

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	30-09-2026 13:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	01-10-2026 13:00:00
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 Environment Forest And Climate Change
विभाग का नाम / Department Name	Na
संगठन का नाम / Organisation Name	Indian Council Of Forestry Research And Education (icfre)
कार्यालय का नाम / Office Name	Forest Research Institute, Dehradun
शिकायत निवारण के संपर्क विवरण / Contact details of Grievance redressal	HOD Email id :dwarika.pd221@gov.in Buyer Email id: buycon23.icfrei.ua@gembuyer.in
वस्तु श्रेणी / Item Category	Nucleic Acid Sequencing and Genotyping Service - DNA sequencing; Plant; PCR PRODUCT; To be collected by the seller from the provider from the buyer; ABI; 95% and above; 50x; High throughput; Raw data, Primary analysis, Secondary analysis Physical media; 30 ..
अनुबंध अवधि / Contract Period	3 Month(s) 2 Day(s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (Requested in ATC) *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 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 participated in bid?	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)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या / Minimum number of bids required to disable automatic bid extension	3

बिड विवरण/Bid Details	
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	5
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	2
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
अनुमानित निविदा मूल्य (सभी करों सहित) भारतीय रुपये में / Estimated Bid Value in INR (Inclusive of all taxes)	200000
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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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).	6

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

लाभार्थी /Beneficiary :

DIRECTOR
Forest Research Institute, P.O.-New Forest, Dehradun, Uttarakhand-248006
(Director, forest Research Institute Dehradun)

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

एमआईआई अनुपालन/MII Compliance

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

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ / Purchase Preference to MSE OEMs/ Service Provider available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference	100

1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal as defined in Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from 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. 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 in case of product bids, whereas in case of services the eligibility will be automatically validated. 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 100% (selected by Buyer) percentage of total quantity. The buyer is advised to refer the [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.

2. 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 will be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in RA process.

Nucleic Acid Sequencing And Genotyping Service - DNA Sequencing; Plant; PCR PRODUCT TO BE COLLECTED BY THE SERVICE PROVIDER FROM THE BUYER; ABI; 95% AND ABOVE; 50x; HIGH THROUGHPUT; RAW DATA, PRIMARY ANALYSIS, SECONDARY ANALYSIS; PHYSICAL MEDIA; 30 .. (150

तकनीकी विशिष्टियाँ /Technical Specifications

विवरण/ Specification	मूल्य/ Values
कोर / Core	
Type of sequencing exercise to be done	DNA sequencing
Type of organism for sequencing	Plant

विवरण/ Specification	मूल्य/ Values
Type of sample	PCR PRODUCT
Sample collection option	To be collected by the service provider from the buyer
Which Chemistry / Platform you require	ABI
What quality reads per sample do you require	95% and above
What depth /coverage do you require	50x
Service required for number of samples to be analyzed	High throughput
What kind of output data is required	Raw data , Primary analysis , Secondary analysis
Data Delivery Mode	Physical media
Data delivery timeframe	30 days
What kind of QC parameters are required	System output QC parameters
Model of sequencing facility to be followed	Inhouse
Model of bioinformatics analysis facility to be followed	Hybrid
Consent for the sample to be sent abroad for testing	No
Testing Lab Accreditations Certifications	National Accreditation Board for Testing & Calibration Laboratories (NABL) , ISO 15189:2012 Medical laboratories — Requirements for quality and competence
एडऑन /Addon(s)	

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer	No
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अतिरिक्त विशिष्टि दस्तावेज़ /Additional Specification Documents

प्रेषिती/रिपोर्टिंग अधिकारी /Consignees/Reporting Officer and Quantity

क्र.सं./S.No	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	संसाधनों की मात्रा / Number of samples	अतिरिक्त आवश्यकता /Additional Requirer
1	Maneesh Singh Bhandari	248006,Forest Research Institute P.O. New Forest, 248006	150	N/A

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

1. Generic

OPTION CLAUSE 25% : The buyer can increase or decrease the contract quantity or contract duration up to 25 percent at the time of issue of the contract. However, once the contract is issued, the contract quantity or contract duration can only be increased up to 25 percent. Bidders are bound to accept the revised quantity or duration. For lumpsum-based service contracts, the buyer may increase the scope of work and contract value up to 25 percent with the consent of the service provider.

2. Generic

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

3. Generic

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Seller's obligations there under.

4. 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.

5. 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

Director, Forest Research Institute, Dehradun

A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder. 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.

6. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Name of Item: Bidirectional Sanger sequencing of 150 samples of Meliaceae family.

Purpose (Research): (Strikeout/delete whatever not applicable)

Technical Specifications	Minor Devia Allowed(Yes
Specifications	
1. Type of sample: PCR amplified product 2 Type of organism for sequencing: Plant 3. Number of samples: 150 PCR product 4. Sample have to be collected from the laboratory, FRI Dehradun 5. Chemistry/platform required to perform: Applied Biosystems 3130 xl Genetic analyzer using Sanger sequencing chemistry 6. Sequencing direction: Bidirectional sequencing for each PCR product 7. Read Length Approximately 600-900 bp of high-quality sequence per reaction(depending upon tem plate quality) 8. Expected Output: chromatogram files, FASTA sequence files, quality score files and summary report 9. Output data requirement: Raw chromatogram files (ab1), Base-called sequence files (seq/ fasta), Q uality score files, Forward and reverse sequence data for each sample 10. Analysis must be performed using in-house bioinformatics pipeline like MEGA 12, BLASTN, BioEdit. Vendor must have to be analyze the data as per our requirement (ie sequence quality assessment, as sembly, editing, and species identification). 1. QC Parameter required. System generated sequencing quality report, chromatogram quality, signal strength, base-calling accuracy, % of high-quality bases 2. QC and Filtering Adapter Trimming, Quality filtering (Q30), duplication removal	Not Allowed

3. Data Delivery Format Raw chromatogram files (ab1), base called sequence files (seq), FASTA files, sample wise quality reports, BLASTN output report, Alignment files and final sequence analysis report. 4 Annotation of SNP: Required 5. Mode of sequencing facility: In-house 6. Vendor must have a full-fledged sequencing Lab in India with certificate of installation of Genetic analyzer. So, samples should be strictly processed in India and should not be sent outside India at any stage of the project 7. Data generated in this bid for around 150 samples must be amenable to expand or merge with the additional samples to be sequenced in subsequent bid, if needed. So that the cumulative data may be re-analyzed again with large sample size		
2. Accessories, spares and consumables (if any)		
2.1		
3. Standards, Safety, Warranty and Training (if any)		1 Year
3.1	FDA, CE, ISO, UL or BIS certified:	
3.2	Comprehensive warranty (Years)	
3.3	AMC after Warranty (Years):	
3.4	Training for Lab staff:	
4 Documentation (if any)		
4.1	Catalogue/Pamphlet/Literature	
5 Supply Type (Supply/Installation/Testing/Commissioning)		
5.1		

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TERMS AND CONDITON

1. **Director, ICFRE-FRI Dehradun reserves the right to cancel the contract at any time without assigning any reasons whatsoever.**
2. **Sub-Contracting:** -The contractor shall not assign, sub-contractor sub-let the whole or any part of the contract in any manner. In case of an unavoidable circumstance, the contractor shall be able to do so with the approval of the Institute. However, the job shall be sublet only to the party approved by the Institute.
3. **NON-DEBARMENT**-The Service Provider should have not been debarred / black listed / terminated without completing the entire duration of contract period by any Central/State Govt. Department,
4. **Fall Clause:-** The Bidder must provide undertaking that it has not supplied/is not supplying similar product/Service or subsystems OR providing similar services at a price/charge lower than that offered in the present bid in respect of any other ministry/department of the government of India or PSU and if found at any stage that similar product/Service or sub systems was supplied by the bidder to any ministry/department of the government of India or a PSU at a lower price, then the entire price with allowance for elapsed time will be applicable to the present case and the difference in the cost will be refunded by the bidder to FRI Dehradun, even if the contract has already been concluded.
5. **PENALTY-** In case the Firm fails to commence/ execute the work as stipulated in the agreement there is a breach of any terms and conditions of the tender and reserves the right to impose the penalties detailed below: 0.5% of the contract value per week, up to the maximum 10% of the contract value.
6. **PAYMENT -**
 - The payment will be done after the successful delivery/ completion of the assignment and submission of the invoice. ICFRE-FRI Dehradun will normally settle the bill within 30 days from the receipt of the bill. However, for delayed payment, the Contractor will not charge any penalty or interest to ICFRE-FRI Dehradun.
 - No Advance payment will be made to the service provider till the completion of the service. No prepayment will be made to the service provider for any inspection visit.
7. **SECURITY- The seller has to submit a security (Performance Bank Guarantee) to Purchase Section, FRI which will be released after the successful completion of service/warranty.**
8. Please note that the L1 Bidder may be asked to prove reasonability of rates quoted by the bidder.
9. In case of any disputes on execution of the SERVICE during the period of contract, the decision of the Director, ICFRE-FRI Dehradun shall be binding and final, agreeable in full by both the parties.
10. All the pages of the bid being submitted online must be signed and stamped by the bidder irrespective of the nature of the content of the documents.
11. If the services of the agency are not found satisfactory, the Director, ICFRE-FRI Dehradun shall have the right to cancel the empanelment at any time without assigning any reason and without any financial compensation to the agency.

12. The decision of ICFRE-FRI Dehradun in regard to interpretation of the Terms & Conditions and the award shall be final and binding on the Agency.

13. **Bidder must upload the compliance certificate of specifications of all the items along with compliance of all the terms and conditions.**

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Note
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In case of mismatch of the technical specification of buyer added ATC specification and General Category Specification of GeM, the Technical specification of buyer added specification will only prevail.

The technical evaluation will solely be done on the basis of the specification offered by the seller with reference to the technical specification of buyer added ATC specification document.

7. **Buyer Added Bid Specific ATC**

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

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clauses is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice of intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted with days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.

10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless other allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through Random Algorithm executed by GeM system.
14. 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 catalogues or bunching a BoQ with the 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 they can raise their representation against the same by using the Representation window provided in the bid details in Seller dashboard after logging in as a seller. 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 shall ensure full compliance with all applicable labour laws, including provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and a Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (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. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and
- All operative provisions of the erstwhile Labour Laws until their complete substitution.

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

This Bid is governed by the [सामान्य नियम और शर्तें/General Terms and Conditions](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in सामान्य नियम और शर्तें/General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in 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 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 प्राप्ति 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 कार्यवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restriction 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 shall be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---
