

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	24-09-2025 17:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	24-09-2025 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Agriculture And Farmers Welfare
विभाग का नाम / Department Name	Department Of Agricultural Research And Education (dare)
संगठन का नाम / Organisation Name	Indian Council Of Agricultural Research (icar)
कार्यालय का नाम / Office Name	Indian Instiute Of Spices Research
वस्तु श्रेणी / Item Category	Custom Bid for Services - Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae Family
समान श्रेणी / Similar Category	<ul style="list-style-type: none"> Nucleic Acid Sequencing and Genotyping Service
अनुबंध अवधि / Contract Period	6 Month(s) 18 Day(s)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) / Minimum Average Annual Turnover of the bidder (For 3 Years)	100 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष / Years of Past Experience Required for same/similar service	3 Year (s)
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Exemption for Years Of Experience and Turnover	Yes Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Exemption for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	<p>Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC)</p> <p>*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</p>

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों 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 बढ़ाने के लिए आवश्यक न्यूनतम सहभागी विक्रेताओं की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
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
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	120000

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). 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।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

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

लाभार्थी /Beneficiary :

Director, ICAR-IISR Kozhikode

Indian Institute Of Spices Research, Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare
(Director)

विभाजन/Splitting

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
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1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover, shall upload the supporting documents to prove his eligibility for exemption.
3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost 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. Years of Past Experience required: The bidder must have experience for number of years as indicated above in bid document (ending month of March prior to the bid opening) of providing similar type of services to any Central / State Govt Organization / PSU. Copies of relevant contracts / orders to be uploaded along with bid in support of having provided services during each of the Financial year.
5. 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 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 service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band as defined in the relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price. The buyers are advised to refer to 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 the credentials of the service provider are validated on-line in GeM profile as well as validated and approved by the Buyer after evaluation of submitted documents.
6. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band as defined in the relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price.

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

एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :

Compliance Report - [1756897778.xlsx](#)

अतिरिक्त योग्यता /आवश्यक डेटा/Additional Qualification/Data Required

Introduction about the project /services being proposed for procurement using custom bid functionality:[1756897795.pdf](#)

Scope of Work:[1756897841.pdf](#)

Payment Terms:[1756897878.pdf](#)

GEM Availability Report (GAR):[1756897892.pdf](#)

Undertaking of Competent Authority is mandatory to create Custom Bid for Services. Please download standard format document and upload:[1756898203.pdf](#)

Custom Bid For Services - Whole Genome Resequencing Of Genetic Stocks Of Piperaceae And Zingiberaceae Family (1)

तकनीकी विशिष्टियाँ /Technical Specifications

विवरण/ Specification	मूल्य/ Values
कोर / Core	
Description /Nomenclature of Service Proposed for procurement using custom bid functionality	Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae Family
Regulatory/ Statutory Compliance of Service	YES
Compliance of Service to SOW, STC, SLA etc	YES
एडऑन /Addon(s)	

अतिरिक्त विशिष्टि दस्तावेज़ /Additional Specification Documents

प्रेषिती/रिपोर्टिंग अधिकारी /Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	संसाधनों की मात्रा / The quantity of procurement "1" indicates Project based or Lumpsum based hiring.	अतिरिक्त आवश्यकता /Additional Requirement
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क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	संसाधनों की मात्रा / The quantity of procurement "1" indicates Project based or Lumpsum based hiring.	अतिरिक्त आवश्यकता /Additional Requirement
1	Rebeena N	673012,Director ICAR-Indian Institute of Spices Research Marikunnu P O Kozhikode - 673012	1	N/A

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

1. Generic

OPTION CLAUSE: 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, contract quantity or contract duration can only be increased up to 25 percent. Bidders are bound to accept the revised quantity or duration

2. Generic

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

ICAR Indian Institute of Spices Research
Post Bag No..1701
Marikunnu P O
Kozhikode
Kerala - 673012
.

3. 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.

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. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Bidder shall submit the following documents along with their bid

- 1 Copy of GSTIN
- 2 Copy of UDYAM Registration certificate for MSE's, if applicable
- 3 OEM authorization certificate
- 4 MII certificate, if any
- 5 Copy of Cancelled Cheque

6 Experience Criteria: The Bidder or its OEM should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt. Organization /PSU for 1 year before the bid opening date. Copies of relevant contracts to be submitted along with bid in.

7 Bidder is required to submit EMD (If applicable)

8 Bidder is required to submit PBG (If applicable)

9 Your billing address should be drawn in the name of "The Director, Indian Institute of Spices Research, Marikkunnu Po, Kozhikode-673012" may be send to the consignee together with the supporting documents/certificate/voucher/delivery receipt/ challan etc. for arranging payment after obtaining satisfactory installation certificate from the consignee.

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6. Buyer Added Bid Specific ATC

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

7. 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.

8. Forms of EMD and PBG

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

Director
payable at
ICAR IISR Kozhikode

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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. Forms of EMD and PBG

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

Indian Institute of Spices Research
Account No.
30302810771
IFSC Code
SBIN0000861
Bank Name
StateBank of India
Branch address
Main Brach, Kozhikode

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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.

10. 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
payable at
ICAR IISR Kozhikode

. 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.

11. 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

Indian Institute of Spices Research

Account No.

30302810771

IFSC Code

SBIN0000861

Bank Name

State Bank of India

Branch address

Main Branch, Kozhikode

. 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.

अस्वीकरण/Disclaimer

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

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [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.
15. 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 a Random Algorithm executed by GeM system.

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

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

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

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 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।/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.

---धन्यवाद/Thank You---



भाकृअनुप- भारतीयमसालाफसलअनुसंधानसंस्थान
ICAR-INDIAN INSTITUTE OF SPICES RESEARCH
(भारतीयकृषिअनुसंधानपरिषद्Indian Council of Agricultural Research)
पी. बी. संख्या:Post Bag No: 1701, मेरिकुन्नुपोस्टMarikunnu Post,
कोषिकोडKozhikode -673 012, केरलKerala,भारत India
(ISO 9001:20015 Certified Institute)



F.No.4/1020/2025-26/Sequencing(1)-Genome/Stores

Dated: 02.09.2025

NOTICE INVITING TENDER

ICAR-IISR invites tenders for the “Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae Family” through GeM portal under BOQ based bid system from reputed firms.

Name of the Institute	ICAR - Indian Institute of Spices Research Kozhikode
Name of the Work	Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae Family
Place of Supply, Installation Commissioning, Support etc.	ICAR - Indian Institute of Spices Research, Post Bag No: 1701, Marikunnu Post, Kozhikode -673 012, Kerala,India.
Date of Release of Tender	02/09/2025
Indent Number	PI105572
Place of opening of technical bids	ICAR -Indian Institute of Spices Research Kozhikode.

Sd/-
Administrative Officer
For Director

Government e-Marketplace (GeM) is the National Public Procurement Portal; an end-to-end online Marketplace for Central and State Government Ministries / Departments, Central & State Public Sector Undertakings (CPSUs & SPSUs), Autonomous institutions and Local bodies, for procurement of common use goods & services. The portal is owned and managed by GeM SPV which is a Section 8 (Non-Profit) Company registered under the Companies Act, 2013. GeM SPV operates, monitors and supervises all the business transactions on the portal through the Managed Service Provider as per roles and responsibilities defined in the Legal Framework Document available on GeM portal.

2. General Terms and Definitions:

A.APPLICABLE LAWS”shall mean any statute, law, ordinance, notification, rule, regulation, judgment, order, decree, bye-law, approval, directive, guideline, policy or other governmental restriction as may be in effect.

B.GOODS”shall mean an Article / product or an intangible product like software, technology transfer, licenses, patents or other intellectual properties being offered for sale on the GeM portal by Seller(s) on GeM. The term ‘Goods’ shall also include works and services which are incidental or consequential to the supply of such goods, such as, transportation, insurance, installation, commissioning, training and guarantee / warranty obligations as defined in the scope of supply given in the contract.

C.SERVICES”shall mean the services offered or provided by the Seller such as IT Professional Services, Manpower Services, Security Services, Transport Services, etc. listed as Services on GeM. The term ‘Service’ shall also include supply of goods / articles which are incidental or consequential to the provisioning of such Services as defined in the scope of supply given in the contract.

D.SERVICE LEVEL AGREEMENT (SLA)”shall mean the Contractual Commitment that prevails between the Buyer and the Service Provider with regard to type of service to be provided, deliverables, desired performance level, reliability and responsiveness, monitoring process and service level reporting, response and issue resolution time-frame, repercussions / penalties / remedies for service provider not meeting its commitment. The SLA of a particular contract may carry the matrix regarding the delivery of the goods and/or services and the corresponding penalties or remedies and liquidated damages as applicable.

E.CATEGORY SPECIFICATION”shall mean the framework of technical features, functional capabilities, technical properties, certifications of the items etc. in a particular category. The Specifications shall identify the key parameters defining the products with all necessary validations related to configuration, type of data, restrictions, range / allowed values, allowed units etc. Sellers as well as Buyers while offering / buying the Goods / services shall have to comply with the validation rules / restrictions provided for in the Category Specification. Buyers / Sellers can not add parameters and / or drop down values not provided for in category Specification. If any Buyer / Seller desire to add new parameter, value, validation etc. against any category specification, they have to raise request for the same to GeM for incorporation in Category Specification.

F.BUYER”is the Contract placing authority, which includes Central/State Government Ministries/Departments including its attached/subordinate offices, Central/State Public Sector Units (PSUs) and Autonomous Bodies acting through its authorized officer(s) for and on behalf of President of India/Governor of the State /PSU/Autonomous Bodies, as the case may be, for purchase of Goods/Services offered by Sellers on GeM.

G.SELLER / SERVICE PROVIDER”on GeM shall mean any legal entity such as firm(s) of Proprietorship / Partnership Firm / Limited Liability Partnership / Private Limited / Limited company / Society registered under Society’s Act / Statutory Bodies etc., registered on GeM to sell its Good(s) / Service(s) to the Buyers registered on GeM. The “Seller on GeM” will be either OEM (Original Equipment Manufacturer*) or Seller having authorization to sell products manufactured by the OEM in open market.* OEM is the owner of the Brand / Trademark of the product being offered or in case of un-registered brand’s products / products with own brand, the actual manufacturer of the final product.

In case of Services related to Goods, Service Provider on GeM will be either OEM or Service Provider having authorization to Service products manufactured by that OEM in open market. In respect of other Services, Service Provider on GeM will be any legal entity offering its services. By registering on GeM portal, Seller / Service Provider hereby agrees to be bound by these General Terms and Conditions for Sale / Purchase of Goods and / or Services (GTC); Product / Service Specific Special Terms and Conditions (STC) and Service Level Agreements (SLAs) for various Services; and Additional (Bid Specific) Terms and Conditions (ATC) as applicable. For the purpose of this document and transactions on GeM, Seller as well as Service Provider will be referred to as “Seller”

H.USER ID and PASSWORD”All users including Buyers and Sellers (primary as well as secondary) will get User ID and Password created on GeM following due registration process defined on GeM. It is the responsibility of the user to keep their User ID and Password secure and confidential. Individual user shall be solely and completely responsible for all transactions taking place on GeM portal using his / her User Id and Password and GeM shall not be responsible in any manner.

I.LICENSE”shall mean by registering the Seller and by offering Product / Service details on GeM, the Seller grants GeM a non-exclusive, royalty-free, irrevocable, perpetual and fully sub-licensable right to use, reproduce, modify, adapt, publish, translate, distribute, and/or display the content/materials which has been submitted to GeM excluding Aadhaar No. In case of registration of Primary user and creation of secondary user(s) by the Buyer/Seller, their Aadhaar (UID) details collected by GeM are solely for user verification and to apply e-signing on the documents. The e-sign is at par with digital signatures as per Information Technology Act Amendment 2008 and it works based on details available in Aadhaar database of UIDAI and there is no interference / intrusion in their personal details.

J. CONTRACT”shall mean the purchase order created / issued by the Buyer on GeM for supply of Goods / Services in electronic form which includes scope of supply, delivery instructions and specifications etc. as ordered by Buyer against such Contract besides the subject GTC, STC/ATC as the case may be.

3.Role, Responsibilities and Obligations Of Seller/ Buyer:

A.Role and Responsibilities of Sellers on GeM are as under:

I. Only Director (s) / Partner (s) / Proprietor (as applicable) are authorized to become Primary User and register any legal entity on GeM as Seller.

ii. Once Seller/Service Provider is registered and account is created on GeM, the Primary user of the Seller/Service Provider can create Secondary User Accounts within Seller/Service Provider Organization with different Roles and Responsibilities. However, the Primary User creating Secondary User accounts shall continue to be fully responsible and accountable for all actions / transactions done by Secondary Users on GeM Portal.

iii. Since GeM is a trust based Portal, the complete accuracy and integrity of data submitted in respect of the Seller and also in respect of the Goods / Services offered on GeM will be the sole responsibility of the Seller/Service Provider. Seller will be liable for administrative action as per GeM terms and conditions in case of any discrepancy / infirmity in any data / information submitted on GeM.

iv. The Primary / Secondary Users of Sellers, offering Goods/Services and/or participating in e-Bidding / Reverse Auction on GeM, must ensure that they have the requisite authorization to enter into contract with Buyer(s) in GeM for and on behalf of the Seller, failing which such Seller as well as the individual(s) shall be vicariously liable for its actions and also for any liability arising out of such actions.

v. Seller can offer any number of products. However, it will be the sole responsibility of the seller to satisfy themselves regarding possessing the requisites for doing business for the offered product(s). The Sellers are solely responsible for ensuring that there is no violation of any Intellectual Property Rights in their offer for sell / providing service on GeM.

vi. The Seller should not exercise any corrupt influence on any aspect of contract and commit to take all measures necessary to prevent corruption maintaining complete transparency, integrity and fairness in all activities related to GeM.

vii. The seller would represent its business on the GeM portal and is mandated to comply with all the terms and conditions of the platform. Sellers would be solely and absolutely responsible for the information provided about their organization, business, products and services on the portal and would be required to produce proof of such information, if requested at any point in time by the Buyer and / or GeM.

viii. GeM would not allow creation of any fresh data related to Seller identity on GeM portal. All details provided by the Seller at the time of registration would be counter checked / verified through other data bases of Government such as PAN, MCA 21, Udyog Aadhaar etc. For Financial details, PAN / Income tax Database shall be primary validating database and will override any conflicting data in any other database. If the data / details entered by the seller while registering on GeM is not verified with validating databases, registration will not be allowed. Further, in case of any conflict in details after registration, Seller's registration would be automatically suspended. It is the Seller's responsibility to keep all their information on GeM updated with the latest change(s). Non-updating of details on GeM within 7 days of such occurrence would make Seller liable for administrative actions.

ix. Eligibility of Sellers in terms of Turn Over / Past Performance / Profitability etc. and also their eligibility for availing various benefits / advantages in terms of various Govt. Policies / Guidelines / Acts / Laws etc. shall be determined solely on the basis of data fetched /

validated or verified through external agency / owner of that set of database such as Income Tax / PAN Data Base, MCA 21, Udyog Aadhaar, GSTN, Certifying Agencies such as BIS, BEE etc. In case of any discrepancy in data available in these databases, Seller has to get the same updated in the corresponding validating database before updating the same on GeM. Till such time only the existing validated information shall be used to decide seller's eligibility on GeM. Any default in sellers updating their data on partner sites / validating databases and any fall out of the same impacting adversely any transaction on GeM, shall entirely and exclusively be Seller's responsibility. GeM shall not be responsible for any consequential impact on any GeM transaction due to data discrepancy and / or suspension of seller account due to data discrepancy. Seller will be solely responsible for the same.

x. The Seller shall be solely responsible for the Goods / Services including, without limitation, the applicable guarantee / warranty, shelf-life, quantity, quality and the title and for giving the correct and accurate details of the offer their Goods and / or / Services indicating product specifications, quantity which can be supplied over the specified time period, etc. as per catalogue or catalogue based template prescribed in GeM. Seller would ensure that the Goods or / Services offered are latest, new and complete in all respects. Where Seller is selling any Goods which needs spare parts, Seller should ensure and make available such spare parts for a minimum period of three years from the date of expiry of warranty period (unless otherwise specified). The individual Sellers shall ensure that the products offered in e-Bidding and/or ordered shall remain available on GeM during the bid / contract validity period.

xi. Sellers shall offer minimum discount of 10% on the Maximum Retail Price (MRP) mandatorily (unless otherwise specified for offering their products on GeM). Sellers are free to offer higher discounts. The Seller must offer its best possible lowest price to GeM and undertake that it would not sell or offer to sell the same product in comparable quantity at a price equal to or lower than Offer Price on GeM. In case any such infringement by Seller is noticed, the Seller shall be liable to be removed/ debarred from the GeM.

xii. By offering their product on GeM, the Seller agrees for sharing price details of the offered Goods / Service by GeM authorities with other Government agencies including Department of Excise & Customs, Income tax, GST etc.

xiii. Listing of Goods / Services in irrelevant / inappropriate categories is strictly prohibited. If any such infringement made by Seller leads to placement of a contract by any Buyer for such inappropriately offered product(s)/service(s) by the Seller, such contract shall be treated as null and void. No claim whatsoever against such contract shall be admissible and entertained.

xiv. The Seller(s) shall pass on all the benefits associated with any scheme / offer / freebies provided by the OEM on any product from time to time on an "as-is basis" to the Buyer. This obligation will also apply to OEM's directly supplying the goods. Holding back any such offer or accounting such freebies in quantity supplied shall make such consignments liable to be rejected by the consignee and shall also be considered as inappropriate and against the GeM policies for which GeM reserves all rights to take necessary action against such Seller/OEM as deemed fit.

ANNEXURE I: INVITATION FOR BIDS (IFB)

1. ICAR-Indian Institute of Spices Research Calicut, Kerala is the premier Research Institution with the mandate of conducting research program on Spices Crops in the country and functioning under the administrative control of Indian Council for Agricultural Research, Ministry of Agriculture & Farmers Welfare, and Government of India.

ICAR-IISR invites 'ONLINE' bids from eligible bidders for **Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae Family** at ICAR-IISR Kozhikode.

2. Contact information:

ICAR –Indian Institute of Spices Research, Kozhikod Post Bag No: 1701, Marikunnu Post, Kozhikode -673 012, Kerala, India Tel No.: EPABX: 0091- 495 2731410, 2730906, 2731345 E-mail: store.spices@icar.gov.in, director.spices@icar.gov.in

- a. The Technical Bid along with supporting printed catalogue published by the principal manufacturer of the items quoted and detailed terms and conditions, complete in all respects with proper seal and signature of authorized person with name, designation, email id and contact no.

In case bidder requires any clarifications / information, they may contact ICAR –Indian Institute of Spices Research, Post Bag No: 1701, Marikunnu Post, Kozhikode -673 012, Kerala, India Tel No.: EPABX: 0091- 495 2731410, 2730906, 2731345 E-mail: store.spices@icar.gov.in, director.spices@icar.gov.in

ANNEXURE II: INSTRUCTIONS TO BIDDERS (ITB)

1. Locations for the Supply:

The entire products as described in Schedule of Requirements must be supplied at ICAR-IISR Kozhikode, Kerala

2. Delivery Period:

All the items covered in the Schedule of Requirements (Annexure – IV) must be supplied within 2-3 weeks from the date of placement of order.

3. Order Placements:

The Supply Order shall be released by: ICAR –Indian Institute of Spices Research, Post Bag No: 1701, Marikunnu Post, Kozhikode -673 012, Kerala,India Tel No.: EPABX: 0091- 495 2731410, 2730906, 2731345 E-mail: store.spices@icar.gov.in, director.spices@icar.gov.in

The payments shall be released by: ICAR –Indian Institute of Spices Research, Post Bag No: 1701, Marikunnu Post, Kozhikode -673 012, Kerala,India Tel No.: EPABX: 0091- 495 2731410, 2730906, 2731345 E-mail: store.spices@icar.gov.in, director.spices@icar.gov.in

4. Eligibility Criteria:

- a. The bidder should have executed similar type of orders with other Central / State /PSU /Govt. Societies for a minimum of 2` years.
- b. The bidders should submit the required documents / financial instruments as stipulated.
- c. The bidder must not be blacklisted by IISR or any other Educational/R&D/Govt. organizations. A certificate or undertaking to this effect must be submitted.

Note: The bidders should provide sufficient documentary evidence to support the eligibility criteria. IISR reserves the right to reject any bid not fulfilling the eligibility criteria.

5. Amendment to Bidding Documents

5.1 At any time prior to the deadline for submission of bids, IISR may, for any reason,whether on its own initiative or in response to the clarification request by a prospective bidder, modify the bid document.

5.2 IISR at its discretion may extend the deadline for the submission of bids if it thinks necessary to do so or if the bid document undergoes changes during the bidding period, in order to give prospective bidders time to take into consideration the amendments while preparing their bids.

8. Period of validity of bids

- 8.1 Bids shall be valid for minimum 180 days from the date of submission. A bid valid for a shorter period shall stand rejected.

9. Bid Opening & Evaluation of Bids

- 11.1 **The technical bids will be evaluated in two steps.**

- The bids will be examined based on eligibility criteria stipulated at Para 4 of Annexure – II to shortlist the eligible bidders.
- The technical bids of only the short listed eligible bidders shall be evaluated based on technical specifications stipulated at Annexure – IV.

13 Award of Contract

- 13.1 ICAR-IISR Kozhikode shall award the contract to the eligible bidder whose technical bid has been accepted and determined as the lowest evaluated commercial bid based on the Grand Total calculated of all items + taxes etc. of the Commercial Bids. However, ICAR-IISR Kozhikode reserves the right and has sole discretion to reject the lowest evaluated bid.
- 13.2 If more than one bidder happens to quote the same lowest price, ICAR-IISR Kozhikode reserves the right to decide the criteria and further process for awarding the contract, decision of IISR shall be final for awarding the contract.

14 Purchaser's Right to amend / cancel

- 14.1 ICAR-IISR Kozhikode reserves the right to amend the eligibility criteria, Commercial terms & conditions, Scope of Supply, technical specifications etc.
- 14.2 ICAR-IISR Kozhikode reserves the right to cancel the entire tender without assigning any reasons thereof.

ANNEXURE III: SPECIAL CONDITIONS OF CONTRACT (SCC)

1. Prices

- 1.1. The price quoted shall be considered firm and no price escalation will be permitted. GST rate should be separately.
- 1.3. The prices quoted must be inclusive of all other taxes, packing & forwarding, freight, insurance, customs clearance and allied charges till destination. The rate of taxes, charges must be mentioned in the 'commercial bid format'. IISR will arrange to issue customs duty exemption certificate, subject to bidder completing the documentation requirements.

5. Payments:

- 5.1. 100% after Delivery, installation and acceptance by ICAR-IISR Kozhikode within 90 Days through NEFT or PFMS – TSA

ANNEXURE – IV: SCHEDULE OF REQUIREMENTS
Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae Family
(PIC105572)

SL. NO	Item name	Specification	Quantity	Unit of Measure
1.	Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae Family	<ol style="list-style-type: none"> Number of plant samples: 875 Genome Size: ~800 Mb to 1.1 GB Sample Types: Leaf/dried berry/rhizome RNA stabilization solution of around 5 ml per sample should be provided by the service provider for preservation until transport. The plant samples will be provided at a time or in convenient batches as per discussion with the bidding 	875	Samples

		<p>firm.</p> <p>6. The bidding firm shall arrange sample pickup and safe transport of samples from the institute to their laboratory. Any delays or loss of samples during pickup, transit and processing shall be the responsibility of the bidding firm.</p> <p>7. A branded and validated plant DNA extraction kit should be used to perform genomic DNA extraction by the bidding firm.</p> <p>8. The QC of extracted DNA must be carried out using only</p>		
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		<p>Agarose Gel Electrophoresis and Qubit 4.0 Fluorometer.</p> <p>These two methods are mandatory, and no alternative QC approaches will be accepted.</p> <p>9. PCR-free libraries must be prepared using the Illumina TruSeq DNA PCR-Free kit from high-quality extracted DNA. Standard WGS PCR-based libraries will not be accepted. Raw data without trimming must be shared.</p> <p>10. QC of fragment size distribution (Bioanalyzer) as</p>		
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		<p>well as quantity and purity of DNA library to be shared with the Project investigator and get approval before sequencing.</p> <p>11. Sequencing</p> <p>Module:</p> <p>Illumina</p> <p>NovaSeq X</p> <p>platform; Read length: PE150; ~15X Coverage; Clean Data</p> <p>Output: ~15 GB per sample with Q30>90%</p> <p>12. Read Statistics, Data QC and quality-based filtering reports should be shared.</p> <p>13. Report should include details of Genome Alignment to reference &</p>		
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		<p>read-mapping coverage and a minimum of 80% mapping rate to the reference genome is compulsory, with a minimum percentage of 15% duplicate reads.</p> <p>14. Hyper variable di, tri, tetra and complex SSR markers to be mined from the genome for genotyping.</p> <p>15. SSR Primers (minimum 100 markers) to be designed, synthesized and procured and validated by PCR in selected genotypes (minimum 50 genotypes) and</p>		
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		<p>silver staining gel, scoring, and genetic diversity, population structure, kinship study and linkage disequilibrium analysis to be done.</p> <p>16. SNPs, InDels & annotation with the coding region to be included in the analysis.</p> <p>17. Genome wide Association analysis to be carried out for all the genotypes to identify marker trait associations across the population (for efficient and reliable SNP panel design)</p>		
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		<p>18. Bidding firm should provide high quality outputs suitable for publishing in high rated journals.</p> <p>19. Time to time reports on work progress to be provided to Scientist and trouble shooting in case of any issues will be based on the instructions of the Scientist only. A dedicated project manager to be fixed as a single point of contact and conduct bi-weekly progress review meetings with the PI and team. All issues or queries must</p>		
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		<p>be addressed within 12 hours of communication.</p> <p>20. The bidding firm must store and secure the data for a minimum of 2 years and deliver to the PI an encrypted hard drive (≥ 25 TB) containing both raw and processed data, along with cloud-based access through secured login credentials.</p> <p>Confidentiality of the data and experimental details should be maintained and should not be shared with a third party.</p> <p>21. Bidding firm should aid in</p>		
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		<p>NCBI submission of the data if requested by the Indenter.</p> <p>22. Only ISO certification of ISO/TS 22692:2020 specifically meant for DNA sequencing and Genomics Informatics tools will be considered and proof to be submitted by the bidding firm along with the tender.</p> <p>23. Bidding firm should have in-house lab facility and access to sequencing platform, proof of the same has to be provided by the firm.</p>		
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		<p>24. The bidding firm must demonstrate prior experience of at least five years in handling diverse plant samples and should have successfully completed at least 15 projects from public funded organizations dealing with plants supported by documented references.</p> <p>25. No additional or hidden charges shall be claimed by the bidding firm at any stage of the project execution. Any attempt to raise a cost variation</p>		
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		<p>or request additional payment after award of contract will be considered a breach of tender terms and the bidding firms will be blacklisted by the Institute.</p> <p>26. It is mandatory for the bidding firms to provide a compliance statement in the form of a table stating yes/no to the indented specifications and deviations if any (even if it is a higher specification) with proper justification.</p>		
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TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head).

To:
Director
ICAR-Indian Institute of Spices Research
Marikunnu (PO)
Kozhikode – 673012
Kerala

SUB: Acceptance of Terms & Conditions of Tender.
Tender Reference No: **Tender No: F.No.4/993/2025-26/Corpus Fund/Stores**

Name of Tender: **Generating Toxicological Data for Primary Cultures of 3 Biocontrol Organisms and Biocapsule Formulation of Trichoderma.**

Dear Sir,

I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: store.spices@icar.gov.in, director.spices@icar.gov.in etc.; as per your NIT / advertisement, given in the above-mentioned website(s).

1. I / We hereby certify that I / We have read the entire terms and conditions of the tender documents from Page No.1 to 14 (including all documents like annexure(s), schedules(s), etc.), which form part of the contract agreement and I / We shall abide hereby by the terms / conditions/ clauses contained therein.
2. The corrigendum(s) issued from time to time by your department / organization too has also been taken into consideration, while submitting this acceptance letter.
3. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(S) / corrigendum(s) in its totality / entirety.
4. I / We do hereby declare that our Firm has not been blacklisted / debarred by any Govt. Department/Public sector undertaking.
5. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the fully said earnest money deposit absolutely.

Yours Faithfully,

Authorized Signatory.

(Signature of the Bidder, with Official Seal)
Email id for correspondence.

Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae family

1. Number of plant samples: 875
2. Genome Size: ~800 Mb to 1.1 GB
3. Sample Types: Leaf/dried berry/rhizome
4. RNA stabilization solution of around 5 ml per sample should be provided by the service provider for preservation until transport
5. The plant samples will be provided at a time or in convenient batches as per discussion with the bidding firm
6. The bidding firm shall arrange sample pickup and safe transport of samples from the institute to their laboratory. Any delays or loss of samples during pickup, transit and processing shall be the responsibility of the bidding firm.
7. A branded and validated plant DNA extraction kit should be used to perform genomic DNA extraction by the bidding firm.
8. The QC of extracted DNA must be carried out using only Agarose Gel Electrophoresis and Qubit 4.0 Fluorometer. These two methods are mandatory, and no alternative QC approaches will be accepted.
9. PCR-free libraries must be prepared using the Illumina TruSeq DNA PCR-Free kit from high- quality extracted DNA. Standard WGS PCR-based libraries will not be accepted. Raw data without trimming must be shared.
10. QC of fragment size distribution (Bioanalyzer) as well as quantity and purity of DNA library to be shared with the Project investigator and get approval before sequencing.
11. Sequencing Module: Illumina NovaSeq X platform; Read length: PE150; ~15X Coverage; Clean Data Output: ~15 GB per sample with Q30>90%
12. Read Statistics, Data QC and quality-based filtering reports should be shared
13. Report should include details of Genome Alignment to reference & read-mapping coverage and a minimum of 80% mapping rate to the reference genome is compulsory, with a minimum percentage of 15% duplicate reads.
14. Hyper variable di, tri, tetra and complex SSR markers to be mined from the genome for genotyping

15. SSR Primers (minimum 100 markers) to be designed, synthesized and procured and validated by PCR in selected genotypes (minimum 50 genotypes) and silver staining gel, scoring, and genetic diversity, population structure, kinship study and linkage disequilibrium analysis to be done
16. SNPs, InDels & annotation with the coding region to be included in the analysis.
17. Genome wide Association analysis to be carried out for all the genotypes to identify marker trait associations across the population (for efficient and reliable SNP panel design)
18. Bidding firm should provide high quality outputs suitable for publishing in high rated journals
19. Time to time reports on work progress to be provided to Scientist and trouble shooting in case of any issues will be based on the instructions of the Scientist only. A dedicated project manager to be fixed as a single point of contact and conduct bi-weekly progress review meetings with the PI and team. All issues or queries must be addressed within 12 hours of communication.
20. The bidding firm must store and secure the data for a minimum of 2 years and deliver to the PI an encrypted hard drive (≥ 25 TB) containing both raw and processed data, along with cloud-based access through secured login credentials. Confidentiality of the data and experimental details should be maintained and should not be shared with a third party
21. Bidding firm should aid in NCBI submission of the data if requested by the Indenter
22. Only ISO certification of ISO/TS 22692:2020 specifically meant for DNA sequencing and Genomics Informatics tools will be considered and proof to be submitted by the bidding firm along with the tender.
23. Bidding firm should have in-house lab facility and access to sequencing platform, proof of the same has to be provided by the firm
24. The bidding firm must demonstrate prior experience of at least five years in handling diverse plant samples and should have successfully completed at least 15 projects from public funded organizations dealing with plants supported by documented references.
25. No additional or hidden charges shall be claimed by the bidding firm at any stage of the project execution. Any attempt to raise a cost variation or request additional payment after award of contract will be considered a breach of tender terms and the bidding firms will be blacklisted by the institute.
26. It is mandatory for the bidding firms to provide a compliance statement in the form of a table stating yes/no to the indented specifications and deviations if any (even if it is a higher specification) with proper justification.

COMPLIANCE REPORT

Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae family

1. Number of plant samples: 875

2. Genome Size: ~800 Mb to 1.1 GB

3. Sample Types: Leaf/dried berry/rhizome

Sl.No.	General requirements:	Compiled	Not Compiled	Remarks
1	Number of plant samples: 875			
2	Genome Size: ~800 Mb to 1.1 GB			
3	Sample Types: Leaf/dried berry/rhizome			
4	RNA stabilization solution of around 5 ml per sample should be provided by the service provider for preservation until transport.			
5	The plant samples will be provided at a time or in convenient batches as per discussion with the bidding firm			
6	The bidding firm shall arrange sample pickup and safe transport of samples from the institute to their laboratory. Any delays or loss of samples during pickup, transit and processing shall be the responsibility of the bidding firm.			
7	A branded and validated plant DNA extraction kit should be used to perform genomic DNA extraction by the bidding firm.			
8	The QC of extracted DNA must be carried out using only Agarose Gel Electrophoresis and Qubit 4.0 Fluorometer. These two methods are mandatory, and no alternative QC approaches will be accepted.			
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11	Sequencing Module: Illumina NovaSeq X platform; Read length: PE150; ~15X Coverage; Clean Data Output: ~15 GB per sample with Q30>90%			
12	Read Statistics, Data QC and quality-based filtering reports should be shared.			
13	Report should include details of Genome Alignment to reference & read-mapping coverage and a minimum of 80% mapping rate to the reference genome is compulsory, with a minimum percentage of 15% duplicate reads.			
14	Hyper variable di, tri, tetra and complex SSR markers to be mined from the genome for genotyping.			
15	SSR Primers (minimum 100 markers) to be designed, synthesized and procured and validated by PCR in selected genotypes (minimum 50 genotypes) and silver staining gel, scoring, and genetic diversity, population structure, kinship study and linkage disequilibrium analysis to be done.			
16	SNPs, InDels & annotation with the coding region to be included in the analysis.			
17	Genome wide Association analysis to be carried out for all the genotypes to identify marker trait associations across the population (for efficient and reliable SNP panel design).			
18	Bidding firm should provide high quality outputs suitable for publishing in high rated journals.			
19	Time to time reports on work progress to be provided to Scientist and trouble shooting in case of any issues will be based on the instructions of the Scientist only. A dedicated project manager to be fixed as a single point of contact and conduct bi-weekly progress review meetings with the PI and team. All issues or queries must be addressed within 12 hours of communication.			
20	The bidding firm must store and secure the data for a minimum of 2 years and deliver to the PI an encrypted hard drive (≥25 TB) containing both raw and processed data, along with cloud-based access through secured login credentials. Confidentiality of the data and experimental details should be maintained and should not be shared with a third party.			
21	Bidding firm should aid in NCBI submission of the data if requested by the Indenter.			
22	Only ISO certification of ISO/TS 22692:2020 specifically meant for DNA sequencing and Genomics Informatics tools will be considered and proof to be submitted by the bidding firm along with the tender.			
23	Bidding firm should have in-house lab facility and access to sequencing platform, proof of the same has to be provided by the firm			
24	The bidding firm must demonstrate prior experience of at least five years in handling diverse plant samples and should have successfully completed at least 15 projects from public funded organizations dealing with plants supported by documented references.			
25	No additional or hidden charges shall be claimed by the bidding firm at any stage of the project execution. Any attempt to raise a cost variation or request additional payment after award of contract will be considered a breach of tender terms and the bidding firms will be blacklisted by the institute.			
26	It is mandatory for the bidding firms to provide a compliance statement in the form of a table stating yes/no to the indented specifications and deviations if any (even if it is a higher specification) with proper justification.			



भाकृअनुप - भारतीय मसाला फसल अनुसंधान संस्थान
ICAR-INDIAN INSTITUTE OF SPICES RESEARCH
(भारतीय कृषि अनुसंधान परिषद Indian Council of Agricultural Research)
GST No: 32AAAAI1830P3ZQ



GENERAL TERMS AND CONDITIONS

1. Your pre-receipted bill in triplicate drawn in the name of “The Director, Indian Institute of Spices Research, Marikkunnu Po, Kozhikode-673012” may be send to the consignee together with the supporting documents/certificate/voucher/delivery receipt/ challan etc. for arranging payment after obtaining satisfactory installation certificate from the consignee.
2. Payment will be made through e-transfer at satisfactory completion of the supply and installation of materials. Please furnish your Bank Details along with the Bill duly signed by the Bank Authority for making payment through e-transfer(RTGS/NEFT/PFMS).
3. The rate accepted id for delivery at **ICAR- Indian Institute of Spices Research, Marikkunnu PO, Kozhikode-673012 on F.O.R basis**
4. Any other conditions in your tender/quotation/ proforma invoice/R.C. which is not specifically agreed to, is not acceptable to us.
5. **LIQUIDATED DAMAGES:-**
An amount at the rate of 0.5% per week or part thereof subject to maximum of 10% of the cost will be collected from you for delay supply.
6. **Performance Security @5% of total value will be deposited to the Institute’s account in form of Bank Guarantee or D.D. in favour of “ICAR unit- Indian Institute of Spices Research”, payable at Kozhikode before supply of the equipment**
7. While submitting the bill to ensure to quote our **GST No:32AAAAI1830P3ZQ**.
8. Kindly ensure payment of GST and filing of GST in due course. The payment will be released only after verifying the GST filing.



Report ID: GEM/GARPTS/02092025/RJ7633JM80OR

Report Name: Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae Family

Generated By: Rebeena N , Department of Agricultural Research and Education (DARE) , Ministry of Agriculture and Farmers Welfare

Generated On: 02/09/2025

Valid till: 02/10/2025

GeM Availability Report and Past Transaction Summary

GeM Availability Report and past transaction summary report is generated based on the specifications searched by the Buyer. The specification may be modified appropriately for searching relevant categories on GeM. Buyer may navigate to GeM category page by clicking on the category link to view category specifications and products/services available in the category.

Order Count and Order Value displayed is on a cumulative basis since GeM inception.

1. Search String: Whole genome resequencing of genetic stocks of Piperaceae and Zingiberaceae Family

Search type: Product

Search Result: Category not available on GeM for the text string searched by the buyer.

This is a one-time requirement hence new category creation is not proposed / or requirement is recurring but request for new category creation will be submitted separately post generation of GeMARPTS.

Estimated Value Of Procurement: ₹ 7250.0

Undertaking for Custom Bid / BoQ Creation on GeM

(to be filled by the Competent Authority)

File number: 4/1020/2025-26 / sequencing (i) - genome stores Date: 03/09/2023

Subject: Undertaking for Creation of Custom Bid / BoQ for Goods / Services required on GeM

1. Goods / Services Required (Please specify the exact goods / services required):

Whole genome resequencing

2. Search String Used in the GeM Availability Report & Past Transaction Summary (Please state the exact search string used to find suitable categories):

Whole genome resequencing of genetic stocks of Piperaceae and zingiberaceae family.

3. GARPTS ID (mention GeM Availability Report ID):

GeM/GARPTS/02092025/RJ 7633JM 80 OR

4. Categories which will be selected for sending notification from GeM:

Category 1: (Category name) Not available

Category 2: (Category name)

Category 3: (Category name)

5. Undertaking:

I acknowledge that the creation of a custom bid/BOQ is an exceptional process, warranted only when categories are unavailable on GeM for the required goods/services. I, (Your Name), undertake to the following:

1. Our office/organization has diligently conducted a comprehensive search using the provided search parameters, confirming the absence of relevant categories for goods/services.
2. To the best of our knowledge, our office/organization has provided an accurate and detailed description of the required goods/services in para 1 above.
3. We have meticulously selected the most relevant categories for notification in para 4 above.
4. Our office/organization stands fully prepared to justify the necessity for a custom bid/BOQ to GeM upon request.


Signature

(Name of Competent Authority)

(Designation, Organization, Department, State)

Note - This undertaking will be attached to BoQ/Custom bid published and will be available in public domain.