



Bid Number/बोली क्रमांक (बिड संख्या)[:] GEM/2024/B/5654056 Dated/दिनांक : 26-11-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण				
Bid End Date/Time/बिड बंद होने की तारीख/समय	17-12-2024 21:00:00			
Bid Opening Date/Time/बिंड खुलने की तारीख/समय	17-12-2024 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			
Total Quantity/कुल मात्रा	17			
ltem Category/मद केटेगरी	PCR Master mix kit 4 Nos , cDNA synthesis kit 6 Nos , DNA Extraction from Blood and Tissue kit 2 Nos , PCR Cloning Kit 2 Nos , PCR purification kit 2 Nos , Polymer HRP IHC detection system 1 Nos , Gel extraction kit 1 Nos , Ligation kit 2 Nos , Anti-his HRP conjugate kit 1 Nos , BCA protein assay kit 1 Nos , Faecal RNA extraction Kit 3 Nos , Faecal DNA extraction Kit 1 Nos , RNA extraction kit 1 Nos , DNA Extraction Kit 1 Nos , DNA ladder 1 Nos , PCR Master Mix 1 Nos , PCR grade water 1 Nos			
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	PCR MASTER MIX KIT			
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	PCR Master Mix, Master mix for COVID-19 testing, PCR Amplification KIT, Real Time PCR Kits (V2), NAAT Based PCR Test Kit, Micro PCR MTB Test Kit, CBNAAT MTB / RIF PCR Test Kit, CBNAAT MTB/RIF Ultra PCR test kit, Micro PCR MTB RIF Dx Test Kit, Papad Making Kit (GRIMCO Gujarat Govt)			
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	PCR Master Mix			
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 छ्ट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes			

Bid Details/बिड विवरण		
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 the buyer	
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No	
Bid to RA enabled/बिंड से रिवर्स नीलामी सक्रिय किया	No	
Type of Bid/बिंड का प्रकार	Two Packet Bid	
Primary product category	PCR Master mix kit 4 Nos	
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days	
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No	
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation	
Arbitration Clause	No	
Mediation Clause	No	

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%)/ईपीबीजी प्रतिशत (%)	5.00
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 राशि, 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 Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes

- 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. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.
- 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.
- 5. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid 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 product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match

L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

6. 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.

PCR Master Mix Kit 4 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	<u>View File</u>
BOQ Detail Document	<u>View File</u>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

CDNA Synthesis Kit 6 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

DNA Extraction From Blood And Tissue Kit 2 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No., सं.	Consignee /क्र. Reporting/Officer/ परेषिती / रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

PCR Cloning Kit 2 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

PCR Purification Kit 2 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

Polymer HRP IHC Detection System 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

Gel Extraction Kit 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

Ligation Kit 2 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

Anti-his HRP Conjugate Kit 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

BCA Protein Assay Kit 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

Faecal RNA Extraction Kit 3 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

Faecal DNA Extraction Kit 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

RNA Extraction Kit 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

DNA Extraction Kit 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	<u>View File</u>
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

DNA Ladder 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	<u>View File</u>
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

PCR Master Mix 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	<u>View File</u>
BOQ Detail Document	<u>View File</u>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

PCR Grade Water 1 Nos

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	<u>View File</u>
BOQ Detail Document	<u>View File</u>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Seema Rani Pegu	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	30

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

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Gem Bid Document for procurement of kits SCOPE OF WORK

The technical specifications are mentioned hereunder

:

S. No.	Name of the Items	Complete Generic Specification	Quantity Required (Nos.)
1.	PCR Master mix kit	 Form: Premixed solution Composition: 300 -400 μM of each dNTP, 3-5 mM MgCl₂ Should provide 5' -> 3' exonuclease activity. Pack size: 1000 reactions per pack 	4

2.	cDNA synthesis kit	 Kit should be able to provide a convenient procedure for cDNA synthesis within 30 minutes. All components that are required for fast and efficient reverse transcription should be provided with the kit. Kit should contain dedicated buffer for an integrate digenomic DNA removal within the same workflow. Kit should be able to synthesize cDNA both from 5' and 3' regions of transcripts. Kit should synthesize cDNA from a wide range of Richard NA amounts: 10 pg - 5 μg RNA. Kit should enable complete coverage of even long transcripts due to RT primer mix of Oligo-dT and random primers. Pack size: 50 reactions. 	6
3.	DNA Extraction from Bloo d and Tissue kit	Kit should provide pre-optimised protocol to isolate genomic, mitochondrial, bacterial, parasite or viral DNA from a variety of samples using silica membra ne-based spin column technology. Kit should not involve organic extraction or alcohol precipitation steps in the workflow. Kit should ensure complete removal of contaminan ts and inhibitors Kit should have sodium azide as preservative adde d in a buffer. Kit should provide yield of 4-50ug of DNA. Kit should be automated on centrifuge-based extra ction platform. Pack size: 250 reactions.	2
4.	PCR Cloning Kit	Kit should provide all the components of cloning PC R products generated using Taq and other non-proo freading DNA polymerases having an A-overhang. Kit should be provided with ligation master mix that can facilitate fast and easy ligation at 4-16°C for 3 0 minutes. The selection of positive clones should be based on lethal gene expression based on presence or absence of positive colonies. The supplied vector should contain a T7 promoter of the cloning site, allowing in vitro transcription of cloned PCR products as well as sequence analysis using standard sequencing primers. Pack size: 40 reactions	2
5.	PCR purification kit	Purification method: spin column Run time: 5 Minutes Binding capacity: 10 μg Technology: Silica technology Type(s) of DNA to be recovered: ss DNA and dsDNA Pack size: 50 reactions	2
6.	Polymer HRP IHC detecti on system	Specific for Immuno- histochemistry Methodology: Polymer HRP detection based; Sensit ivity: Highly sensitive Should be able Chromogenic detection of antigen-a ntibody binding reactions with mouse and/or rabbit IgG and IgM primary antibodies. Pack size: For 500 slides	1
7.	Gel extraction kit	 Spin column based. For gel samples. Up to 95% or more recoveries of DNA in the range of 100 bp to 10 kb. Ability to complete the extraction in 15 minutes or less. Pack size: 50 reactions. 	1

8.	Ligation kit	Fast- Ligation should be completed in 5 minutes or less. Should function at room temperature. Suitable for both blunt end and sticky end cloning. Pack size: 30 reactions.	2
9.	Anti-his HRP conjugate ki t	 Anti-his mAb coupled with HRP conjugate Epitope detection: HHHHH Minimum sensitivity of 10 pg in dot blot and 50 pg in western blots Pack size: 125 μl anti-his HRP conjugate supplied w ith blocking reagent and blocking reagent buffer 	1
10.	BCA protein assay kit	Should contain BSA standard: 2 mg/mL Detection range: 20-2000 μg/ml protein concentrat ion Pack size: 250 standard tube Assays or 2500 micro -reactions	1
11.	Faecal RNA extraction Kit	It should provide pre-optimised protocol to extract microbial RNA from stool and gut samples.	3
		 It should come with bead tubes for efficient lysis of microbes It should provide Inhibitor Removal buffers to remo ve PCR inhibitors effectively. Extracted RNA should be compatible for downstrea m applications, including RT-PCR, qPCR and next-g eneration sequencing Pack size: 50 reactions 	
12.	Faecal DNA extraction Ki t	 Kit should be able to isolate microbial DNA from st ool and gut samples using silica membrane technol ogy in spin-column format. Kit should provide bead tubes for bead beating bas ed lysis along with chemical lysis technology for efficient lysis of both bacteria and fungi. Kit should provide Inhibitor Removal Technology to remove PCR inhibitors efficiently and effectively. The kit should be automatable on a centrifuge bas ed automated extraction system. Pack size: 50 reactions. 	1
13.	RNA extraction kit	 The kit should be capable of rapid extraction of tot al RNA (pathogen etc) from a variety of sample sou rces including fresh or frozen animal tissues and ce lls, blood or pathogens To provide an expected yield of 300-350 μg or bett er The supplier should provide pre-optimized protocol for purification of total RNA for the given kit. Pack size: 250 reactions per pack 	1

14.	DNA Extraction Kit	 The kit should be capable of rapid e xtraction of total DNA from a variety of sample sources including fresh or frozen animal tissues and cells, faec al sample, blood or pathogens for 10 0 reactions/test. To provide an expected yield of 10-25 μg The self-life kit of the kit should be 12 -24 months The kit should be transported and deli vered in sealed condition at the set te mperature specification requirement of the manufacturers of the kit in seale d condition. 	01
15.	DNA ladder	For DNA size of a range of double stra nded DNA ranging from 100 bp to 150 0 bp	01
16.	PCR Master Mix	 Ready to use 2x Master mix Quantity: For 100 reactions It should be suitable for cloning an d for sequencing of generated temp late The kit should be transported and delivered in sealed conditions at the set temperature specification requirement of the manufacturers of the kit in sealed condition. 	01
17.	PCR grade water	 For use in PCR applications Quantity 50 ml 	01

Additional Technical Requirements

1. For the chemicals mentioned in SI. no 1 to 13

- The successful bidder should ensure that standard packaging and transportation guidelines as per instructions of respective manufacturers are followed while supplying the said chemicals.
- The successful bidder should ensure maximum shelf life of the product at the time of delivery.
- The successful bidder should provide relevant product information and safety data sheet(s) for the product at the time to delivery.

PREPARATION OF TECHNCIAL BID

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

1. EMD of Rs. 15,000/- (online payment to "ICAR NR Centre on Pig" A/c No. 10029420452, State Bank ndia, IFSC 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 manufact ers 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 SE firm, than for claiming EMD exemption, the firm must submit a declar ion that they are the original manufacturer of the quoted product/service by mentioning the brand name They should be MSE registration certifica as manufacturer/service provider. Traders are excluded from the purview f 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 she of atleast 3 lakhs. (Under MSE category, only manufacturers for goods at Service Providers for Services are eligible for exemption for submission Annual Turnover. Traders are excluded from the purview of this Policy at no exemption will be provided to the traders).
- 7. Submit/Upload at least 01 Number (one number) of work order awarded for sime report work from any Govt./PSU/University/Autonomous bodies/Reputed Companies. The experience criteria is exempted to MSME/Startup firms as per the rules. Under MS category, only manufacturers for goods and Service Providers for Service are eligible for exemption for submission of work order copy. Traders are xcluded from the purview of this Policy and no exemption will be provide 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 for mat as per **Annexure-III**
- 10. 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 genuin e. If any documents are found to be fabricated or falsified the bid, c ontract, if awarded will be rejected/cancelled and appropriate actio n including blacklisting and legal options will be taken. The institut e reserves the right to verify the authenticity of documents (UDIN/U DYAM/MSME) submitted and the bidder will be required to produce t he original document for verification, if required at ICAR-NRC on Pig

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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. Administra

tive Officer

ANNEXURE-I <u>Information Schedule</u>

(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 re quired/mentioned in Preparation of Techn ical 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 thereo f.	Yes/No

I/ we hereby certify that the information furnished above is correct and true to t he 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

Busi

ness Address

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ANNEXURE II

Compliance statement in the prescribed format

The technical specifications are mentioned hereunder:

TECHNICAL SPECIFICATIONS

S. N	Name of the Item s	Complete Generic Specification	Quanti ty Requir ed (Nos.)	Quoted/N ot Quoted (Please m ention th e Make a nd Model No. of the Product	Complied t o the required Sp ecifications (Yes/No)
1.	PCR Mast er mix kit	 Form: Premixed so lution Composition: 300 - 400 μM of each dN TP, 3-5 mM MgCl₂ Should provide 5' - > 3' exonuclease a ctivity. Pack size: 1000 re actions per pack 	4		

2.	cDNA syn thesis kit	Kit should be able to provide a convenient procedure for cDNA synthesis within 30 minutes. All components that are required for fast and efficient reverse transcription should be provided with the kit. Kit should contain dedicated buffer for an integrated genomic DNA removal within the same workflow. Kit should be able to synthesize cDNA both from 5' and 3' regions of transcripts. Kit should synthesize cDNA amounts: 10 pg - 5 µg RNA. Kit should enable complete coverage of even long transcripts due to RT primer mix of Oligo-d T and random primers. Pack size: 50 react ions.	6		
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3.	DNA Extraction from Blood and Tissu e kit	Kit should provide pre-optimised prot ocol to isolate geno mic, mitochondrial, bacterial, parasite or viral DNA from a variety of samples using silica membrane-based spin col umn technology. Kit should not invol ve organic extracti on or alcohol precipitation steps in the workflow. Kit should ensure complete removal of contaminants and inhibitors Kit should have so dium azide as preservative added in a buffer. Kit should provide yield of 4-50ug of DNA. Kit should be automated on centrifug e-based extraction platform. Pack size: 250 reactions.	2		
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4.	PCR Cloni ng Kit	Kit should provide all the components of cloning PCR products generated using Taq and other non-proofreading DNA polymerases having an A-overhang. Kit should be provided with ligation master mix that can facilitate fast and easy ligation at 4-16 °C for 30 minutes. The selection of positive clones should be based on lethal gene expression based on presence or absence of positive colonies. The supplied vector should contain a T7 promoter of the cloning site, allowing in vitro transcription of cloned PCR products as well as sequence an alysis using standard sequencing primers. Pack size: 40 reactions	2	
5.	PCR purifi cation kit	Purification metho d: spin column Run time: 5 Minute s Binding capacity: 1 0 μg Technology: Silica technology Type(s) of DNA to be recovered: ss D NA and dsDNA Pack size: 50 react ions	2	

6.	Polymer HRP IHC detection system	o- histochemistry Methodology: Poly mer HRP detection based; Sensitivity: Highly sensitive Should be able Chr omogenic detectio n of antigen-antibo dy binding reaction s with mouse and/o r rabbit IgG and Ig M primary antibodi es. Pack size: For 500 slides	1	
7.	Gel extra ction kit	 Spin column based For gel samples. Up to 95% or more recoveries of DNA in the range of 100 bp to 10 kb. Ability to complete the extraction in 15 minutes or less. Pack size: 50 react ions. 	1	
8.	Ligation k it	 Fast- Ligation shou Id be completed in 5 minutes or less. Should function at room temperature. Suitable for both blunt end and sticky end cloning. Pack size: 30 react ions. 	2	

9.	Anti-his H RP conjugate kit	 Anti-his mAb coupled with HRP conjugate Epitope detection: HHHHHH Minimum sensitivity of 10 pg in dot blot and 50 pg in western blots Pack size: 125 µl anti-his HRP conjugate supplied with blocking reagent and blocking reagent buffer 	1	
10.	BCA prot ein assay kit	 Should contain BS A standard: 2 mg/ mL Detection range: 2 0-2000 μg/ml prote in concentration Pack size: 250 sta ndard tube Assays or 2500 micro-reac tions 	1	

11.	Faecal R NA extrac tion Kit	It should provide p re-optimised protoc ol to extract microb ial RNA from stool and gut samples.	3		
		It should come with bead tubes for efficient lysis of microbes It should provide Inhibitor Removal buffers to remove PCR inhibitors effectively. Extracted RNA should be compatible for downstream applications, including RT-PCR, qPCR and next-generation sequencing Pack size: 50 reactions			

12.	Faecal D NA extrac tion Kit	Kit should be able to isolate microbial DNA from stool and gut samples using silica membrane te chnology in spin-co lumn format. Kit should provide bead tubes for bead tubes for bead beating based lys is along with chemical lysis technology for efficient lysis of both bacteria and fungi. Kit should provide Inhibitor Removal Technology to remove PCR inhibitors efficiently and effectively. The kit should be a utomatable on a centrifuge based automated extraction system. Pack size: 50 reactions.	1	
13.	RNA extraction kit	The kit should be capable of rapid extraction of total RNA (pathogen etc) from a variety of sample sources including fresh or frozen animal tissues and cells, blood or pathogens. To provide an expected yield of 300-350 µg or better. The supplier should provide pre-optimized protocol for purification of total RNA for the given kit. Pack size: 250 reactions per pack	1	

14.	DNA Extraction Kit	 The kit should be capable of rapid extraction of total DNA from a variety of sample sources including fresh or frozen animal tissues and cells, faecal sample, blood or pathogens for 100 reactions/test. To provide an expected yield of 10-25 μg The self-life kit of the kit should be 12-24 months The kit should be transported and delivered in sealed condition at the set temperature specification requirement of the manufacture rs of the kit in sealed condition. 	01	
15.	DNA ladd er	 For DNA size of a r ange of double stra nded DNA ranging f rom 100 bp to 150 0 bp 	01	
16.	PCR Mast er Mix	 Ready to use 2 x Master mix Quantity: For 1 00 reactions It should be suitable for cloning and for sequencing of generated template The kit should be transported and delivered in sealed conditions at the set temperature specification requirement of the manufacture rs of the kit in sealed condition. 	01	

	17.	PCR grad e water	For use in PCR a pplicationsQuantity 50 ml	01		
Δ	dditional	Technical Red	=	<u> </u>		
F	or the ch	emicals menti	ioned in SI. no 1 to 13			
			uld ensure that standard pack cturers are followed while sup			lines as per instruc
	The succe	ssful bidder sho	uld ensure maximum shelf life	of the produc	ct at the time of d	elivery.
		ssful bidder sho e to delivery.	uld provide relevant product i	nformation an	d safety data shee	et(s) for the produc
					Signature and	Seal of the Bidder
						Business Address:
					A	NNEXURE-III
			TENDER ACCEPTA	NCE LET	TER	

2.

Date:

To,

31 / 33

The Director, ICAR-NRC on Pig Rani, Guwahati -781131 Assam
Dear Sir,
The Bid documents/corrigendum(s) issued forvide G eM 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 me ntioned 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 fully 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:-

Business Address:

- 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 <u>attached categories</u>, 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.

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 also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है

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---