



Bid Number/बोली क्रमांक (बिड संख्या): GEM/2024/B/563'

Dated/दिनांक : 22-11-

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	13-12-2024 21:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	13-12-2024 21:30:00
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-nrc On Pig, Rani, Guwahati-781131, Assam
Item Category/मद केटेगरी	Nucleic Acid Sequencing and Genotyping Service - proteomic analysis and detailed bioinformatics of boar semen samples; per scope of work; As per scope of work; As per scope of wor As per scope of work; As per scope of work; 10x; As per scop ..
Contract Period/अनुबंध अवधि	1 Month(s) 16 Day(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) *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
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	No
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

Bid Details/बिड विवरण

Evaluation Method/मूल्यांकन पद्धति	Total value 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).	14

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

Beneficiary/लाभार्थी :

Asstt. Administrative Officer

Icar-nrc On Pig, Rani, Guwahati-781131, Assam, Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare
(Uttam Prakash)

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 offer 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 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 the bidder is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference 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 will be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Nucleic Acid Sequencing And Genotyping Service - Proteomic Analysis And Detailed Bioinformatics Of Boar Semen Samples; As Per Scope Of Work; As Per Scope Of Work; As Per Scope Of Work; As Per Scope Of Work; 10x; As Per Scope Of .. (9

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Type of sequencing exercise to be done	proteomic analysis and detailed bioinformatics of boar semen samples
Type of organism for sequencing	As per scope of work
Type of sample	As per scope of work
Sample collection option	As per scope of work
Which Chemistry / Platform you require	As per scope of work
What quality reads per sample do you require	As per scope of work
What depth /coverage do you require	10x
Service required for number of samples to be analyzed	As per scope of work

Specification	Values
What kind of output data is required	As per scope of work
Data Delivery Mode	Physical media
Data delivery timeframe	30 days
What kind of QC parameters are required	As per scope of work
Model of sequencing facility to be followed	Inhouse , As per scope of work
Model of bioinformatics analysis facility to be followed	Inhouse
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 Mec laboratories — Requirements for quality and competence , ISO/IEC 17025 Testing and Calibration Laboratories , 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	Sunil Kumar	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	9	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

2. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Gem Bid Document for proteomic analysis and detailed bioinformatics of boar semen samples

SCOPE OF WORK

The technical specifications are mentioned hereunder

Nature of items	: Service
Number of samples	: 09

1 Label free quantitative proteomics analysis of boar sperm a detailed bioinformatics analysis:

2.Extraction and digestion of proteins, mass spectrometry (MS/MS), searching of MS/MS data against the swine reference proteome data base, protein identification, bioinformatics' analysis, a network generation (Protein class analysis of differentially expressed proteins based on molecular functions, biological processes and cellular component, protein-protein interaction (PPI) network volcano plot among different groups, heat map, expression fold change, annotation, volcano plot, PCA plots, PLS-DA, ven diagram principle component analysis etc.)

- Extraction of sperm proteins should be done using standard protocols and should be carried out using a combination of solvents to extract maximum proteins. Seminal free sperm protein extraction and analysis should be done.
- The bidder/firm has to provide all the standards required for analysis.
- Method development and validation is must to do before samples processing.
- Customized databases should also be included.
- Shall perform expression studies and comparative studies including indicating the number of proteins identified etc.
- Online data (minimum 2 GB data per sample) and report should be presented to the client after the completion of the project.
- Firm should perform repeat testing of samples which fails QC and/or on producing unsatisfactory results, free of cost.

- Sample collection and appropriate transportation should be performed by the bidder from the laboratory at ICAR-NRC on Pig.
- The firm should undertake the extraction of proteins from the samples provided to the laboratory using standard protocols.
- Service provider must have facility for the quoted service and bioinformatics team analysis of data. Institute reserves the right to verify the facility and if required may visit to bidders' facility.

PREPARATION OF TECHNICAL BID

The Technical bid shall contain following documents failing which the bids considered invalid and will be rejected.

1. Information schedule as per enclosed performa (**Annexure-I**).
2. Copy of TAN/PAN card.
3. Copy of GST certificate.
4. Trade License/Registration Certificate/MSME Registration Certificate.
5. Annual Turnover Certificate of the last 3 years. The average annual turnover should be at least 3 lakhs. **(Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption for submission of Annual Turnover Certificate. Traders are excluded from the purview of this Policy and no exemption provided to the traders.)**
6. Submit/Upload at least 01 Number (one number) of work order awarded for similar work from any Govt./PSU/University/Autonomous bodies/Reputed Companies. The exemption criteria is exempted to MSME/Startup firms as per the rules. **Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption for submission of work order copy. Traders are excluded from the purview of this Policy and no exemption will be provided to the traders.**
7. The bidder should submit the compliance statement in the prescribed format as per **Annexure-II**.
8. The bidder should submit the Tender Acceptance Letter in the prescribed format as per **Annexure-III**.
9. The bidder should submit the Make In India (MII) compliance statement in the prescribed format as per **Annexure-IV. The Make in India certificate should be submitted by the OEM only.**

***Bidders should ensure that all the documents submitted are genuine.**

ny documents are found to be fabricated or falsified the bid, contract, awarded will be rejected/cancelled and appropriate action including blasting and legal options will be taken. The institute reserves the right to verify the authenticity of documents (UDIN/UDYAM/MSME) submitted at the bidder will be required to produce the original document for verification, if required at ICAR-NRC on Fig.

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PREPARATION OF FINANCIAL BID

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Firm shall quote rates which shall be inclusive of all labour cost, material/spare cost, transportation & conveyance charges, administrative charges, monitoring and supervisory charges, agency profit, GST/Taxes etc.

Sd/-

Asstt. Administrative

fficer

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ANNEXURE-I

Information Schedule

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(Shall be submitted by the bidder in their letter head)

1.	Name of the Firm/Agency.	
2.	Address with Tel. No./Fax/E-mail.	
3.	Contract Person Name and Mobile No.	
4.	Bank Account No. Branch Code Bank Name	

5.	Whether all 10 Nos of documents as required/mentioned in Preparation of Technical Bids are uploaded/submitted.	Yes/No
6.	Whether the firm has any legal suit/criminal case pending against it or contemplated against them. If Yes, details thereof	Yes/No
7.	Whether the Agency had been blacklisted by any organization. If Yes, details thereof.	Yes/No

I/ we hereby certify that the information furnished above is correct and true to the best of our knowledge. We understand that in the event of information being found false at any stage, the agency will be blacklisted and will have no dealing with ICAR, Institutes.

Signature and Seal of the Bidder

Business

Address

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ANNEXURE II

Compliance statement in the prescribed format

The technical specifications are mentioned hereunder:

Sl. No.	Services with complete specification	Qty.	Quoted/Not Quoted (Please mention the Make and Model No. of the Product)	Compliance to the required Specifications (S/No)
1	<p>1. Label free quantitative proteomics analysis of boar sperm and detailed bioinformatics analysis:</p> <p>2. Extraction and digestion of proteins, mass spectrometry (MS/MS), searching of MS/MS data against the swine reference proteome data base, protein identification, bioinformatics' analysis, and network generation (Protein class analysis of differentially expressed proteins based on molecular functions, biological process, and cellular component, protein-protein interaction (PPI) network, volcano plot among different groups, heat map, expression fold change, annotation, volcano plot, PCA plots, PLS-DA, ven diagrams, principle component analysis etc.)</p> <p>Extraction of sperm proteins should be done using standard protocols and should be carried out using a combination of solvents to extract maximum proteins. Seminal gel free sperm protein extraction and analysis should be done.</p> <p>The bidder/firm has to provide all t</p>	01 pack (09 samples)		

	<p>he standards required for analysis.</p> <ul style="list-style-type: none"> · Method development and validation is must to do before samples processing. · Customized databases should also be included. · Shall perform expression studies and comparative studies including indicating the number of proteins identified etc. · Online data (minimum 2 GB data per sample) and report should be presented to the client after the completion of the project. · Firm should perform repeat testing of samples which fails QC and/or on producing unsatisfactory results, free of cost. · Sample collection and appropriate transportation should be performed by the firm/bidder from the laboratory at ICAR-NRC on Fig. · The firm should undertake the extraction of proteins from the samples provided by the laboratory using standard protocols. · Service provider must have facility for the quoted service and bioinformatics team for analysis of data. Institute reserves the right to verify the facility and if required may visit to bidders' facility. 			
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Please provide necessary documentary evidence that the Service provider has the facility for the quoted service and bioinformatics team for analysis of data.

Signature and Seal of the B

Business Ad

ANNEXUR

TENDER ACCEPTANCE LETTER

Date:

To,

**The Director,
ICAR-NRC on Pig
Rani, Guwahati -781131
Assam**

Dear Sir,

The Bid documents/corrigendum(s) issued forvide **GeI
d No**..... by your department/organization has been taken into con
sideration, while submitting this acceptance letter.

I/We hereby unconditionally accept all the tender/bid terms & conditions as ment
d in tender/bid document(s)/ corrigendum (s) in its totality/entirety.

I/We do hereby declare that our Firm has not been blacklisted/debarred by any G
overnment Department/Public sector undertaking.

I/We certify that all information furnished by our Firm is true & correct and in the e
vent that the information is found to be incorrect/untrue or found violated, then your c

rtment/ organization shall without giving any notice or reason therefore or summa
reject the bid or terminate the contract, without prejudice to any other rights or re
y including the forfeiture of the fully said earnest money deposit absolutely.

Signature and Seal of the B

Business Ad

3. Buyer Added Bid Specific ATC

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

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority 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 to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If 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 id being 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 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 within 4 days of bid publication on GeM. Buyer is duty bound to reply to 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 with the laws of the country of origin 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 of the country of origin.
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 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 द्वारा 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 का अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---