



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/5714713
Dated/दिनांक : 16-12-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	27-12-2024 09:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	27-12-2024 09:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Agriculture And Farmers Welfare
Department Name/विभाग का नाम	Department Of Agricultural Research And Education (dare)
Organisation Name/संगठन का नाम	Indian Council Of Agricultural Research (icar)
Office Name/कार्यालय का नाम	Icar-national Research Centre On Yak, Dirang, Arunachal Pradesh
Item Category/मद केटेगरी	Nucleic Acid Sequencing and Genotyping Service - DNA sequencing, Genotyping, Genome Characterization and Structural variant Discovery using PacBio Sequel II; Animal; Human / Animal Tissue, Nucleic acids (DNA or RNA); To be collected by the service p.. , Nucleic Acid Sequencing and Genotyping Service - Axiom custom SNP Array Chip Development 96 array format SNP Validation and Axiom SNP Genotyping; Animal; Human / Animal Tissue, Nucleic acids (DNA or RNA), Whole genome sequencing data; To be collecte.. , Nucleic Acid Sequencing and Genotyping Service - RNA Sequencing / Transcriptome Sequencing, Genotyping, Custom sequencing and research services, Custom sequencing and research services and Custom bioinformatics analysis; Animal; Human / Animal Tissue..
Contract Period/अनुबंध अवधि	1 Year(s)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (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 the buyer

Bid Details/बिड विवरण

Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Evaluation Method/मूल्यांकन पद्धति	Item wise evaluation/
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) /ईपीबीजी प्रतिशत (%)	3.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	15

(a). 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

ICAR-National Research Centre On Yak, Dirang, Arunachal Pradesh, Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare (The Director)

MII Compliance/एमआईआई अनुपालन

MII Compliance/एमआईआई अनुपालन	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. 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.
4. 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.
5. 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.

Additional Qualification/Data Required/अतिरिक्त योग्यता /आवश्यक डेटा

Scope of Work:[1734359345.pdf](#)

Payment Terms:[1734359350.pdf](#)

Any Other Requirement by Buyer:[1734359326.pdf](#)

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Item/Category	Quantity
Schedule 1	Nucleic Acid Sequencing And Genotyping Service - Dna Sequencing, Genotyping, Genome Characterization And Structural Variant Discovery Using Pacbio Sequel Ii; Animal; Human / Animal Tissue, Nucleic Acids (dna Or Rna); To Be Collected By The Service P..	Number of samples : 48
Schedule 2	Nucleic Acid Sequencing And Genotyping Service - Axiom Custom Snp Array Chip Development 96 Array Format Snp Validation And Axiom Snp Genotyping; Animal; Human / Animal Tissue, Nucleic Acids (dna Or Rna), Whole Genome Sequencing Data; To Be Collecte..	Number of samples : 1
Schedule 3	Nucleic Acid Sequencing And Genotyping Service - Rna Sequencing / Transcriptome Sequencing, Genotyping, Custom Sequencing And Research Services, Custom Sequencing And Research Services And Custom Bioinformatics Analysis; Animal; Human / Animal Tissue..	Number of samples : 500

Nucleic Acid Sequencing And Genotyping Service - DNA Sequencing, Genotyping, Genome Characterization And Structural Variant Discovery Using PacBio Sequel II; Animal; Human / Animal Tissue, Nucleic Acids (DNA Or RNA); To Be Collected By The Service P.. (48)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Type of sequencing exercise to be done	DNA sequencing , Genotyping , Genome Characterization and Structural variant Discovery using PacBio Sequel II
Type of organism for sequencing	Animal
Type of sample	Human / Animal Tissue , Nucleic acids (DNA or RNA)
Sample collection option	To be collected by the service provider from the buyer
Which Chemistry / Platform you require	Pac Bio
What quality reads per sample do you require	90% 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 , Tertiary analysis , Modelling study
Data Delivery Mode	Physical media , Cloud storage
Data delivery timeframe	1 year
What kind of QC parameters are required	Additional or extra QC parameters
Model of sequencing facility to be followed	Inhouse

Specification	Values
Model of bioinformatics analysis facility to be followed	Inhouse , Hybrid , Collaborative
Consent for the sample to be sent abroad for testing	No
Testing Lab Accreditations Certifications	ISO/TS 22692:2020 Genomics informatics— Quality control metrics for DNA sequencing , DSIR certificate
Addon(s)/एडऑन	

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of samples	Additional Requirement/अतिरिक्त आवश्यकता
1	Martina Pukhrambam	790101,ICAR-NRC ON YAK, DIRANG, WEST KAMENG DISTRICT, PIN-790101	48	N/A

Nucleic Acid Sequencing And Genotyping Service - Axiom Custom SNP Array Chip Development 96 Array Format SNP Validation And Axiom SNP Genotyping; Animal; Human / Animal Tissue, Nucleic Acids (DNA Or RNA), Whole Genome Sequencing Data; To Be Collecte.. (1)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Type of sequencing exercise to be done	Axiom custom SNP Array Chip Development 96 array format SNP Validation and Axiom SNP Genotyping
Type of organism for sequencing	Animal
Type of sample	Human / Animal Tissue , Nucleic acids (DNA or RNA) , Whole genome sequencing data
Sample collection option	To be collected by the service provider from the buyer
Which Chemistry / Platform you require	Gene Titan , Illumina
What quality reads per sample do you require	90% and above
What depth /coverage do you require	50x

Specification	Values
Service required for number of samples to be analyzed	High throughput
What kind of output data is required	Raw data , Primary analysis , Secondary analysis , Tertiary analysis , Modelling study
Data Delivery Mode	Physical media , Cloud storage
Data delivery timeframe	1 year
What kind of QC parameters are required	Additional or extra QC parameters
Model of sequencing facility to be followed	Inhouse
Model of bioinformatics analysis facility to be followed	Inhouse , Hybrid , Collaborative
Consent for the sample to be sent abroad for testing	No
Testing Lab Accreditations Certifications	ISO/TS 22692:2020 Genomics informatics— Quality control metrics for DNA sequencing , DSIR certificate
Addon(s)/एडऑन	

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of samples	Additional Requirement/अतिरिक्त आवश्यकता
1	Martina Pukhrambam	790101,ICAR-NRC ON YAK, DIRANG, WEST KAMENG DISTRICT, PIN-790101	1	N/A

Nucleic Acid Sequencing And Genotyping Service - RNA Sequencing / Transcriptome Sequencing, Genotyping, Custom Sequencing And Research Services, Custom Sequencing And Research Services And Custom Bioinformatics Analysis; Animal; Human / Animal Tissue.. (500)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Type of sequencing exercise to be done	RNA Sequencing / Transcriptome Sequencing , Genotyping , Custom sequencing and research services , Custom sequencing and research services and Custom bioinformatics analysis

Specification	Values
Type of organism for sequencing	Animal
Type of sample	Human / Animal Tissue , Nucleic acids (DNA or RNA) , Whole genome sequencing data
Sample collection option	To be collected by the service provider from the buyer
Which Chemistry / Platform you require	Gene Titan , Illumina
What quality reads per sample do you require	90% 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 , Tertiary analysis , Modelling study
Data Delivery Mode	Physical media , Cloud storage
Data delivery timeframe	1 year
What kind of QC parameters are required	Additional or extra QC parameters
Model of sequencing facility to be followed	Inhouse
Model of bioinformatics analysis facility to be followed	Inhouse , Hybrid , Collaborative
Consent for the sample to be sent abroad for testing	No
Testing Lab Accreditations Certifications	ISO/TS 22692:2020 Genomics informatics— Quality control metrics for DNA sequencing , DSIR certificate
Addon(s)/एडऑन	

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of samples	Additional Requirement/अतिरिक्त आवश्यकता
1	Martina Pukhrambam	790101,ICAR-NRC ON YAK, DIRANG, WEST KAMENG DISTRICT, PIN-790101	500	N/A

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

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

Disclaimer/अस्वीकरण

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

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
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.

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 governed by the [General Terms and Conditions/सामान्य नियम और शर्तें](#), 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 General Terms and Conditions/सामान्य नियम और शर्तें is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

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---