

**Bid Document/ बिड दस्तावेज़**

<b>Bid Details/बिड विवरण</b>	
<b>Bid End Date/Time/बिड बंद होने की तारीख/समय</b>	24-11-2023 11:00:00
<b>Bid Opening Date/Time/बिड खुलने की तारीख/समय</b>	24-11-2023 11:30:00
<b>Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)</b>	180 (Days)
<b>Ministry/State Name/मंत्रालय/राज्य का नाम</b>	Ministry Of Agriculture And Farmers Welfare
<b>Department Name/विभाग का नाम</b>	Department Of Agricultural Research And Education (dare)
<b>Organisation Name/संगठन का नाम</b>	Indian Council Of Agricultural Research (icar)
<b>Office Name/कार्यालय का नाम</b>	National Instt Of Natural Fibre Engg N Tech
<b>Total Quantity/कुल मात्रा</b>	1
<b>Item Category/मद केटेगरी</b>	Scanning Electron Microscope (Table Top) (Q3)
<b>Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)</b>	200 Lakh (s)
<b>Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष</b>	3 Year (s)
<b>MSE Exemption for Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है</b>	Yes
<b>Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है</b>	Yes
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (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
<b>Past Performance/विगत प्रदर्शन</b>	80 %

<b>Bid Details/बिड विवरण</b>	
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	Yes
<b>RA Qualification Rule</b>	50% Lowest Priced Technically Qualified Bidders
<b>ITC available to buyer/क्रेता के लिए उपलब्ध आईटीसी</b>	Yes
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	2 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation
<b>Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।</b>	Yes

#### **EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	70000

#### **ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	7.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	18

(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 है। 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

National Instt Of Natural Fibre Engg n Tech, Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare ICAR NINFET 12, REGENT PARK KOLKATA-700040

(Icar Ninfet)

### Splitting/विभाजन

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

### 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. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
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 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.
4. 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 / Public Listed Company 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.
5. 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.
6. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 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.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% 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 / Public Listed Company. 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.

8. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

### Scanning Electron Microscope (Table Top) ( 1 box )

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः 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	<a href="#">Download</a>
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#### Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	70%
Min Cost Allocation for ICT as a % of product cost	30%
Number of days allowed for ICT after site readiness communication to seller	10 Days/दिन
ITC Available On GST	100%
ITC Available On GST Cess	100%

**Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details**

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	100%

**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	Shahzad Javed	700040,12, Regent Park	1	60

**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 by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

**2. 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.

**3. 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 5 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

**4. 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 %.

**5. 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 / Public Listed Company 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.

**6. 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.

7. **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.

8. **Generic**

**Non return of Hard Disk:** As per Buyer organization's Security Policy, Faulty Hard Disk of Servers/Desktop Computers/ Laptops etc. will not be returned back to the OEM/supplier against warranty replacement.

9. **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

10. **Generic**

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

11. **Generic**

Scope of supply includes Training: Number of employees to be trained

04  
, Place for Training  
ICAR NINFET  
and Duration of training  
15  
days.

12. **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.

13. **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.

14. **Forms of EMD and PBG**

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

ICAR NINFET  
payable at  
KOLKATA

.  
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.

15. **Forms of EMD and PBG**

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

ICAR NINFET  
payable at  
KOLKATA

.  
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.

**16. Forms of EMD and PBG**

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

ICAR NINFET  
Account No.  
11129265097  
IFSC Code  
SBIN0001719  
Bank Name  
STATE BANK OF INDIA  
Branch address  
63 NSC BOSE ROAD KOL-40

. 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.

**17. 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

ICAR NINFET  
payable at  
KOLKATA

. 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.

**18. Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

ICAR NINFET  
A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

**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

ICAR NINFET  
Account No.  
11129265097  
IFSC Code  
SBIN0001719  
Bank Name  
STATE BANK OF INDIA  
Branch address  
63 NSC BOSE ROAD KOL-40

. 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. Financial Criteria**

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

**21. 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)

**22. Purchase Preference (Centre)**

Procurement under this bid is reserved for purchase from Micro and Small Enterprises whose credentials are validated online through Udyog Aadhaar/URC for that product/service category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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.

**23. Purchase Preference (Centre)**

Purchase Preference linked with Local Content (PP-LC) Policy:

The bid clause regarding "Preference to Make In India products" stands modified in this bid and shall be governed by the PPLC Policy No. FP-20013/2/2017-FP-PNG dated 17.11.2020 issued by MoP&NG as amended up to date. Accordingly, bidders with Local Content less than or equal to 20% will be treated as "Non Local Supplier". The prescribed LC shall be applicable on the date of Bid opening. Sanctions on the bidders for false / wrong declaration or not fulfilling the Local Content requirement shall be as per the PPLC policy. Further following additional provisions are added in the certification and verification of local content provision of the Preference to Make in India clause:

- i. In case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable.
- ii. Along with Each Invoice: The local content certificate (issued by statutory auditor on behalf of procuring company) shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
- iii. The bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.

**24. 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.

**25. 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):

24.11.2023

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**26. 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.

**27. Buyer Added Bid Specific ATC**



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

## 28. 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.

## 29. Service & Support

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

## 30. Service & Support

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

## 31. 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.

## 32. Past Project Experience

The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

## 33. 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.

## 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. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

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.
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.

[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---**

**Bid for Procurement and installation of a Tabletop SEM (Scanning Electron Microscope) at ICAR-NINFET, Kolkata**

<b>Item No</b>	<b>Description</b>	<b>Quantity</b>
<b>1</b>	A Tabletop SEM (Scanning Electron Microscope)	<b>01 Unit</b>

1. Quantity required: **As mentioned above (All information regarding technical specification provided in the Annexure-II )**
2. **Delivery:** Within **60 days** from the date of purchase order.
3. **Last Date of submission of bid: 24/11/2023 by 01:00 PM**
4. **Date of opening of techno-commercial bid: 24/11/2023 at 01.30 PM**
5. The firm should not have been blacklisted at any time. An undertaking for the same on Company's letter head should be submitted failing which their bid won't be considered.
6. The submission of the following bids by the tenderer should be through the GeM Portal. Please follow the guidelines as per the portal.
7. **Liquidated damage clause** will be charged for any delay in the supply of goods as per the provision of GeM T&C.
8. The validity of the bid shall be **180 days** from the date of opening of techno-commercial bids.
9. Detailed advertisement including all bid documents is also available on our website at [nirjaft.res.in](http://nirjaft.res.in)
10. ICAR-NINFET reserves the right to qualify or deny prequalification of any or all applicants without assigning any reasons whatsoever.

## **GENERAL CLAUSES TO BE FOLLOWED BY THE BIDDER**

1. Bidders are requested to go through the bid document, including specifications carefully. It will be the responsibility of the bidders to ensure that all required documents, data, information, undertaking, certificates etc. are provided as per the bid document. Bids that fail to provide the required documents, data and information, as mentioned in the bid document, may be declared non-responsive and rejected.
2. All goods and materials should be new, unused, and of the most recent or current models, and should incorporate all recent improvements in design and materials unless provided for otherwise in the specifications below. Bidders may offer higher/better specifications but not the lower ones.
3. The bidder should provide access to all genuine, original and licensed Software along with their update releases during the warranty period and the validity period of the contract.
4. The bid must specify the pre-requirements (such as electrical power requirements, flooring etc.) for installation.
5. All bids must be accompanied by a Bid Security Declaration and the Details of the firm as specified in *Annexure-II (Part A & B)*.

### **Amendment of Bidding Documents:**

6. At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, Modify the bidding documents by amendment.
7. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids.
8. It is to be noted that in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has to provide documentary evidence that the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in India.
9. The bid should include an item-wise detailed description along with a brochure and other technical literature on the technical specification of all the components of the tabletop SEM (Scanning Electron Microscope).

**1. Schedule of requirements**

Item No	DESCRIPTION	Quantity
1	A tabletop SEM (Scanning Electron Microscope (As per detailed Annexure-I)	1 Unit

**2. Specifications and allied Technical Details**

<b>As per Annexure - I</b> * Attach User list along with the bid
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**3.** The bid should be submitted through the GeM portal.

**4.** Quotations should be valid for a period of **180 days** from the date of opening of techno-commercial bid.

**5.** *Some important dates:*

i.	Last date for submission of Bid:	<b>Date: 24/11/2023</b>	<b>Time: 01:00 PM</b>
ii.	Date of opening of techno-commercial bid:	<b>Date: 24/11/2023</b>	<b>Time: 01:30 PM</b>

**6. Warranty** Minimum 1-year warranty and cost of extended warranty for additional year may be quoted.

**7. GST:** GST should be charged according to applicable rates.

**8. EMD:** EMD (refundable) in the shape of Demand Draft only for **INR 70,000/- (Rupees Seventy Thousand only)** in favour of “**Director, ICAR NINFET**” Payable at **Kolkata** from any Scheduled Commercial Bank. EMD should reach physically through speed post/ register post/courier, containing in an envelope & superscripted with subject, tender reference number addressing to Assistant Administrative Officer, Adm-III, ICAR NINFET Kolkata- 700040, West Bengal; on or before **24/11/2023 at 10:00 AM. Any postal delay won't be the responsibility of ICAR NINFET.**

**9. Bid Security:** It is mandatory to submit the “**Bid Security Declaration**” and the “**Details of the firm**” form as mentioned in **Annexure II (Part A&B)**, failing which the bid will be summarily rejected.

**10. Performance Security: 7% of the Contract Value** should be deposited to the Institute within 15 days from the date of issue of the purchase, in the shape of a Demand Draft (DD)/Bank Guarantee in favour of “**ICAR-NINFET**” and payable at Kolkata from any Scheduled Commercial Bank. Performance security should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the suppliers including warranty obligations.

**11.** Please go through the enclosed “bid document” carefully for other bidding instructions.

**12. Techno-commercial Bid Evaluation Criteria:** The evaluation of the Techno-commercial Bid will be as per the detailed technical specifications given in Annexure-I. If required, the bidder(s) may be asked to provide additional clarification regarding the technical aspects.

***Other Qualification criteria:***

i. Scanned copies of the technical brochure of the above equipment and accessories as per Annexure-I must be included in the technical bid. Point-wise technical compliance along with any deviation from the mentioned specifications (Annexure-I) must be indicated along with technical documents.

- ii. The bidder must also assure in writing that (a) after-sales regular maintenance service as well as (b) emergency breakdown service will be attended at the regular time interval for (a) and within 72 hours for (b).
- iii. Web references must be provided along with the technical bid.
- iv. Customized equipment and accessories (as per Annexure-I) will not be accepted. The standard equipment and accessories (as per Annexure-I) will only be accepted.
- v. Make and model no. should be mentioned in the technical bid.
- vi. Scan copies of the three purchase orders of the quoted same equipment and accessories within the last five years must be enclosed along with the technical bid.
- vii. The firm must provide a list of well-reputed national and international organizations/Universities, where the quoted system is installed.
- viii. The firm must provide at least 3 performance certificates/installation report along with Purchase Order (in English) of the same equipment of the system mentioned in the quotation which is mandatory, failing which bid will not be considered.
- ix. The bidder must have valid authorization from the OEM specific to this tender. Documentary proof regarding this must be attached

## **BID DOCUMENT**

### **1. Instructions to the bidders**

- 1.1 Bids are invited on behalf of the Director, ICAR-NINFET, Kolkata – 700 040 WB from the intending bidders for the supply of the goods/stores/ equipment for the Institute as detailed in the enquiry letter.
- 1.2 The bidders should quote their offer/rates following the list provided in **BOQ** in clear terms without any ambiguity.
- 1.3 In case of any discrepancy between the rates in figures and that in words, the rate in words will be accepted as correct.
- 1.4 The last date for receipt of the bid is marked in the enquiry.
- 1.5 The bids should be uploaded to the GeM portal. Please follow the guidelines of the site.
- 1.6 If a prospective bidder requires any clarification in regard to the bidding documents, he may make a request to the concerned officer or faculty member at least 5 days before the deadline for receipt of bids.
- 1.7 Bids received after the deadline of receipt indicated in para 1.4 above, shall not be taken into consideration.
- 1.8 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and will be considered non-responsive.
- 1.9 The bids will be submitted in two parts, viz., techno-commercial bid and financial bid.
- 1.10 The bidder has to put his full signature in full on all the pages of the scanned part of the bidding document. No overwriting on those pages is acceptable.
- 1.11 If any bidder does not fulfil technical specifications, his/her eligibility will be cancelled even if his/her price got L1 status.
- 1.12 Bidders registered with any of the following agencies/ bodies as per Public procurement policy for Micro & Small Enterprises (MSE) order 2012 are exempted categories from payment of EMD provided that the registration Certificate issued by any one of these below-mentioned agencies must be valid as on close date of tender. Micro small or medium enterprises who have applied for registration or renewal of registration with any of these agencies/bodies but have not obtained the valid Certificate as of the close date of the bid are not eligible for exemption.
  - i) Khadi and Village Industries Commission (KVIC)
  - ii) National Small Industries Corporation (NSIC)
  - iii) Any other body specified by the Ministry of MSME/GOI

### **2. Conditions of the bid**

- 2.1 The rates quoted should preferably be net, inclusive of packing, forwarding, freight, Insurance and all other incidental charges including taxes. In case these charges are quoted extra in addition to the quoted rates, the amount thereof or the Ad Valorem rate must be specified. Packing, forwarding, freight, entry tax etc., when quotes separately are reimbursable at actual. If external agencies are employed, their receipts must be enclosed with the invoice.
- 2.2 Duties and Taxes are to be quoted separately. Ad Valorem rates thereof should be clearly indicated with reference to the relevant Acts and Rules.

- 2.3 The goods are required to be delivered at the indenting ICAR-NINFET, Kolkata and must be reached within **60 days** from the date of placement of the supply of order under the risk and arrangement of the bidder and offers with delivery beyond the above period shall be treated as unresponsive. In case the delivery time is higher, the same must be mentioned clearly in the bid.
- 2.4 The bid should remain valid for a period of **180 days** from the date of opening. In case the bid offer has a different validity period, the same should be clearly mentioned in the bid.
- 2.5 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.6** The goods offered should strictly conform to the specification and technical details as mentioned in **Annexure-I**.
- 2.7 The Institute may like to conduct a pre-dispatch inspection of goods, where applicable.
- 2.8 Period of guarantee/warranty, wherever applicable, should be specified in the bid.
- 2.9 If the successful bidder, on receipt of the supply order, fails to execute the order within the stipulated period, in full or part, it will be open to the discretion of the Director, ICAR-NINFET, Kolkata to recover liquidated damage from the firm at the rate of 1 % of the value of undelivered goods per month or part thereof, subject to a maximum of 5 % of the value of undelivered goods. Alternatively, it will also be opened to the Director, to arrange procurement of the required goods from any other source at the risk and expenses of the bidder.
- 2.10 The successful bidder may be required to execute a contract, where applicable.
- 2.11 The bidder has to furnish an up-to-date GST and Income Tax Clearance Certificate along with the bid.
- 2.12 Purchase order / Work order shall be placed on the bidding firm(s). In case of deviation from this, if any, the bidding firm should produce any such sufficient documents/credentials i.e., Agreements, MOUs, Arrangements etc. with the third party/ OEM to satisfy the buyer. A consent letter from the third party/ OEM to that effect must be enclosed along with the bidding documents.
- 2.13 Payment will be made within 30 days of receipt of the consignment in good condition along with commissioning of the equipment, installation, demonstration and on-site training at ICAR NINFET
- 2.14 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Director, ICAR-NINFET, Kolkata shall be final and binding.
- 2.15 The bid document/resultant contract will be interpreted under Indian Laws.
- 2.16 The last date of successful installation of the equipment cannot go beyond 29.02.2024, i.e. no extension shall be allowed beyond this date. In the event of failure to comply with this condition, the bid may be considered cancelled subject to the approval of the Competent Authority.



Specification for “Scanning Electron Microscope Machine”

Technical Specification

1. **Electron source:** Pre-centred Tungsten filament cartridge or CeB6 electron source
2. **Resolution/observation condition:** 20 nm or lower at 10 kV or higher
3. **Accelerating voltage:** up to 15 kV or higher
4. **Detector:** SE (Secondary Electron), BSE (Back scattered electron) and also mixed/merged (SE+BSE)
5. **Magnification:** 60,000x or higher
6. **Specimen stage:** 3 direction movement required (X, Y, R- 3 axis) and Z axis movement preferable
7. **Vacuum mode:** Turbo pump based fully automated vacuum system compatible with the instrument or similar
8. **Aperture:** Fixed or variable
9. **Image shift:**  $\pm 50 \mu\text{m}$  or higher
10. **Specimen size:** 25 mm dia or higher and 30 mm thickness/height or higher
11. **Observation mode:** Standard mode, charge up reduction mode or similar
12. SEM should be suitable for imaging of insulation materials like textile, fibre, yarn, fibre cross-section, fibrous composite, nano fibre, film etc. or similar type of samples

13. **Computer operating system:** Microsoft Windows 10 or equivalent with Intel core i5 processor or higher version with 500GB or higher capacity hard disc and 8 GB or higher memory with printer
14. **Operating Software:** Suitable software for running SEM-comprised of Inspection setting, video recording, data bar setting, brightness/contrast setting. Operation software CD with installation “Key (if any)” has to be provided. Software support should be lifetime with the instrument
15. **Type:** Table top version of the SEM machine
16. **Sample coating device:** Suitable sputter coater for coating of above mentioned (in point number 12) samples, gold target Coating unit with rotary pump. All the consumable and spare parts required for imaging of at least 100 samples has to be supplied
  
17. **Accessories and spare parts:** for pre-centred Tungsten filament (20 No. or higher) required, Multiple sample holder: 1 pc or higher, Rotary pump oil, carbon tape, silver plate, storage box, carrier box, operation manual, specimen stubs: 20 No. or higher, vacuum grease, condenser lens aperture (20 No. or higher), microtome is required for cross-sectional analysis
18. **Installation and training:** Free installation, demonstration (minimum 5 times) and free training required
19. **Free servicing of machine:** Minimum 1 year warranty and cost of extended warranty for additional year may be quoted
20. Company needs to provide OEM certificate
21. Performance report (at least 4 numbers) and installation certificates
22. Suitable Table to place the Table Top machine
23. **Electric Supply:** 220V, 50Hz; the instrument should come with required electrical accessories specially required for normal operation of the machine.

**BID SECURITY DECLARATION**

Bid Ref. No.: \_\_\_\_\_ Dated \_\_\_\_\_

To

**The Director  
ICAR-NINFET,  
12, Regent Park,  
Kolkata 700 040**

The undersigned, declare that I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration. I/We accept that I/We may be disqualified/ suspended from bidding for any tender /contract in your Institute (ICAR-NINFET, Kolkata) for a period of **Five Years** from the date of notification of present tender, if I am /We are in a breach of any obligation under the bid conditions as under, if I/We

- i) Withdraw/modify/amend, impair or derogate the tender/bids, during the period of bid validity specified in the form of Bid; or
- ii) Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
  - (i) Fail or refuse to execute the contract, if required, or
  - (ii) Fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

**Signed:** (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

**Name:** (insert complete name of person signing the Bid Securing Declaration) Duly authorized to sign the bid for and on behalf of (insert complete name of Bidder)

Dated

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

**Annexure II**  
**PART B**

TENDERER TO FILL UP THIS PAGE (In the Letterhead of the Firm) and submit the scanned copy against the first label of the Technical cover.)

1 (a) Name of the Tenderer firm/ Organization/ Agency:

(b) Name of the Proprietor/ Partner:

2. Office Address of the Firm:

3. Telephone/ Mobile No.:

4. Fax No.:

5. E-mail Address:

6. Website address if any:

7. EMD details (DD No, Date, Amount and Bank Name)

Or EMD exemption certificate (NSIC/MSME) UAN No.:

8. i) Trade License No:

ii) PAN No:

iii) GST No:

9. i) Firm's Bank Account No and Type of Account:

ii) Name of Bank & Branch:

iii) IFSC Code No:

iv) Account Holders Name:

10. Name of Public Sector/Govt. organization/PSU/Central Universities to whom similar services/goods have been provided by the firm during the last four years:

11. Name of authorized representative(s):

12. Whether proprietary or partnership Firm or Company:

Signature of Authorized person of the  
Firm/Agency with seal