cartridges, DI cartridges (in case of Non-EDI), pressure regulators, Ultrapure cartridges, Sterile filters of 0.2 microns, Ultrafilters, UV lamps, cleaning solutions and an extra set of tubing can be included as consumables.		
	10. The system may ensure an uninterrupted supply of purified water, with the capability to provide Type II water even if the Type I filtration unit is non-functional.		
F.	WARRANTY, AMC & AFTER-SALES SERVICES		
	1. Warranty should be provided for 3 years.		
	2. AMC for 2 years once the warranty period is over.		
	3. Scope of AMC for 2 years: Semi-annually technical visits (2 Preventive Maintenance visits, and 1 breakdown visit per year) and on-call visits for emergency must be quoted.		
	4. The Vendor should have local service engineers (Goa-based) for conducting services/ problems shortly within 24 hrs of informing.		
G.	CERTIFICATES		
	1. Proper CE certification for the product is required.		
	2. Proper Quality system certifications of ISO 13485 and 9001 need to be presented.		
	3. The product should satisfy Conformity to the standard for electrical safety latest amendment of IEC- 60601, or BIS Equivalent certification.		

**** Please note:** Bidders to submit compliance on all the mentioned points along with all the requested detailed specifications and brochure for the Quoted/Offered item duly signed & sealed on each page.

BIDDER DETAILS FORMAT

(Mandatory details to be submitted along with the Bid Documents)

A	Company Information of the Bidder/Service Provider:	
1	Company Name in full as per GeM:	
2	Address in full as per GeM:	
3	Contact Name & No.: 1) Primary 2) Secondary	
4	Email id: 1) Primary 2) Secondary	
5	GST No.	
B	Bank Information of the Bidder/Service Provider:	
1	Bank Account Number:	
2	Bank Account Type: Savings/Current Account.	
3	Name of the Beneficiary Bank Account as registered in GeM:	
4	Bank name in full:	
5	Bank Branch & Address:	
6	IFSC Code:	

Company STAMP & SIGNED.