

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	22-08-2025 12:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	22-08-2025 12:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Health And Family Welfare
विभाग का नाम / Department Name	Department Of Health And Family Welfare
संगठन का नाम / Organisation Name	All India Institute Of Medical Sciences (aiims)
कार्यालय का नाम / Office Name	Aiims, New Delhi
कुल मात्रा / Total Quantity	2
वस्तु श्रेणी / Item Category	Gel Card Centrifuge (Q3)
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Exemption for Years Of Experience and Turnover	Yes Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Exemption for Years Of Experience and Turnover	Yes Complete
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	Experience Criteria, Bidder Turnover, Certificate (Requested in ATC), OEM Authorization Certificate, Compliance of BoQ specification and supporting document *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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है / Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय-सीमा बढ़ाने के लिए आवश्यक न्यूनतम सहभागी विक्रेताओं की संख्या / Minimum number of bids required to disable automatic bid extension	1

बिड विवरण/Bid Details	
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination
व्यापक रखरखाव शुल्क आवश्यक / Comprehensive Maintenance Charges Required	Yes
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	24000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	3.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	26

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

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

लाभार्थी /Beneficiary :

AIIMS MAIN GRANT
AIIMS NEW DELHI
(Aaims Main Grant)

विभाजन/Splitting

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	Yes
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एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover, shall upload the supporting documents to prove his eligibility for exemption.
3. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
4. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover shall upload the supporting documents to prove his eligibility for exemption.
5. 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.
6. 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.

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

8. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

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

FINANCIAL BID DOC - [1753079304.xlsx](#)

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
24-07-2025 11:00:00	A pre-bid meeting is scheduled to held on (Wednesday) 06 August 2025, at 12:00 Noon in the Seminar Room, Ground Floor, MS Office (Main Hospital) AIIMS New Delhi-110029. All prospective bidders are advised to attend the meeting prior to submitting their bids.

Gel Card Centrifuge (2 pieces)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 25% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

[* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Product Information	Speed Range (RPM), Maximum	1000

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	RCF Range (gram), Maximum	250, 300, 500, 1000, 2000, 2250
	Capacity of Gel Card	24
Warranty	Warranty Period	2, 3, 4, 5 Or higher (year)
Certification	Product Certifications	CE, FDA, BIS

व्यापक रखरखाव / Comprehensive Maintenance	
Warranty of required product	2 Year
Comprehensive Maintenance Duration (Post Warranty)	6 Year

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Additional Specification Parameters - Gel Card Centrifuge (2 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Consumables and reagents:	The firm should quote the compatible consumables listed and fix the rates of such consumables for life cycle i.e. period of 8 years with fall clause which is to be submitted annually
Required Technical Specifications	The required technical specification has been attached in the Buyers Bid specific ATC (Additional Scope of Work) which shall prevail over the above-mentioned specifications. The bidder should be quoted their rates as per Buyers Bid specific ATC only. Bid to be evaluated on the base of our attached Technical Specifications.
Certifications	Should comply with BIS or equivalent Indian Standards, documents to these effects should be enclosed.
Physical Demonstration	Demonstration of performance for the equipment at Blood Centre Main Hospital, AIIMS, New Delhi or anywhere within Delhi NCR is mandatory.
Terms and Conditions	Terms and conditions attached Buyers Bid specific ATC.

* Bidders offering must also comply with the additional specification parameters mentioned above.

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

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
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क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Naveen Kumar	110029,1st Floor , New Pvt. Ward, Store Section (CN Centre) , AIIMS, Ansari Nagar, New Delhi,	2	90

Special terms and conditions-Version:1 effective from 16-01-2024 for category Gel Card Centrifuge

1. All Provisions of Drugs and Cosmetics Act, 1940 and Rules (including Medical Device Rule 2017) made there under as amended till date will always be applicable. This will include all notifications issued by Central Drugs Standard Control Organization (CDSCO), Ministry of Health & Family Welfare (MoHFW) and Department of Pharmaceuticals (DOP), Ministry of Chemicals & Fertilizers time to time in this regard.
2. The sellers are registered on GeM based on self-declaration of valid Drug License, product certification, test reports etc if applicable. However, buyers must check and validate the details at their end for all applicable licenses and certifications e.g., validity and authenticity/genuineness of drug license, product certification, manufacturer certification/licenses, test reports etc if applicable.
3. The price offered by the seller/bidder shall not, in any case exceed the DPCO/NPPA controlled price or price fixed by State Government, if any. The seller must reduce the prices if there is any reduction in DPCO/NPPA ceiling price or price fixed by State Government, if any.
4. Any other Terms and Conditions which is not included or at variance with the conditions specified in STC/GTC, may be added by the buyer through Additional Terms and Conditions (ATC) in the bid to ensure items are procured from authentic/validated source with appropriate and applicable quality. The above terms and conditions are in reverse order of precedence i.e. ATC shall supersede specific STC which shall supersede General Terms and Conditions (GTC), whenever there are any conflicting provisions.

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

1. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
2. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
3. Make in india specific authorisation certificate needs to be enclosed.
4. **Generic**

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

Department of Transfusion Medicine
(Main Hospital Blood Bank)
ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
ANSARI NAGAR,
NEW DELHI-110 029.

5. **Generic**

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

6. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

7. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

8. **Generic**

Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

9. **Generic**

Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

10. **Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 50 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 50% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

11. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

12. **Turnover**

Bidder Turn Over Criteria: 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 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.

13. **OEM**

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

14. **Service & Support**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

15. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

16. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

17. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

18. Certificates

ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

19. Certificates

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

20. Warranty

Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide Comprehensive Maintenance Service for next 2 years for the offered products at the rate not more than 5 % of contract price per annum. Buyer reserves the right to enter into a CMC agreement with the Successful Bidder / OEM after expiry of the Warranty period at above mentioned rate and the payment for the CMC charges would be made Annually after rendering of the CMC Services of the relevant CMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the CMC contract when called upon by the buyer. CMC would include cost of

All components including spares/accessories/labor and third party item (if any) required for installation and fully functional of equipment.

(Upload the undertaking). The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 3% of total CMC value valid up to CMC period plus 2 months (if there is no other claim).

21. Warranty

Warranty period of the supplied products shall be as given in specifications from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

22. Warranty

Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope

All components including spares/accessories/labor and third party item (if any) required for installation and fully functional of equipment.

(Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)

23. **Warranty**

Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

24. **Buyer Added Bid Specific ATC**

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

25. **Forms of EMD and PBG**

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

AIIMS MAIN GRANT
payable at
NEW DELHI-110 029.

. Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

26. **Forms of EMD and PBG**

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C

AIIMS MAIN GRANT

. The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

27. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

AIIMS MAIN GRANT
payable at
NEW DELHI-110 029.

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

28. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

AIIMS MAIN GRANT

A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

29. **Buyer Added Bid Specific ATC**

TECHNICAL SPECIFICATION OF GEL CARD CENTRIFUGE (COLUMN AGGLUTINATION TECHNIQUE)

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1. Description of equipment:

- Serologic centrifuge for Gel Cards is used to perform manual centrifugation step required for Immunohematology investigation in both saline and AHG phase in the shortest time possible. {blood grouping, cross matching, antibody screening or identification, phenotyping of minor blood group antigens, Characterization of AIHA(monospecific DCT, IgG Dilution, IgG Subclass cards) and cards potentially usable for C3d, partial/weak D, single rare antigens etc.}

2. Operational requirement:

- Bench top type designed specifically for immuno-haematological testing. Modified commercial centrifuges for other purposes are not acceptable.
- Swing out suspensions preferred for gel card slots.
- Centrifuge needs to have load capacity of centrifuging 24 Gel Cards at a time.
- Centrifuge needs to have facility of maximum rpm upto 990 ± 10 rpm.
- Centrifuging time should vary between 10 ± 5 minutes
- Aerodynamically compact construction with vibration free performance.
- Noise level should be ≤ 55 dB
- The lid should be transparent and should have auto-locking during the operation.
- Centrifuge needs to have removable spin heads for easy cleaning.
- Centrifuge needs to be microprocessor controlled.
- Centrifuge need to have facility of showing appropriate program and user should be able to select the program.
- Centrifuge needs to have the screen panel display (touch/ non-touch format) for easy operation. Rpm, time and function needs to be displayed on the screen in real time.
- Centrifuge need to have feature of automatic balance detection of the centrifuge heads
- Audio-visual alarm facility should be available to detect imbalance, door opening detection, end of centrifugation and error situations.
- System needs to open door lock assembly automatically after the end of the process.

3. Environmental factors:

- Instrument shall be capable of operating continuously in ambient temperature of $10-40^{\circ}\text{C}$ and relative humidity of 15-90%
- Shall meet the standards for electromagnetic compatibility (EMC) of medical electrical equipment for laboratory equipment

4. **Power supply:** Power/ Frequency- 110V-240V/ 50-60Hz single phase fitted with appropriate Indian plugs and sockets. Voltage corrector/stabilizer of appropriate ratings meeting ISI Specifications (Input 160-260 V and output 220-240 V and 50 Hz) should be provided free of cost if required.

5. **Standards:** Should comply with US-FDA/CE (Europe, from 4 digit notified body)/ BIS/equivalent Indian standards (Provide documentary proof)

6. Should provide performance certificate and satisfactory service reports of the quoted equipment from three licensed Blood Banks (>10000 blood collections annually) preferably academic institutes with contact details within the last three years.

7. Consumables and reagents: The firm should quote the compatible consumables listed below and fix the rates of such consumables for life cycle i.e. period of 8 years with fall clause which is to be submitted annually. The indicated workload and usage of the consumables for the department is given below:

SN	Diagnostic Test Name	Test/Year	Pack Size	Test/pack	Remarks
1.	Anti-Human Globulin (AHG) Gel Card (IgG + C3d)	80000			
2.	Saline gel cards	15000			
3.	Reagent red cell panel for antibody screening (2-4 cells)	4000-4500			
4.	Reagent red cell panel for antibody identification (10-14 cells)	1500			
5.	Gel Cards for Monospecific DAT	500			
6.	Gel Cards for IgG subclass identification	100			
7.	Gel Cards for IgG DAT dilution	100			
8.	Antibody Elution kits				
Consumable required mandatorily for running the above test					
7.					
8.					
9.					

The detailed specifications for each consumable are attached separately.

Please note that the consumable requirement indicated above is for the current workload. **An increase in workload of around 5% will be considered and added year-wise for the next 8 years for calculating the life cycle cost.** The total cost of consumables for the life cycle of the equipment (i.e. 8 years) will be calculated and will be included in the total cost of the equipment for financial comparison. The consumable requirement indicated above is only for financial comparison and the user is not bound to purchase the minimum number of tests as indicated above.

Note- The bidder should also provide the list of other consumables that are available for use with quoted instrument and not mentioned in the specification. Additional consumables should be provided in a separate table in the format mentioned above and the cost of all the consumables should be quoted at the time of tender and price shall be fixed for 8 years. Cost of additional consumables will not be included in life cycle costing.

8. List of important spare parts and accessories with their part number and costing should be quoted separately and price to be fixed for the duration of warranty and CAMC. Spare parts not mentioned /price not quoted here will be considered to be free of cost if required.
9. Demonstration of performance for the equipment at Blood Centre Main Hospital, AIIMS, New Delhi or any where within Delhi NCR is mandatory, failing which the firm will not be considered for the technical evaluation.

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10. **Warranty:** Comprehensive warranty for 2 years from the date of installation without any exclusion followed by next 6 years' comprehensive maintenance contract. The cost of warranty and CMC will be included in the total cost of the equipment for financial comparison. The CMC should be unconditional and include all accessories, consumables, motors etc. including the third party items. If the OEM upgrades the system within the life-cycle of the equipment, such upgrades will be informed and provided by the firm free of cost.
11. Undertaking from OEM for not discontinuing the services next 8 years should be submitted. In a situation, where the supplying firm closes its operations or changes its nomenclature or service providers etc. the Blood Centre, Main Hospital, AIIMS, New Delhi must be informed of the changes in writing at least six months in advance and the continuity of services including maintenance and supply of reagents should be ensured by the firm for the remaining life of the equipment. Punitive action against the firm will be initiated as per the institute rules for failing to comply with the same.
12. Up time & penalty for delays in repair & maintenance: the firm will ensure uptime of 345 days in a year during warranty period & CMC period. If the down time exceeds 20 days in a year, then the warranty shall stand extended by double the no. of days' machine was out of order. The firm should provide a back-up equipment of same make and model for smooth functioning.
13. Whenever there is breakdown the firm will carry out the repair within 24 hours of receipt of such information (either by telephone or by any other means). If there is a delay beyond 24 hours, then the firm will be penalized at the rate of 1% of the cost of product per day. This financial penalty can be waived on recommendation of the user department if the reasons of delay are genuine. The same are recorded & endorsed by the concerned department.

14. Specification of consumables and reagents:

- a. Anti-Human Globulin (AHG) Gel Card (IgG + C3d)
 - Should have 6 to 8 'V' bottom shaped micro tubes prefilled with gel (Sephadex or similar)/bead containing polyspecific AHG (anti-IgG and anti-C3d) in buffered medium with preservative for AHG phase crossmatch, Indirect Antiglobulin Test, Direct Antiglobulin Test, antibody screen and identification tests
 - Storage temperature of cards should be at room temperature (18 to 25 °C)
 - The test should use minimal amount of test sample, preferably less than 75 µL
 - The gel cards reactions must be stable on storage (at least 24 hours) for supervision on a later date and should not get disturbed by the movement of the cards.
 - Compatible with the centrifuge
- b. Saline gel cards
 - Should have 6 to 8 'V' bottom shaped micro tubes prefilled with gel (Sephadex or similar)/bead in buffered medium with preservative for performing tests to identify IgM antibodies.
 - Storage temperature of cards should be at room temperature (18 to 25 °C)
 - The test should use minimal amount of test sample, preferably less than 75 µL
 - The gel cards reactions must be stable on storage (at least 24 hours) for supervision on a later date and should not get disturbed by the movement of the cards.
 - Compatible with the centrifuge
- c. Reagent red cell panel for antibody screening
 - The antibody screen panel should contain two to four reagent red cells
 - Ready to use liquid reagent cells
 - The reagent red cells should be phenotype for the following antigens: D, C, E, c, e, K, k, K_{pa}, K_{pb}, Fya, Fyb, Jka, Jkb, S, s, Lea, Leb, M, N, P1 and should be able to detect the presence

ce of any clinically significant allo-antibody(ies) in the test sample.

- The reagent red cells should be In-Vitro diagnostics approved. The vendor need to provide the written document for the same.
 - Total shelf life of product after supply should be one month or higher.
 - Storage temperature of panel needs to be at 02 to 08°C
 - The antigram should be available with the panel in printed sheets.
 - They should be validated for use in the gel cards provided
- d. Reagent red cell panel for antibody identification
- The antibody screen panel should contain 10 to 14 reagent red cells
 - Ready to use liquid reagent cells
 - The reagent red cells should be phenotyped for the following antigens: D, C, E, c, e, K, k, Kpa, Kpb, Fya, Fyb, Jka, Jkb, S, s, Lea, Leb, M, N, P1 and should be able to identify the clinically significant allo-antibody(ies) in the test sample
 - The reagent red cells should be In-Vitro diagnostics approved. The vendor need to provide the written document for the same.
 - Total shelf life of product after supply should be one month or higher.
 - Storage temperature of panel needs to be at 02 to 08°C
 - The antigram should be available with the panel in printed sheets.
 - They should be validated for use in the gel cards provided
- e. Gel Cards for Monospecific DAT
- Gel card should be specifically able to identify IgG, IgA, IgM, C3c, C3d coated on red cells
- f. Gel Cards for IgG subclass identification
- Gel card should be specifically able to identify different subclasses of IgG like IgG1 and IgG3 coating the DAT positive red cells
- g. Gel Cards for IgG DAT dilution
- Gel card to specifically investigate the dilution of IgG coating the DAT positive red cells
- h. Antibody Elution kits
- Gel card based ready to use kits for eluting red cell antibodies from Antibody coated red cells

15. This is to certify that the above specification approved by the specification committee are broad and general nature

अस्वीकरण/Disclaimer

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

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum

issued by DPIIT in this regard.

2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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

Additional Clause For Comprehensive Maintenance Charges

- 1.CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months or as per user requirement. Cost of consumables shall not be included in CMC. Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- 2.CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.
- 3.GST shall be included in the CMC Charges quoted.
- 4.Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula. A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on Net Present Value.
- 5.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.
- 6.While creating a bid or RA, buyers shall indicate whether CMC is required against Yes/No" options. If CMC Charges are included, an option for number of years for CMC required after the warranty period shall be available. Under this option up to 10 years can be chosen for CMC charges beyond warranty period.
- 7.In case the bid has a provision for CMC, the warranty of the product will also be deemed to have been converted into Comprehensive warranty including preventive maintenance and calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, during the Warranty Period also. Sellers are therefore advised to include the cost of Comprehensive Warranty including spares (excluding

consumables) also in product Cost.

8.The CMC functionality shall be available in bid only and no direct RA shall be applicable.In case of bid to R/A decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

8.1.Buyer shall indicate number of years of warranty by selecting different options available in the field depending on warranty parameter applicable in category parameters for the equipment. No. of years of warranty indicated here shall supersede the warranty period indicated elsewhere in bid or product specifications. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable, if 5 year CMC selected:

CMC charges for 1st year after warranty period- Percentage to be indicated- A1

CMC charges for 2nd year after warranty period- Percentage to be indicated- A2

CMC charges for 3rd year after warranty period - Percentage to be indicated- A3

CMC charges for 4th year after warranty period - Percentage to be indicated- A4

CMC charges for 5th year after warranty period - Percentage to be indicated- A5

Similarly, A6 to A10 are to be indicated for 6th to 10th year of CMC if applicable.

8.2.The calculation of CMC Charges shall take into account the number of years of warranty and duration of CMC as specified while creating bid.

8.3.In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below including CMC and then show the inter-se-ranking of the bidders. The following are the variables

(i) Number of years for which CMC required.

(ii) Number of years of product warranty

The formula for calculating total cost including CMC charges shall be as under:

Total Cost for evaluation=

$C + C * \{ (A1/100)/(1.10^n) + (A2/100)/(1.10^{n+1}) + (A3/100)/(1.10^{n+2}) + (A4/100)/(1.10^{n+3}) + (A5/100)/(1.10^{n+4}) \}$ and so on

C – Cost for equipment quoted and n shall be number of years of product warranty specified.

If 2 year warranty specified, n shall be 2 and if 5 year warranty specified, n shall be 5. A1,A2, A3, A4& A5 shall depend on how many years CMC selected. For 3 year CMC, only A1,A2 and A3 factors are to be taken into account and A4 and A5 will not be applicable.

8.4.CMC charges offered for each subsequent year should be same or higher than preceding year.

8.5.The CMC charges shall be offered within range of 3 to 10% of cost of equipment.

9.Since CMC charges are to be paid only later for each year during CMC period,applicable performance guarantee amount after placement of contract shall be based on the cost of equipment excluding the cost of CMC Charges.

10.Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable between 2.5% to 10% as specified in bid on total CMC Charges.The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due verification.Bank guarantee for CMC is to remain valid till completion of CMC period plus one year. The bank guarantee for CMC shall be submitted to buyer directly. In case, seller fails to submit the PBG or does not provide services for the CMC contract after expiry of warranty period then PBG of equipment shall be forfeited.

11.In case of splitting of order quantity, equipment cost and CMC charges offered by L1 bidder shall be matched by higher quoting eligible bidders on one-to-one basis.The equipment cost and CMC charges (year to year) shall be matched individually.

12.The CMC Contract shall be an offline contract to be handled by buyer.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

13.CMC Charges are inclusive of all the charges for Transportation, Lodging, Boarding, all insurances including third party insurance and all other incidental charges. The same shall include GST. The prices also include cost of spares and damaged parts. Purchaser does not have any liability, whatsoever, over and above the cost of CMC. It also includes for arranging hand tools & tackles, special tools etc. required to carry out the work.

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.

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---