



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2025/B/5863547
Dated/दिनांक : 24-01-2025

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	14-02-2025 21:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	14-02-2025 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
क्रेता ईमेल/Buyer Email	uttam.prakash@icar.gov.in
Item Category/मद केटेगरी	Nucleic Acid Sequencing and Genotyping Service - Services for Generation of gene knock in porcine cells; As per the scope of work; As per the scope of work; As per the scope of work; As per the scope of work; As per the scope of work; 10x; As per the..
Contract Period/अनुबंध अवधि	1 Month(s)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	3 Lakh (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	Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate *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
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No

Bid Details/बिड विवरण	
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
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	18000

ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

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

Beneficiary/लाभार्थी :

director

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 (Director Nrcp)

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. 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. 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.
5. 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.

Additional Qualification/Data Required/अतिरिक्त योग्यता /आवश्यक डेटा

Scope of Work:[1737704409.pdf](#)

Any Other Requirement by Buyer:[1737704416.pdf](#)

Nucleic Acid Sequencing And Genotyping Service - Services For Generation Of Gene Knock In Porcine Cells; As Per The Scope Of Work; As Per The Scope Of Work; As Per The Scope Of Work; As Per The Scope Of Work; As Per The Scope Of Work; 10x; As Per The.. (1)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Type of sequencing exercise to be done	Services for Generation of gene knock in porcine cells
Type of organism for sequencing	As per the scope of work

Specification	Values
Type of sample	As per the scope of work
Sample collection option	As per the scope of work
Which Chemistry / Platform you require	As per the scope of work
What quality reads per sample do you require	As per the scope of work
What depth /coverage do you require	10x
Service required for number of samples to be analyzed	As per the scope of work
What kind of output data is required	As per the scope of work
Data Delivery Mode	Physical media
Data delivery timeframe	30 days
What kind of QC parameters are required	As per the scope of work
Model of sequencing facility to be followed	As per the scope of work
Model of bioinformatics analysis facility to be followed	Hybrid
Consent for the sample to be sent abroad for testing	No
Testing Lab Accreditations Certifications	National Accreditation Board for Testing & Calibration Laboratories (NABL) , ISO 15189:2012 Medical laboratories — Requirements for quality and competence , 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	Mohan Narayana Harihara Iyer	781131, ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	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 Services

SCOPE OF WORK

The technical specifications are mentioned hereunder:**Nature of the item: Service for Generation of gene knock-in porcine cells**

The work is to generate multiple gene knock-in cells expressing specific genes.

Typically, the service requirement is to

- design, screen and construct gRNA,
- culture of suitable cells
- optimization of transfection
- screening of positive cells and validation
- cell expansion and confirmation of knock-in,
- delivery of vector, cells and detailed experimental protocols.

1. Design of suitable guide RNA for the selected genes and locati

ons in chromosome, synthesis for integration with linear vectors. The final circular vector should have multiple cloning sites. Number of genes to be inserted- Two. The service provider should have more than two guide RNAs designed and tested.

2. Two sets of cells (primary cells such as fibroblasts) to be generated for each knock in one with a fluorescent marker and other without marker.
3. Cell culture, transfection and identification of positive clones, followed by their expansion and confirmation of knock-in.
4. The stepwise progress of work and selection of cells, genes etc. to be done in consultation with ICAR-NRC on Pig.

Deliverables

1. Circular plasmid containing specific guide RNA and Cas nucle ase inserted customized for expression in mammalian cells- 4 sets (for two genes, one with and other without marker) in suitable bacteria.
2. 5 million cells per gene to be delivered. The cells should be free from bacterial, viral, mycoplasma and chemical contamination.
3. Detailed protocols and experimental details.

All items to be delivered at ICAR-NRC on Pig, Rani, Guwahati, Assam

PREPARATION OF TECHNICAL BID

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

1. EMD of (online payment to "ICAR NR Centre on Pig" A/c No. 10029420452, State Bank of India, IF SC Code SBIN0009945, Khanapara Branch and proof of deposits must be uploaded. EMD 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 EMD.**

If the bidder is the manufacturer of the quoted product/services and is a MSE firm, than for claiming EMD exemption, the firm must submit a declaration that they are the original manufacturer of the quoted product/services by mentioning the brand name They should be MSE registration certificate as manufacturer/service provider.Traders are excluded from the purview of this Policy and no exemption will be provided to the traders.

2. Information schedule as per enclosed performa **(Annexure-I)**.
3. Copy of TAN/PAN card.
4. Copy of GST certificate.

5. Trade License/Registration Certificate/MSME Registration Certificate.
6. Annual Turnover Certificate of the last 3 years. The average annual turnover shall be of atleast 3 lakhs. **(Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption for submission of Annual Turnover. Traders are excluded from the purview of this Policy and no exemption will be provided to the traders).**
7. Submit/Upload at least 01 Number (one number) of work order awarded for or similar work from any Govt./PSU/University/Autonomous bodies/Reputed Companies. The experience 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.**
8. The bidder should submit the compliance statement in the prescribed format as per

Annexure-II.

9. The bidder should submit the Tender Acceptance Letter in the prescribed format as per **Annexure-III**
10. The bidder should submit the Make In India (MII) compliance statement in the prescribed format as per **Annexure-IV.**

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

PREPARATION OF FINANCIAL BID

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 Officer

ANNEXURE-I

Information Schedule

(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 Co de 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

ANNEXURE II

Compliance statement in the prescribed format

The technical specifications are mentioned hereunder:

Sl. No.	Name of the Item	Complete Generic Specification	Qty. Required	Quoted/Not Quoted (Please mention the Make and Model No. of the Product)	Complied to the required Specifications (Yes/No)
1.	Service for Generation of gene knock-in porcine cells	<p>The work is to generate multiple gene knock-in cells expressing specific genes. Typically, the service requirement is to</p> <ol style="list-style-type: none">design, screen and construct gRNA,culture of suitable cellsoptimization of transfectionscreening of positive cells and validationcell expansion and confirmation of knock-in,delivery of vector, cells and detailed experimental protocols.	1 set		

- | | | | | |
|--|--|--|--|--|
| | | <ol style="list-style-type: none">1. Design of suitable guide RNA for the selected genes and locations in chromosome, synthesis for integration with linear vectors. The final circular vector should have multiple cloning sites. Number of genes to be inserted- Two. The service provider should have more than two guide RNAs designed and tested.2. Two sets of cells (primary cells such as fibroblasts) to | | |
|--|--|--|--|--|

		<p>be generated for each knock in one with a fluorescent marker and other without marker.</p> <ol style="list-style-type: none"> 3. Cell culture, transfection and identification of positive clones, followed by their expansion and confirmation of knock-in. 4. The stepwise progress of work and selection of cells, genes etc. to be done in consultation with ICAR- NRC on Pig. <p>Deliverables</p> <ol style="list-style-type: none"> 1. Circular plasmid containing specific guide RNA and Cas nuclease inserted customized for expression in mammalian cells- 4 sets (for two genes, one with and other without marker) in suitable bacteria. 2. 5 million cells per gene to be delivered. The cells should be free from bacterial, viral, mycoplasma and chemical contamination. 3. Detailed protocols and experimental details <p>All items to be delivered at ICAR- NRC on Pig, Rani, Guwahati, Assam</p>			
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Signature and Seal of the Bidder

Business Address:

ANNEXURE-III

TENDER ACCEPTANCE LETTER

Date:

To,

**The Director, ICA
R-NRC
n Pig
Rani, Guwahati -78
1131 Assam**

Dear Sir,

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

I/We hereby unconditionally accept all the tender/bid terms & conditions as mentioned 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 Govt. Department/Public sector undertaking.

I/We certify that all information furnished by 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 full y said earnest money deposit absolutely.

Signature and Seal of the Bidder

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 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.

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 [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---