

DATE: 06.06.2020



SANJAY GANDHI POST GRADUATE INSTITUTE OF MEDICAL SCIENCES

Raebareilly Road, Lucknow - 226014 (U.P.) India

Phones : 2668004-8, 2668700, 2668800, 2668900,

Fax : 91-522-2668973, 2668218 (JDMM), Email: jdmm@sgpgi.ac.in

E-TENDER NOTICE

On-line offers are invited through e-tender / re-tender from Manufacturer / Direct Importers / Authorized distributors / Dealer / Agent for the supply of Deep Freezer - 20°C, Immunoblotting Transfer & Electrophoresis Unit, Inverted Fluorescence Research Microscope, DNA Electrophoresis Unit, Weighing Balance, Thermocycler / PCR Machine and Bio Safety Cabinet etc. as per tender conditions, as stipulated in the tender documents. Tender documents duly filled in will be submitted on e-tender portal i.e. www.etender.up.nic.in in two bid system i.e. technical bid and price bid. The tenderers shall submit the required tender fee (non-refundable) and EMD as mentioned against each tender in the tender document. The proof of online submission should be submitted in first part i.e. Technical Bid. Bids will be opened on-line on scheduled date and time.

For detailed information like Name of Equipments, Date of Submission and opening of tender etc., you may please visit the e-tender portal www.etender.up.nic.in. The above details will also be available on our website www.sgpgi.ac.in for reference only. The offer will be accepted On-Line only on e-tender portal with terms and conditions as mentioned in tender documents. The Director reserves the right to accept or reject any tenders in part or full without assigning any reason thereof. In case any legal dispute; the legal jurisdiction shall be court of law at Lucknow (UP), India.

Advt. No.: I/07/JDMM/2020-21

DIRECTOR



SANJAY GANDHI POST GRADUATE INSTITUTE OF MEDICAL SCIENCES

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Advt. No.: 1/07/ JDMM/2020-21

DIRECTOR

Fresh e-Tender

S.No.	Tender No.	Name of Equipment	Qty.	TENDER FEE	EMD	Last Date of Submission of Tender up to 5:00 PM	Date of opening of Tech. Bid from 11:00 AM
1.	PGI/MM/HEMA/R/20-21/01	Weighing Balance	1	472.00	1,300.00	10.07.2020	11.07.2020
2.	PGI/MM/HEMA/R/20-21/02	Thermal Cycler	1	826.00	3,295.00	10.07.2020	11.07.2020
3.	PGI/MM/HEMA/R/20-21/03	DNA Electrophoresis	1	472.00	1,300.00	10.07.2020	11.07.2020
4.	PGI/MM/MOL.MED./R/2020-21/01	Immunoblotting transfer & Electrophoresis Unit	1	826.00	3,500.00	10.07.2020	11.07.2020
5.	PGI/MM/ENDO./R/20-21/01	Purchase of HbA1C Analyzer	1	472.00	1,770.00	10.07.2020	11.07.2020

2nd time Re-tender Against Advt. No. I/33/JDMM/2019-20, I/48/JDMM/2019-20 & I/54/JDMM/2019-20

Note: The offers submitted earlier by the bidders against advt. no. I/33/JDMM/2019-20, I/48/JDMM/2019-20 & I/54/JDMM/2019-20 will be treated as cancelled. Therefore, those who have already submitted their offer against advt. no. /33/JDMM/2019-20, I/48/JDMM/2019-20 & I/54/JDMM/2019-20 are also required to submit against their offer being tendered with specification in respect of above equipment with earlier proof of deposit of EMD, as they are not required to deposit EMD again but they are required to deposit tender fee. New bidders are required to deposit online EMD and tender fee and enclose its proof in technical bid as per tender terms & conditions, along with their complete offer.

S.No.	Tender No.	Name of Equipment	Qty.	TENDER FEE	EMD	Last Date of Submission of Tender up to 5:00 PM	Date of opening of Tech. Bid from 11:00 AM
1.	PGI/MM/ENDO.MED./R/19-20/05	Thermocycler/PCR	01	708.00	3,000.00	30.06.2020	01.07.2020
2.	PGI/MM/ENDO.MED./R/19-20/06	Inverted Fluorescence Research Microscope	01	6,254.00	35,000.00	30.06.2020	01.07.2020
3.	PGI/MM/MOL.MED./R/19-20/03	-20° Deep Freezer Horizontal	01	472.00	2,000.00	30.06.2020	01.07.2020
4.	PGI/MM/Endo.Med./R/19-20/03	Bio Safety Cabinet	01	1,416.00	6,000.00	30.06.2020	01.07.2020
5.	PGI/MM/GASTRO/R/19-20/01	Deep Freezer -80 Degree	01	1,652.00	7,000.00	30.06.2020	01.07.2020
6.	PGI/MM/ENDO.MED./R/19-20/05	Spectrofluorometer (Plate Reader)	01	472.00	20,000.00	30.06.2020	01.07.2020

3rd time Re-tender Against Advt. No. I/25/JDMM/2019-20, I/33/JDMM/2019-20, I/38/JDMM/2019-20, I/48/JDMM/2019-20, I/52/JDMM/2019-20 & I/54/JDMM/2019-20

Note: The offers submitted earlier by the bidders against advt. no. I/25/JDMM/2019-20, I/33/JDMM/2019-20, I/38/JDMM/2019-20, I/48/JDMM/2019-20, I/52/JDMM/2019-20 & I/54/JDMM/2019-20 will be treated as cancelled.

Therefore, those who have already submitted their offer against advt. no. . I/25/JDMM/2019-20, I/33/JDMM/2019-20, I/38/JDMM/2019-20, I/48/JDMM/2019-20, I/52/JDMM/2019-20 & I/54/JDMM/2019-20 are also required to submit against their offer being tendered with specification in respect of above equipment with earlier proof of deposit of EMD, as they are not required to deposit EMD again but they are required to deposit tender fee. New bidders are required to deposit online EMD and tender fee and enclose its proof in technical bid as per tender terms & conditions, along with their complete offer.

S.No.	Tender No.	Name of Equipment	Qty.	Tender Fee	EMD	Last Date of Submission of Tender up to 5:00 PM	Date of opening of Tech. Bid from 11:00 AM
1.	PGI/MM/Immuno./R/19-20/01	-80°C Upright Deep Freezer	01	2,124.00	12,000.00	30.06.2020	01.07.2020

4th time Re-tender Against Advt. No. I/25/JDMM/2019-20, I/33/JDMM/2019-20, I/38/JDMM/2019-20, I/48/JDMM/2019-20, I/52/JDMM/2019-20 & I/54/JDMM/2019-20

Note: The offers submitted earlier by the bidders against advt. no. I/25/JDMM/2019-20, I/33/JDMM/2019-20, I/38/JDMM/2019-20, I/48/JDMM/2019-20, I/52/JDMM/2019-20 & I/54/JDMM/2019-20 will be treated as cancelled. Therefore, those who have already submitted their offer against advt. no. . I/25/JDMM/2019-20, I/33/JDMM/2019-20, I/38/JDMM/2019-20, I/48/JDMM/2019-20, I/52/JDMM/2019-20 & I/54/JDMM/2019-20 are also required to submit against their offer being tendered with specification in respect of above equipment with earlier proof of deposit of EMD, as they are not required to deposit EMD again but they are required to deposit tender fee. New bidders are required to deposit online EMD and tender fee and enclose its proof in technical bid as per tender terms & conditions, along with their complete offer.

S.No.	Tender No.	Name of Equipment	Qty.	Tender Fee	EMD	Last Date of Submission of Tender up to 5:00 PM	Date of opening of Tech. Bid from 11:00 AM
1.	PGI/MM/Mol.Med./R/19-20/03	Automated Cell Counter	1	944.00	4,000.00	30.06.2020	01.07.2020
2.	PGI/MM/Endo.19-20/06	High Speed Refrigerated Centrifuge with Rotors	1	1,180.00	5,000.00	30.06.2020	01.07.2020

6th time Re-tender Against Advt. No. I/25/JDMM/2019-20, I/33/JDMM/2019-20, I/38/JDMM/2019-20, I/48/JDMM/2019-20, I/52/JDMM/2019-20 & I/54/JDMM/2019-20

Note: The offers submitted earlier by the bidders against advt. no. I/25/JDMM/2019-20, I/33/JDMM/2019-20, I/38/JDMM/2019-20, I/48/JDMM/2019-20, I/52/JDMM/2019-20 & I/54/JDMM/2019-20 will be treated as cancelled. Therefore, those who have already submitted their offer against advt. no. I/25/JDMM/2019-20, I/33/JDMM/2019-20, I/38/JDMM/2019-20, I/48/JDMM/2019-20, I/52/JDMM/2019-20 & I/54/JDMM/2019-20 are also required to submit against their offer being tendered with specification in respect of above equipment with earlier proof of deposit of EMD, as they are not required to deposit EMD again but they are required to deposit tender fee. New bidders are required to deposit online EMD and tender fee and enclose its proof in technical bid as per tender terms & conditions, along with their complete offer.

S.No.	Tender No.	Name of Equipment	Qty.	Tender Fee	EMD	Last Date of Submission of Tender up to 5:00 PM	Date of opening of Tech. Bid from 11:00 AM
1.	PGI/MM/IMMUNO/R/18-19/02	2-D BARCODE READER WITH SOFTWARE	1	1,770.00	8,250.00	24.06.2020	25.06.2020

Tender Documents Terms & Conditions

01	Unconditional warranty / Guarantee for 5 years to be declared by OEM (Original Equipment Manufacturer)/tenderer from the date of installation. The Warranty / Guarantee must cover all parts of the equipment except consumable only.
02	An undertaking from the tenderer/OEM that the equipment is of the latest of technology and till date no revised or amended version has been launched and the spare parts will remain available for at least next 10 years
03	<p>The price bid should strictly be in the format as specified in e-tendering. If space is found inadequate, the separate sheet may be added, but the same should be as per above format.</p> <p>Cost of equipment with warranty & Guarantee for 5 years as declared by OEM/tenderer and quoted CMC for 5 years after warranty period i.e. 6th year to 10th years from the date of installation is mandatory. If, the warranty is offered less than 5 years, the L1 will be decided by adding the quoted CMC of subsequent years totalling to 5 years.</p>
04	<p>Details of after sale service support should be provided which will include the followings:</p> <p>(a) Corresponding address of service centre</p> <p>(b) Telephone No.(Office)</p> <p>(c) Name of Service Engineers along with mobile number & e-mail address</p>
05	List of installations for the offered equipment/items only, instead of allied/other range of equipment in India along with performance report duly signed and stamped by the user(s) may be provided with the tender documents.
06	Software upgradation, if needed, will be provided free of cost during warranty & CMC.
07	CMC rate will be quoted by the bidders including spare parts for a period of 5 years i.e. from 6 th to 10 th years, applicable after expiry of 05 years warranty period. If the rates of CMC are not clarified by the bidders, their offer will not be considered for comparison of price and will be treated as cancelled.
08	The firm may be required to facilitate the copy of supply order of any Govt. Institute as mentioned in the installation list in the tender, to justify the tendered rates.
09	<p>The firm will provide an affidavit to this effect that "THIS IS TO CERTIFY THAT THE RATES QUOTED for.....TO SGPGIMS, LUCKNOW IS THE LOWEST. WE HAVE NOT QUOTED/ SUPPLIED AT LESSER PRICE TO ANY ORGANISATION WITH THESE SPECIFICATIONS. IN CASE OF NON-SUPPLY IN INDIA, THE AFFIDAVIT TO THIS EFFECT WILL HAVE TO BE SUBMITTED BY THE FIRM.</p> <p>WE FURTHER AGREE THAT IF ANY PRICE DISCRIPANCY IS FOUND AT A LATER DATE, WE WILL BE LIABLE TO REFUND THE DIFFERENCE".</p>
10	Subletting of the tender to the sub-distributor is not permissible and, if subletting is found, the EMD, submitted by tenderer, will be forfeited. If the same item is quoted by the principal and one or more distributors of same principal firm in support, the same will be treated as alternate/pooling of tender who will be liable to be rejected and the firms shall be debarred from future business. If, the offer is submitted by two dealers/ distributors of same principal firm, the offer will be treated as pooling which will not be accepted and the submitted EMD will be forfeited.
11	<p>(A) The tenderer shall submit their bids online as specified in https://etender.up.nic.in. The off-line tender will not be considered under any circumstances. The tender fee and Earnest Money Deposit (EMD) will also be submitted online as per following details and receipt / proof of the same must be attached with the technical bid:</p> <p>(a) Account Number- 10095237355</p> <p>(b) Name of Account – Director, SGPGI</p> <p>(c) Name of Bank and Branch – State Bank of India, SGPGIMS Branch, Lucknow - 226014</p> <p>(d) IFSC Code- SBIN0007789</p> <p>(B) For online refund of EMD, following details be provided by the bidders in technical bid:</p>

	(a) Tender number (b) Name of equipment (c) Amount of EMD (d) Name of Bank and Branch (e) IFSC Code (f) Name of account (g) Account number in which EMD amount is to be credited
12	The tender terms and conditions in the offer be clearly typed giving the full name and address of the tenderers. The tenderers should quote in figures as well as in words the rates and amount tendered by him/them. The tender should be signed by the authorized tenderers or his/their authorized agent on his/their behalf. In case, the tender is signed by the agent, the authority letter in his favour shall be enclosed with tender documents. The latest authority letter should be on original letter head of the OEM with original signature
13	Tenders should be submitted in two-bid system consisting earnest money, tender fee, technical offer & price bid. The proof of online submission of tender fee & EMD should be submitted in first part along with technical bid and price bid be submitted in second part. The Price Bid should be in the following format:- (a) Cost of equipment/item with warranty for 5 years declared by OEM/tenderer. (b) Cost of Standard/essential accessories of equipment to be required for functioning of equipment, as per tendered specifications, (c) Post warranty quoted CMC cost (including Govt. levies) for five years. Total of a+ b+ c will be taken into consideration for price comparison purpose. The price list of consumables, if any, must be submitted in the price bid, which may be frozen for 5 years from the date of installation of equipment. The firm will provide an undertaking, stating that if there is any downward revision in rate of consumable during frozen period is found, the same will be passed on to the Institute. The price list of optional accessories, if any, other than the standard / essential part of the equipment, should also be submitted.
14	The tenderers should take care that the rates and amounts are written in such a way that interpolation is not possible. No blank space should be left, which would otherwise make the tender liable for rejection.
15	Delivery schedule with definite date of delivery at destination taking into cognizance of transit facilities must be indicated. This contractual delivery date/period should be inclusive of all the lead-time. The delivery date, as mentioned in the supply order will be binding to abide by vendors.
16	The tenderers should clearly state whether he/they are manufacturer, accredited agents (declared by principal firm only). The name of Principal should be superscribed on top of the bid. The tender submitted by third party and subletting of tender will not be entertained (Please also refer point no.10).
17	The tenderer submitting his tender would be deemed to have considered and accepted all the terms and conditions of tender. No Enquiries, verbal or written shall be entertained in respect of acceptance or rejection of the tender.
18	The quantity shown in the schedule may increase or decrease depending upon the actual requirement at the time of issuance of supply order.
19	The tenderer shall specify after sales services facilities within the Guarantee/Warranty and CMC period. The warranty period will be extended twice of the period during which the instruments remain out of order.
20	The tenderer shall also confirm the Installation, Commissioning, Demonstration and Training, if required, to the concerned department under intimation to The Joint Director (MM) of the Institute.
21	The tenderer shall submit the pre-requisite information like Civil works/ Electrical details etc. All

	necessary requirements along with the offer, in order to make the equipment functional and any subsequent request on post supply order will not be entertained.
22	The Institute reserves the right to cancel/reject in full or part of the tender without assigning any reason thereof.
23	Any action on the part of the tenderer to influence anybody of the Institute will lead to rejection of the tender.
24	The tenderers shall submit the offer online only.
25	In the case of placement of Purchase Order, the vendor (the tenderers whose tender is accepted) shall have to confirm the purchase order within 7 days from the date of the dispatch of purchase order otherwise it will be deemed that offer is acceptable to the firm. Notwithstanding any other provision, the terms & conditions and any other items given in the Purchase order will be treated as binding with "Errors & omission Expected" basis. However, if the supplier notices any mistake in the contentions of the order, he must bring the same to the notice of the Institute and seek clarifications. Supplier will have to bear the responsibility for failure to take this action.
26	The Institute may in writing make any revision or change in the purchase order, including additions or deletions from the quantities originally ordered in the specifications or drawings. If any such revisions/changes affect the price or delivery, the same shall be subject to the adjustment of price/delivery, where requires on a reasonable basis by mutual agreement in writing which should be communicated.
27	The tenderer should furnish performance bank guarantee @15% of the order value or FOB value at the time/ before shipment or supply of goods excluding consumable nature of item. The PBG submitted will be valid for a period of 63 months to 66 months from the date of installation. This PBG will be returned to the firm on submission of another PBG/ security money @ 15% of total CMC Value of 5 years which will be valid till expiry of CMC period.
28	The Institute reserves the right to cancel the purchase order in full or part thereof and shall be entitled to revise the contract wholly or partly in part by a written notice to the vendor, if :- <ul style="list-style-type: none"> • The vendor fails to comply with the terms of the purchase order including specifications and other technical requirement. • The vendor becomes bankrupt or goes into liquidation. • The vendor fails to deliver the goods in time and or does not replace the rejected goods promptly. A receiver is appointed for any of the property owned by the vendor
29	Upon receipt of the said cancellation notice, the vender shall discontinue all works of the purchase order and matters connected with it.
30	Earnest Money be paid as per details mentioned on point no.11 above. <ol style="list-style-type: none"> I. Non-compliance of terms & conditions of the tender and/or supply order may amount forfeiture of EMD. II. The EMD of unsuccessful bidder will be released immediately once the tender is finalized. The EMD of successful bidder will be released after execution of supply order satisfactorily.
31	The tenderers shall submit the required tender fee (non refundable) for Rs. 2360.00 i.e. Rs.2,000.00 +Rs.360.00 as GST@18% (Rs. Two Thousand Only + Three Hundred Sixty as GST@18%) online in favour of Director, SGPGIMS, Lucknow, as per the details given in Clause no. 11. The proof of online submission should be submitted in first part i.e. technical bid.
32	Unless otherwise specified in the order, the order price shall remain firm and will not be subject to escalation of any description during the pendency of the order, notwithstanding the change in the cost of materials, labor and/or variations in taxes, duties and other levies on raw materials and components that may take place while the order is under execution even if the execution of the order is delayed beyond the completion date specified in the order for any reason whatsoever.
33	For indigenous goods the price should be on F.O.R. SGPGIMS Central Stores basis inclusive of all levies

	and duties wherever applicable which should be indicated clearly. The rates of GST should be clearly indicated wherever chargeable. The SGPGIMS is not eligible to issue 'C' or 'D' Form.
34	<p>Prices will be quoted on FOB as well as CIF SGPGI Central Stores (Insurance from firm's warehouse to SGPGI warehouse basis) for imported goods. Indian Agency commission / rebate payable to Indian Agent, if any, shall be shown separately and that will be payable in equivalent rupee directly to Indian Agent as per declaration furnished by foreign suppliers. The Institute reserves the right to get their goods air-freighted/Sea freighted & air insured/marine insured upto site. The Indian Agency Commission payable to Indian agent should be declared directly by the manufacture and not by Indian agent.</p> <p><u>CUSTOM CLEARANCE:</u> After arrival of the goods at New Delhi Airport /The Port of Clearance, Indian agent or Indian subsidiary of the principal firm will solely be responsible for getting the material cleared from customs. Institute will provide all custom documents for custom clearance on the demand of firm. Transportation from New Delhi/Port of Landing to SGPGI Central Stores is also the responsibility of the firm. All charges/ expenses incurred in this process will be reimbursed to firm after submitting the bill along with documentary proof in original if claimed. Please note that the freight forwarder or clearing agent should be approved from IATA. <u>NO DEMURRAGE / WHARFAGE CHARGES WILL BE PAYABLE BY THE INSTITUTE UNDER ANY CIRCUMSTANCES. NO ADVANCE PAYMENT WILL BE PAYABLE FOR CUSTOM DUTY/CUSTOM CLERANCE/ FREIGHT / INSURANCE ETC.</u> The certificate to this effect will be provided that the rates charged are as per IATA. FIATA and does not contain any item other than ordered by the Institute.</p>
35	The offer of the tenderers shall remain valid for a period of at least 180 days from the date of opening of the tender.
36	<p>All goods or materials shall be supplied by the tenderers whose tender is accepted, strictly in accordance with the specifications, drawings, data sheets, other attachments and conditions stated any alterations of those conditions shall not be made without the consent of the Institute in writing which must be obtained before any work against the order is commenced.</p> <p>All material furnished by the seller pursuant to this order (irrespective of whether engineering, design data or other information has been furnished, reviewed or approved by the Institute) will be guaranteed to the best quality of their respective kind (unless otherwise specifically authorized in writing by the Institute) and shall be free from faculty design (to the extent such design is not furnished to the Institute) workmanship and materials, and to be of sufficient size and capacity and of proper materials so as to fulfill in all respects with all operating conditions, if any , specified in this order.</p> <p>In case of import, the suitable action will be initiated against the principal firm & tenderer, if equipment is not found in accordance with the specification as laid down in the supply order.</p>
37	The Equipment supplied shall carry an unconditional standard warranty for 5 years (60 months) to be declared by OEM from the date of satisfactory Installation and commissioning of the equipment. If any trouble or defect originating with the design, materials, workmanship or operating characteristics of any materials arise at any time from the date of Installation, the same shall promptly as possible make such alteration, repairs and replacement as soon as notified thereof, the seller shall at his own expenses and as promptly as may be necessary to permit the materials functional in accordance with the specification and to fulfill the foregoing guarantee/ warranty and the Institute will enter into CMC agreement from six to ten year (6 th years to 10 th years) at the time of release of order which shall form the part of the order.
38	The Institute may at his option, remove such defective materials at the seller's expense in which event the seller shall, without any cost to the SGPGIMS and as promptly as possible, furnish and install proper materials, repaired or replaced materials shall be similarly guaranteed for a period as per OEM not less than 12 (twelve) months. However, the basic spirit of warranty & guaranty of the equipment as tendered will remain unchanged.
39	In the event that the materials supplied do not meet the specifications and are not in accordance with

	the drawings, data sheets or the terms of this order, rectification is required at site, the SGPGIMS shall notify to the seller giving full details of differences. The seller shall attend the site, within seven days of receipt of such notice to meet with representative of the SGPGIMS for the action required to correct the deficiency.
40	If the seller fails to attend meeting at site within the time prescribed above, the SGPGIMS shall immediately get the same rectified the work/materials and seller shall reimburse the Institute all costs and expenses incurred by the SGPGIMS in removing such trouble or defect.
41	100% payments shall be released within 30 days from the date of satisfactory report /installation report of materials (whichever is applicable), in case of indigenous materials. Where as necessary, performance bank guarantee @ 15% of the ordered value or FOB value shall be submitted by them to the Institute before arranging the delivery, as per Clause no. 27 above. Bank Guarantee be submitted through bank only. In case of Imported goods/equipment, the payment schedule will be as follows:- <ul style="list-style-type: none"> • 75% will be released after shipment by negotiation. 25% will be released after satisfactory installation, commissioning & training issuance of certificate by the Institute.
42	The mode of payment will be through irrevocable letter of credit or International Bank draft. However, Indian Agency Commission or Technical Service charges would be paid in Indian rupee after satisfactory receipt & installation of goods at site duly verified by concerned HOD. Please note, in case of IBD, the original bank draft may be handed over to firm only after satisfactory receipt and satisfactory installation of the equipment.
43	Time delivery as mentioned in Purchase order shall be the essence of the order and no variation shall be permitted except with prior authorization in writing from Purchaser.
44	In the event of delay in making delivery on the part of the vendor, it will be at purchaser's discretion to receive delivery with a reduction in price of the article/ or equipment.
45	Forced majeure shall mean and be limited to the Following: <ol style="list-style-type: none"> (a) Any war/hostilities. (b) Any riot or civil communication. (c) Any earthquake, flood tempest, lighting or other natural physical disaster Any strike, or lock-out (only those exceeding ten continuous days in duration) affecting the performance of the seller's obligation.
46	The seller shall advise the SGPGIMS by e-mail, for and followed by registered letter duly certified by Local Chamber of Commerce of Statuary authorities the beginning and end of the above causes of delay within 7 (seven) days of occurrence and cessation of such Forced Majeure conditions, in the event of delay lasting over one month, if arising our causes of Force Majeure, the SGPGIMS reserves the right to cancel the order and the provisions governing termination state under articles shall apply. For delays arising out of Forced Majeure, the seller shall not claim extension in completion date for a period exceeding the period of delay attributable to the causes of Force Majeure and neither the SGPGIMS nor the seller shall be liable to pay extra costs provided it is mutually established that Force Majeure conditions did actually exist. The seller shall categorically specify the extent of Force Majeure conditions prevalent in his works (such as power restriction etc.) at the time of submitting the bid and whether the same have taken into consideration or not in the quotations. In the event of delay delivery and/or unsatisfactory manufacturing progress and supply, the SGPGIMS has the right to cancel the purchase order as whole or in part without liability for cancellation charges. In the event of rejection of non-confirming goods the vendor shall be allowed, without any extension of delivery time to correct the non-conformities, should however the vendor fail to do so within stipulated time, the SGPGIMS may cancel the order.
47	No Payment shall be made for rejected material nor would the tenderer be entitled to claim for such items.

48	Rejected items would be removed by the supplier from the site within two weeks of the date of rejection at their own cost. In case they are not removed they will be auctioned at the risk and responsibilities of the suppliers without any further notice.
49	In the case of not honouring the supply order, Sanjay Gandhi Postgraduate Institute of Medical Sciences, will have the right to impose penalty as deemed fit to resort to make purchase at the suppliers cost and risk may forfeit his security to make purchase at the suppliers cost and risk.
50	In the case of non-supply of stores within stipulated period, it will be at the discretion of the Sanjay Gandhi Postgraduate Institute of Medical Sciences to accept delivery with late delivery clause @ 1% per week maximum to the extent of 10% of the ordered value for delayed supply for indigenous item and 0.5% per week subject to maximum of 5% of FOB value in case of imported item.
51	All disputes and question, if any arise between the Institute and the bidder out of or in connection with the terms and conditions contained herein or as to the construction of application thereof, or the respective rights and obligations of the parties there under or as to any clause or thing herein contained or by reason of the supply or failure or refusal to supply any material or as to any other matter in any way relating to these presents shall be referred to the sole Arbitration, President of the Institute/Chief Secretary of the U.P. Govt. or his nominee. The decision of the sole arbitrator shall be final and binding upon both parties and subject to adjudication of Lucknow Court. Place for arbitration shall be at Lucknow (U.P.), India. Venue of such arbitration proceedings shall be the Institute. Arbitration and conciliation Act 1996 and rules made there under shall be applied to the proceedings under this clause.
52	GST Registration certificate duly self attested should also be enclosed. GST certificate or in absence of this certificate, tenderer can attach the copy of current return submitted along with the affidavit from a notary that the firm has never been black listed must be attached along with the tender documents failing which the tender will be rejected.
53	The Manufacturer or their Indian representative will ensure a proper after sales service as per our requirement from time to time, against the guarantee/warranty clause as per terms and conditions agreed under negotiations would be provided at our Institute without fail. Any negligence on this account shall be the sole responsibility of foreign vendor and the liability for compensation will be fixed by the Institute. An undertaking from the manufacturer that in the event of change of Indian Agent, the new agent will providing the CMC on similar terms and conditions or the manufacturer himself undertakes the responsibility of proving the satisfactory after sales services under such events. If the equipment is not rectified by the firm and the equipment is under breakdown for certain period, the Institute will impose the penalty clause for that period as deemed fit (twice the period, equipment remained breakdown).
54	The Price Bid of the technically qualified vendor will be opened on-line after technical evaluation is done.
55	Comprehensive offer would be finalized before placement of order either on comprehensive or semi / non comprehensive basis (with or without spare / consumables /accessories including labour charges) up to expected life span of the equipment by the Institute to the tune of 95% uptime of equipment that CMC will be effective after expiry of warranty period.
56	<p><u>Criteria of selection of product and comparative evaluation of rates</u></p> <p>In addition to clause No.03 & 13 above the criteria for deciding L1 would be as follow:-</p> <p>(a) The evaluation report of technical committee will be the final decision for selecting the firm.</p> <p>(b) If the product has been quoted in foreign currency, in that case the exchange rate prevailing on the date of last date of submission of tender would be taken into consideration for determination of L-1.</p> <p>(c) Finally the following will be considered for determination of L1:</p> <p>(i) Quoted FOB rates of the equipment with all standard and essential accessories as per specification with 5 years unconditional warranty.</p> <p>(ii) Quoted CMC charges including taxes after expiry of warranty period from 6th to 10th year.</p>

	(iii) If the rates are offered in foreign currency, the quoted CIF (Freight + Insurance) charges+ 07% of FOB on account of custom duty, custom clearance, bank charges, freight etc. + IGST as quoted and applicable as per GST norm in price bid will be added for determination of L1 and If the rates are offered in Indian currency, the rates of GST quoted in price bid will be added for determination of L1."
57	<p>The price ranking will be carried out as under:-</p> <p>(i) The exchange rate of the last date of submission of bid will be applicable for price ranking.</p> <p>(ii) The prices for optional items will be excluded for ranking purpose i.e.L-1,L-2 etc.</p> <p>(iii) After omitting 'optional items' ranking will be determined as under</p> <p>Total price: - Price with all accessories as per technical specification + quoted CMC Price (with spares) for five years after warranty.</p>
	<ul style="list-style-type: none"> • Date of currency conversion i.e. last date for submission of tender bid & this will be the comparison rate for the offer made in foreign currency of Financial Bid. • Components to be taken into the consideration to the Financial bid comparison (in case of import purchases) <ul style="list-style-type: none"> (A) Basic cost as detailed in 56 C above and items quoted in INR, if any . (B) Cost of essential / standard accessories (C) Warranty period of 5years, in case the offered rates is less than the required period then the cost of paid warranty to be loaded with a cost for left out period. (D) Value of quoted CMC (Comprehensive Maintenance Contract) for next 5 year. <p>A+B+C+D</p> <p>Name of Part/ consumables / accessories not covered in the warranty period along with their cost be provided with the bid. These rates will be frozen for period of 5 years followed by yearly escalation upto the maximum extent of 10%, if requested (Please refer point no.13).</p> <p>The tenderer is expected to quote the rates on FOB as well as CIF, Central Store, SGPGIMS Lucknow.</p>
58	The supplier will get the equipment/consignment cleared from the customs. The customs Duty and clearance charges as well as freight charges will be borne by the manufacturer/Indian representative at the time of clearance which will be reimbursed by the Institute on production of documentary evidence, where necessary. Also the insurance will be arranged by the firm effective from port of shipment to Central Stores, SGPGIMS, Lucknow and the charges will be reimbursed by the Institute based on documentary evidence subject to the limit of tendered rates on this part.
59	If, the equipment is of foreign make and quoted in Indian currency (INR), the firm will have to submit the AWB or Packing list of manufacturer/principal firm or Cargo Arrival Notice (CAN) in support of import, pertaining to the Institute, if the order is awarded to him/them. The date of these documents will be preferably of later date of supply order.
60	As per Institute's requirement and tender terms, the equipment needs to remain functional during 05 years warranty as well as 05 years CMC period. Keeping this in view, the CMC (Comprehensive Maintenance Contract) on Institute's format (as per annexure-1) would also be executed simultaneously with the qualified bidder/authorized service provider while issuing the supply order. The qualified bidder/authorized service provider will submit the draft of agreement on non- judicial stamp paper of Rs.100.00 duly signed and stamped by the authorized signatory at the time of techno-commercial discussion.
61	<p>Criteria for price bid:</p> <p>The bidder must follow the following criteria for quoting the cost of equipment in second part i.e. price bid:</p> <p>(i) Should be quoted with 5-year comprehensive and unconditional warranty (including all spares, batteries, circuit and other accessories) and five year of comprehensive maintenance contract</p>

	<p>(CMC) thereafter.</p> <p>(ii) Warranty and CMC should include all spares/ accessories including preventive maintenance kits, batteries etc.</p> <p>(iii) Prices of all required consumables should be quoted along with their warranty period.</p> <p>(iv) Rate of consumables, if any, should be quoted separately and they will also be fixed for five years. These should not include any spares/ accessories.</p> <p>(v) In case of any breakdown, fault, repair should be undertaken within 48 hours of receipt of such information, failure to do shall make the company liable for a penalty by forfeiting the submitted Performance Bank Guarantee.</p> <p>(vi) Only the manufacture or its Indian subsidiary can apply. In case there is no Indian subsidiary, only authorized dealers with original authorization letter mentioning authorization for sales as well as after sales services.</p> <p>(vii) For online refund of the EMD, the required details as per clause 4(B) above be provided by the bidder.</p> <p>(viii) Any rule / guidelines declared by the Government would prevail over the existing terms and conditions.</p>
	<p><u>Note-1: Please Note that each tender should be quoted Separately if more than one tender is submitted, failing which the submitted tender will not be considered for opening of the same and liable to be rejected out rightly.</u></p>

Fresh e-Tender			
S.No.	Tender No.	Name of Equipment	Qty.
1.	PGI/MM/HEMA/R/2020-21/01	Weighing Balance	1

• **Weighing balance**

1. Analytical Balance with built-in internal Calibration.
2. Motorized calibration weight, backlit 14 segment display, two tare keys, stability indicator, 4 user selectable filter levels plus optimized display update rate.
3. Capacity: 220g
4. Readability: 0.0001 g
5. Response time (avg.): 2.5 s
6. Repeatability: ± 0.0001 g
7. Linearity: ± 0.0002 g
8. Pan (diameter): 90 mm
9. Weighing chamber (WxDxH): 185x182x230 mm
10. Balance housing (WxDxH): 230x310x305 mm
11. Power Supply: AC 220V /50-60 Hz
12. ISO/GLP-compliant printing/recording of weighing and calibration data.
13. Overload protection.
14. Leveling feet; level indicator.
15. AC adapter.
16. Integrated application programs (mass unit conversion, net-total, calculation: multiplication, division).
17. Warranty: As per institute norms (5 years from installation date).

01
(ONE)

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ESSENTIAL CRITERIA FOR E-TENDERING OF EQUIPMENTS

Essential Criteria:

1. Demonstration mandatory at hospital premises at OEM cost.
2. CMC offered for the quoted equipment should not be more than 5% of the quoted model with not more than 5% escalation per year after completion of CMC period.
3. CMC offered for the quoted equipment must be on OEM letterhead for further years. (CMC offered on distributors/ Vendor letterhead will not be considered).
4. Installation process should be performed by OEM trained service engineer/ service representative on OEM's letter head/ service report, with a mandatory provision of providing preventive service visits of OEM trained service engineer/ service representative quarterly per year till completion of warranty period (i.e. 20 visits for first five years) and further quarterly visit

(04 visits/ year) till the completion of CMC period.

5. The installation process must be completed by the OEM/ Service provider within 30 days of supply.
6. The accessories/ consumables utilized during the period of installation process should be taken care FOC by OEM/ Service provider.
7. The equipment complies with the requirement of the Medical Device Directive of class I equipment and Electromagnetic compatibility; all supporting documents must be provided.
8. **Equipment should have brand name / model number embossed/ etched on the equipment.**
9. In case of technical snag/ failure/ breakdown, the response time for Inspection should be within 24 Hour and repair within 5 days, otherwise provide a service machine until the period of recovery of breakdown of the unit. Failing which will attract penal action as per the decision of the University (Uptime guarantee of 95%).
10. The page of technical bid should be numbered and checklist should be duly filled as per the annexures and all annexures should be in accordance with the format, otherwise it may be the reason for disqualification.
11. All the technical specifications accepted in the compliance statement must be supported by **Original Literature from the firm/ O.E.M with Highlighting, Numbering & flagging as per below mentioned format for the compliance statement.**

S. No	Technical Specification	Compliance Yes / No	Page No. in the proposal submitted where documentary evidence is enclosed as per tender Specs with highlighting, Numbering & flagging
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12. Should be quoted with 5-year comprehensive warranty (including all spares, batteries, circuit and other accessories) and five year of Comprehensive maintenance contract (CMC) thereafter.
13. Warranty and CMC should include all spares/accessories including preventive maintenance kits, batteries etc.
14. Role of consumable, if any, should be quoted separately and they will also be fixed for five years. These should not include any spares/accessories.
15. Only the manufacture or its Indian subsidiary can apply. In case there is no Indian subsidiary, only authorized dealers with original authorization letter mentioning authorization for sales as well as after sales services.

2.	PGI/MM/HEMA/R/2020-21/02	Thermal Cyclor	1
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• **Thermal cycler (PCR machine)**

1. The system should be a 96 well thermal cycler with 0.2 ml well.
2. On board T_m calculator facility to approximate the optimal annealing temperature.
3. The system should provide for Standard and fast run modes in a single instrument with the ability to use 0.2ml PCR tubes or micro-well plates.
4. The system should support PCR volumes ranging from 10-100µl.
5. Temperature range: 0-100°C
6. Max. Block rate: 3°C/sec
7. Max. Sample rate: 2.5°C/sec
8. Mouse or stylus free navigation capability with VGA Color touch screen allowing for easy intuitive graphical user interface programming.
9. Choice of saving the methods up to 1000 to the instrument or unlimited to a USB memory stick.
10. Programmable heat lid cover from 50-105°C for efficient PCR optimization.
11. Necessary reagents like Taq Polymerase, dNTP, along with plastic wares must be provided for 100 reactions.
12. The system should have the ability to store methods.
13. The system should have a USB port to transfer methods from one machine to another.
14. System should allow easy product updates via USB port.
15. The machine should be duly certified/authorized for PCR process.
16. The PCR machine should be provided with 1KVA UPS with 30 min backup.
17. Warranty: As per institute norms (5 years from installation date).

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ESSENTIAL CRITERIA FOR E-TENDERING OF EQUIPMENTS

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5. The installation process must be completed by the OEM/ Service provider within 30 days of supply.
6. The accessories/ consumables utilized during the period of installation process should be taken care FOC by OEM/ Service provider.
7. The equipment complies with the requirement of the Medical Device Directive of class I equipment and Electromagnetic compatibility; all supporting documents must be provided.
8. **Equipment should have brand name / model number embossed/ etched on the equipment.**
9. In case of technical snag/ failure/ breakdown, the response time for Inspection should be within 24 Hour and repair within 5 days, otherwise provide a service machine until the period of recovery of breakdown of the unit. Failing which will attract penal action as per the decision of the University (Uptime guarantee of 95%).
10. The page of technical bid should be numbered and checklist should be duly filled as per the annexures and all annexures should be in accordance with the format, otherwise it may be the reason for disqualification.
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13. Warranty and CMC should include all spares/accessories including preventive maintenance kits, batteries etc.
14. Role of consumable, if any, should be quoted separately and they will also be fixed for five years. These should not include any spares/accessories.
15. Only the manufacture or its Indian subsidiary can apply. In case there is no Indian subsidiary, only authorized dealers with original authorization letter mentioning authorization for sales as well as after sales services.

3.	PGI/MM/HEMA/R/2020-21/01	DNA Electrophoresis	1
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• DNA Electrophoresis unit

- 1- Main buffer chamber
- 2- Super safe lid with attached power supply leads
- 3- Easy Cast Gasketed UVT gel tray
- 4- Universal gel caster to fit different size of gel tray
- 5- Two Combs: 15 & 20 well or more, Double-sided, 1.0/1.5mm thick
- 6- Certifications: CE marked
- 7- Gel Size should be 11 x 9 cm or more
- 8- Running Buffer Volume: more than 500ml
- 9- Sample Range: 5-33 or more

Power Supply

- 10- Power-off memory retains settings after shut-down
- 11- Soft-touch key pad for quick set-up
- 12- Non-skid rubber feet provide stability
- 13- Output Voltage: 10-300V
- 14- Max. Current: should be 2000mA
- 15- No. of Jacks 4
- 16- Display Modes should be Voltage, Current or Power
- 17- Timer also should be 0-99 hr. 59 min.
- 18- Electrical power should be 230V, 50/60Hz and power output = 1-75W.
- 19- Warranty: As per institute norms (5 years from installation date).

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ESSENTIAL CRITERIA FOR E-TENDERING OF EQUIPMENTS

Essential Criteria:

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3. CMC offered for the quoted equipment must be on OEM letterhead for further years. (CMC offered on distributors/ Vendor letterhead will not be considered).
4. Installation process should be performed by OEM trained service engineer/ service representative on OEM's letter head/ service report, with a mandatory provision of providing preventive service visits of OEM trained service engineer/ service representative quarterly per year till completion of warranty period (i.e. 20 visits for first five years) and further quarterly visit (04 visits/ year) till the completion of CMC period.
5. The installation process must be completed by the OEM/ Service provider within 30 days of supply.
6. The accessories/ consumables utilized during the period of installation process should be taken care FOC by OEM/ Service provider.
7. The equipment complies with the requirement of the Medical Device Directive of class I equipment and Electromagnetic compatibility; all supporting documents must be provided.
8. **Equipment should have brand name / model number embossed/ etched on the equipment.**
9. In case of technical snag/ failure/ breakdown, the response time for Inspection should be within 24 Hour and repair within 5 days, otherwise provide a service machine until the period of recovery of breakdown of the unit. Failing which will attract penal action as per the decision of the University (Uptime guarantee of 95%).
10. The page of technical bid should be numbered and checklist should be duly filled as per the annexures and all annexures should be in accordance with the format, otherwise it may be the reason for disqualification.
11. All the technical specifications accepted in the compliance statement must be supported by **Original Literature from the firm/ O.E.M with Highlighting, Numbering & flagging as per below mentioned format for the compliance statement.**

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13. Warranty and CMC should include all spares/accessories including preventive maintenance kits, batteries etc.
14. Role of consumable, if any, should be quoted separately and they will also be fixed for five years. These should not include any spares/accessories.
15. Only the manufacture or its Indian subsidiary can apply. In case there is no Indian subsidiary, only authorized dealers with original authorization letter mentioning authorization for sales as well as after sales services.

4.	PGI/MM/MOL.MED./R/2020-21/01	Immunoblotting transfer & Electrophoresis Unit	1
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⑥

Immunoblotting transfer and electrophoresis unit.

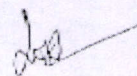
The following components are required in the given specifications.

A. Semidry Transfer System:

- The semi-dry transfer system should be able to transfer 1-4 mini gels or 1-2 midi gels simultaneously or individually. Midi (8 cm x 13 cm), Mini (8 cm x 8 cm)
 - Should be able to transfer proteins ranging from 10 KDa to >250 KDa from polyacrylamide gels to Nitrocellulose or PVDF membranes in short amount of time.
 - Should be able to work efficiently and uniformly for both precast and homemade poly-acryl amide gels.
 - It should be an open system wherein traditional blotting buffer can also be used for blotting.
 - All the electrodes should be inbuilt
 - Instrument should come with inbuilt Power supply which helps in the consistent transfer of proteins from gels to membranes. If not in built then instrument should be supplied with power pack for the same purpose.
 - Easy programming where it can be accessible for pre-programmed methods and also to create, save, edit other customized methods.
 - The system should have Alarm warning sound in case if the gel is not placed properly or the run is finished
 - All the warnings should be displayed on the screen like No load, run finished etc
 - The Instrument should be compliant with International Electrical Requirements with 100-240VAC, 50-60 Hz and 168 W maximum.
 - The system should have a provision for USB port connection within the instrument
 - During the power failure, the system should shut down completely
 - System should be supplied with PVDF membrane, transfer stacks, blotting sheet etc.

B. Protein Gel Casting System

- The system should consist of casting station, cassettes, glass plates and spacers for casting the gel.



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(b)

- It should be a simple assembly with be Leak-free design to avoid leakage and minimizes spillage.
- The gel size should be 8cm x 8cm with thickness of 1.0mm.
- The casting station should be chemically resistant.
- The system should include following components
 - Gel Casting Station
 - Casting Glass Plates
 - Sealing pads
 - Silicone spacers
 - 10, 12, 15-well Combs
 - 10, 12, 15-well Multi Use Tool
- System should be supplied with casting reagents such as Acrylamide solution, APS, resolving and stacking buffer, TEMED etc.

C. Gel Running Tank

- Instrument should accommodate up to 2 or 4 mini SDS PAGE gels individually or simultaneously per run with a size of 8 cm x 8 cm
- Instrument should have a unique tank design with forward facing well configuration that enables convenient side-by-side gel loading
- The buffer chamber requirement for each gel running should be around 300-400mL
- The Gel tank should be compatible with precast as well as hand cast gels
- The Gel tank should be chemically resistant
- Each gel tank should include a gel runner tank, mini gel tank base, mini gel tank lid, cassette clamps (both right and left), power supply adapters and gel knife/separator.
- System should be supplied with compatible wet blot module for wet transfer.

Warranty as per institute.

CMC & AMC as per institute.



Dr. Lokendra Kumar Sharma (PI)
Assistant Professor

Date: _____

Page: _____

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ESSENTIAL CRITERIA FOR E-TENDERING OF EQUIPMENTS

Essential Criteria:

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4. Installation process should be performed by OEM trained service engineer/ service representative on OEM's letter head/ service report, with a mandatory provision of providing preventive service visits of OEM trained service engineer/ service representative quarterly per year till completion of warranty period (i.e. 20 visits for first five years) and further quarterly visit (04 visits/ year) till the completion of CMC period.
5. The installation process must be completed by the OEM/ Service provider within 30 days of supply.
6. The accessories/ consumables utilized during the period of installation process should be taken care FOC by OEM/ Service provider.
7. The equipment complies with the requirement of the Medical Device Directive of class I equipment and Electromagnetic compatibility; all supporting documents must be provided.
8. **Equipment should have brand name / model number embossed/ etched on the equipment.**
9. In case of technical snag/ failure/ breakdown, the response time for Inspection should be within 24 Hour and repair within 5 days, otherwise provide a service machine until the period of recovery of breakdown of the unit. Failing which will attract penal action as per the decision of the University (Uptime guarantee of 95%).
10. The page of technical bid should be numbered and checklist should be duly filled as per the annexures and all annexures should be in accordance with the format, otherwise it may be the reason for disqualification.
11. All the technical specifications accepted in the compliance statement must be supported by **Original Literature from the firm/ O.E.M with Highlighting, Numbering & flagging as per below mentioned format for the compliance statement.**

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13. Warranty and CMC should include all spares/accessories including preventive maintenance kits, batteries etc.
14. Role of consumable, if any, should be quoted separately and they will also be fixed for five years. These should not include any spares/accessories.
15. Only the manufacture or its Indian subsidiary can apply. In case there is no Indian subsidiary, only authorized dealers with original authorization letter mentioning authorization for sales as well as after sales services.

5.	PGI/MM/ENDO./R/2020-21/01	Purchase of HbA1C Analyzer	1
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Specifications for point of care testing HbA1c Analyzer

Earnest Money: As per rules 3

- It is essential that the instrument measures the hemoglobin A1c (HbA1c).
- Certified by NGSP and approved by FDA.
- Portable instrument, bench top, with small foot-print.
- Should work in large range of ambient temperature (15-30 degrees C)
- Should be using capillary whole blood sample for HbA1c analysis.
- Result should be available within 10 minutes/sample or less.
- HbA1c detection range must include 20-140 mmol/mol (4.0-15.0%).
- Should have % CV < 3%.
- Memory storage of up to 500 patient records at least.
- Should have color touch display.
- On-board printer and separate Laser printer
- Quality control: automatic quality checks; essential that controls should be available for use with the instrument.
- Should follow all Indian and international safety norms
- Reagents should be available in multiple pack sizes with large shelf-life.
- UPS, AC adapter power supply.
- Only quotes from manufacturer or their sole distributor are acceptable
- It is essential to provide the verified current rates at which the consumables are provided to other government academic institutions.
- Quotes for all accessories and reagents should be included and should be fixed for 5 years.
- Must mention the warranty period coverage and CMC terms post warranty period.
- Technical support for installation and training to the institute staffs for further operations.
- It is essential that an engineer well trained on the instrument is stationed in Lucknow or attends to calls within 24 hours.
- Cost of investigation to the patient should be mentioned with the offer as a composite cost per test.
- Components to be taken in the consideration to the Financial bid comparison:
 - Basic cost of the Equipment (Cost upto SGPGI stores including customs duty and all other clearing charges).
 - Cost of essential / standard accessories
 - Warranty period of 5 years, in case the offered rates is less than the required period then the cost of paid warranty to be loaded with a cost for left out period.
 - Value of CMC (Comprehensive Maintenance Contract) for next 5 year.
 - Cost of, per test to the patient, consumables for 100 HbA1c tests

V. Bhutta
Prof. V Bhutta
Principal Investigator

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ESSENTIAL CRITERIA FOR E-TENDERING OF EQUIPMENTS

Essential Criteria:

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15. Only the manufacture or its Indian subsidiary can apply. In case there is no Indian subsidiary, only authorized dealers with original authorization letter mentioning authorization for sales as well as after sales services.

2nd time Re-tender Against Advt. No. I/33/JDMM/2019-20, I/48/JDMM/2019-20 & I/54/JDMM/2019-20

Note: The offers submitted earlier by the bidders against advt. no. I/33/JDMM/2019-20, I/48/JDMM/2019-20 & I/54/JDMM/2019-20 will be treated as cancelled. Therefore, those who have already submitted their offer against advt. no. /33/JDMM/2019-20, I/48/JDMM/2019-20 & I/54/JDMM/2019-20 are also required to submit against their offer being tendered with specification in respect of above equipment with earlier proof of deposit of EMD, as they are not required to deposit EMD again but they are required to deposit tender fee. New bidders are required to deposit online EMD and tender fee and enclose its proof in technical bid as per tender terms & conditions, along with their complete offer.

1.	PGI/MM/ENDO.MED./R/19-20/05	Thermocycler/PCR	01
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Specifications of Thermal Cycler / PCR

- Should have a sample capacity of 96x0.2ml tubes, 0.2ml tube strips or 1x96-well plate with Peltier heating and cooling.
- Should have gradient capability
- Should have the feature of dynamic ramping (identical hold times) for all the 8 rows of a gradient.
- Should have a temperature differential range of 1-25degC.
- The touch screen should be responsive for both gloved and ungloved fingers.
- Should be capable of running reaction volumes from 1-100ul.
- Should have a maximum ramp rate of 4 degC/second with an average ramp rate of 2.5degC.
- Should have a temperature range of 4-100 deg C
- Should have a gradient range of 30-100 deg C
- Should have a temperature accuracy and uniformity of ± 0.2 to ± 0.5 deg C.
- Should have block and calculated temperature control modes.
- The software should have exportable Run logs and system error logs
- Should be quiet in operation.
- System should have built in library of standard protocols for long PCR, fast PCR, reverse transcription PCR etc.
- Should have the feature of "instant incubation" to keep samples at constant temp. for ligation and restriction digests.
- Should have power save mode.
- Should be compatible with all kind of plastic consumables and reagents specially reusable sealing Mats.
- Should be licensed for both diagnostic and research applications. A copy of license should be attached.

Essential Criteria:-

1. The quoted specification along with the details of instruments (model no etc/) should be present on manufacturer otherwise bids will be strictly rejected.
2. CMC offered for the quoted equipment should not be more than 5% of the quoted model with not more than 5% escalation per year after completion of CMC period.
3. CMC offered for the quoted equipment must be on OEM letterhead for further years.CMC offered on distribution /Vendor letterhead will no be consider.
4. Installation process should be performed by OEM trained service engineer/service representative on OEM's letter head /service report with a mandatory provision of providing preventive service visits of OEM trained service engineer/service representative quarterly per year till completion of warranty period (I.e 20 visits for first five years) and further quarterly visits (04 visits/year) till the completion of CMC period.
5. The installation process must be completed by the OEM /service provider within 30 days of supply.
6. The accessories /consumable utilized during the period of installation process should be taken care FOC by OEM/Service provider.
7. Equipment should have brand name /model number embossed /etched on the equipment.
8. In case of technical snag/failure/breakdown , the response time for Inspection should be within 24 hour and repair within 5 days ,otherwise provide a service machine until the period of recovery of

breakdown of the unit. Failing which will attract penal action as per the decision of the University (Uptime guarantee of 95 %).

9. The page of technical bid should be numbered and checklist should be duly filled as per the annexure and all annexures should be in accordance with the format, otherwise it may be the reason for disqualification.
10. All the technical specification accepted in the compliance statement must be supported by Original Literature from the firm /O.E.M with Highlights , Numbering & flagging as per below mentioned format for the compliance statement.

ESSENTIAL CRITERIA FOR E-TENDERING OF EQUIPMENTS

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6. The accessories/ consumables utilized during the period of installation process should be taken care FOC by OEM/ Service provider.
7. The equipment complies with the requirement of the Medical Device Directive of class I equipment and Electromagnetic compatibility; all supporting documents must be provided.
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12. Should be quoted with 5-year comprehensive warranty (including all spares, batteries, circuit and other accessories) and five year of Comprehensive maintenance contract (CMC) thereafter.
13. Warranty and CMC should include all spares/accessories including preventive maintenance kits, batteries etc.
14. Role of consumable, if any, should be quoted separately and they will also be fixed for five years. These should not include any spares/accessories.
15. Only the manufacture or its Indian subsidiary can apply. In case there is no Indian subsidiary, only authorized dealers with original authorization letter mentioning authorization for sales as well as after sales services.

2.	PGI/MM/ENDO.MED./R/19-20/06	Inverted Fluorescence Research Microscope	01
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Specification for Inverted Fluorescence Research Microscope

Microscope for Bright field, Phase contrast, DIC & Fluorescence application along with Image Analysis System.

Microscope Body: Inverted Microscope with Infinity corrected optics, Extendable optical space for future up gradation/stage up design, light distribution facility
Eyepiece/ camera port 100:0,20/80, with side Port for attaching camera
And provision of 2nd camera port for another camera up gradation in future, binocular tube & with built in magnification changer 1x-1.5x.

Condenser: Universal turret condenser with 6-7 positions, suitable for all Microscopy applications i.e Bright Field, Phase Contrast & DIC.

Illumination: Uniform High Intensity LED Illumination.

Eyepieces: 10X with F.O.V 22 or better with diopter adjustment facility.

Nosepiece: Sextuple revolving DIC nosepiece with waterproof design.

Stage: Plain stage with glass/acrylic stage ring.

Objectives: Suitable Long working distance Objectives for Bright Field, Phase Contrast, DIC & Fluorescence application;
➤ 4x, N.A.0.10, W.D.20.0 mm or better (Plan Achromat);
➤ 10x, N.A.0.30, W.D. 15.2 mm(Plan Flour).
➤ 40X, N.A. 0.60,W.D. 3.6-2.8mm (S Plan Flour).

Epi fluorescence Attachment: With 6 position filter block turret with Noise Terminator mechanism for high signal to noise ratio images with 130W Pre-Centered HG Illumination with Working Life 2000 Hrs or Better.
➤ Narrow Band pass Fluorescent filters for DAPI/ Hoechst, FITC/GFP And TRITC/Rhoda mine/PI Fluorescence Dyes applications.

Digital Color High Resolution Camera:

Digital high resolution 16 mega pixel color CCD/CMOS camera or better for high resolution color and sensitive Low signal images with pixel size of 6.45um x 6.45um or better, with live display mode: 6 fps at 16 m pixel resolution & max 45 fps at 1.4 m Pixel resolutions, exposure time 100 micro sec. - 120 sec., Fire Wire/USB 3.0 interface for easy installation/transfer to desktop for Analysis with camera adapter for mounting camera on Microscope.

Image Analysis Software with following features:

- Image Acquisition, Analysis & Multi-Channel acquisition & Merging,
- Time Lapse Imaging, Annotation,
- Automated, Manual Measurement & counting,
- Large Image, Macro, Report Generator facility,
- Vector layer & Multi-Dimensional File Format.

DATA PROCESSING UNIT: Branded Computer with i-7 Processor, 4 GB RAM, 1TB HDD, keyboard, optical mouse, DVD writer, 24" TFT color monitor, multimedia kit, Windows 10 OS (64 Bit), USB 3/ fire wire port & cable along with UPS.

OPTIONAL ACCESSORY: DIC accessories i.e Analyzer Block, Polarizer and DIC prisms and modules for 40x-60x objectives.

➤ **NOTE : MICROSCOPE, CAMERA & SOFTWARE FROM SAME MANUFACTURER FOR BETTER COMPATIBILITY, INTEGRATION / UPGRADATION.**

Essential Criteria:

1. The quoted specification along with the details of instruments (model no etc/) should be present on manufacturer otherwise bids will be strictly rejected.
2. 5 year warranty as per institutes guidelines. CMC offered for the quoted equipment should not be more than 5% of the quoted model with not more than 5% escalation per year after completion of CMC period.
3. CMC offered for the quoted equipment must be on OEM letterhead for further years. CMC offered on distribution/ Vender letterhead will not be considered.
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7. Equipment should have brand name/ model number embossed/etched o the equipment.
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9. The page of technical bid should be numbered and checklist should be duly filled as per the annexure and all annexures should be accordance with the format, otherwise it may be the reason for disqualification.
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Essential Criteria:

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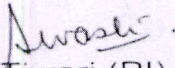
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13. Warranty and CMC should include all spares/accessories including preventive maintenance kits, batteries etc.
14. Role of consumable, if any, should be quoted separately and they will also be fixed for five years. These should not include any spares/accessories.
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3.	PGI/MM/MOL.MED./R/19-20/03	-20° Deep Freezer Horizontal	01
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Specification –20 Deep Freezer (Horizontal)

- 1- Microprocessor controlled Deep Freezer with digital LED displays.
- 2- Temperature range -20°C to -40°C, adjustable with increment of 1°C.
- 3- Working efficiently at wide ambient temperature range of 10°C to 25°C.
- 4- Broad Voltage range 187-242V.
- 5- Built-in Over/Under voltage compensating technology to reduce wear & tear.
- 6- Storage capacity: 250-300 liters.
- 7- High efficiency compressor with CFC free refrigerant.
- 8- Movable & lockable castor.
- 9- 3- 5 standard drawer.
- 10- Door handle for easy operation.
- 11- Malfunction Audio-visual alarms for over/under temperature, voltage, sensor defect, condenser radiating effect, over ambient temperature and power.
- 12- Quality certificate like ISO and CE should be provided along with quote.
- 13- Warranty as per institute rules
- 14- AMC & CMC as per institute rules


Dr. Swasti Tiwari (PI)
Professor & head

Swasti Tiwari
Professor & Head
Department of Molecular
Medicine & Biotechnology
SGPGIMS, Lucknow

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4.	PGI/MM/Endo.Med./R/19-20/03	Bio Safety Cabinet	01
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Specification BIOSAFETY CABINET-II

1. Class II Biosafety Cabinet Type A2 design.
2. Should include a germicidal UV lamp, set of arm rest, an electrical outlet and a support stand provided with levelling bases.
3. External dimension not more than 4 feet width and the front window must have sash opening with working surface of stainless steel. Side wall of the working surface should be made-up of metal.
4. Two motor design with differential pressure sensors across the Supply and Exhaust.
5. HEPA filters.
6. Motor should be DC /ECM & must automatically adjust the airflow speed (balancing inflow and down flow) without the use of a damper to ensure continuous safe working conditions.
7. The microprocessor must display the inflow and down flow air velocities in real-time on an LED/LCD display.
8. Should have port for vacuum tubing and cables on the sides.
9. HEPA/ULPA Filter should be 99.995% MPPS(Most Penetrating Particle Size)
10. UV light must be programmable to allow for specific exposure times from 0 to 24 hours. Lightening power should >1100 Lux (100fc);cabinet noise level must be less than 65 dB(A)
11. Cabinet should be NSF (National Sanitation Foundation) and certificate of the quoted model should be attached.(NO DEVIATION WILL BE ACCEPTED)
12. Power Consumption in Normal mode :200W \pm 10%
13. CE certified with Warranty of 5 year at least.
14. The supplier should have at least 20 installations Base of Biosafety in India and should have service person based at Lucknow.

Essential Criteria:

1. The quoted specification along with the details of instruments (model no etc/) should be present on manufacturer otherwise bids will be strictly rejected.
2. 5 Years warranty as per Institutes guidelines.
3. CMC offered for the quoted equipment should not be more than 5% of the quoted model with not more than 5% escalation per year after completion of CMC period.
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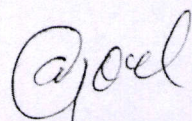
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14. Role of consumable, if any, should be quoted separately and they will also be fixed for five years. These should not include any spares/accessories.
15. Only the manufacture or its Indian subsidiary can apply. In case there is no Indian subsidiary, only authorized dealers with original authorization letter mentioning authorization for sales as well as after sales services.

5.	PGI/MM/GASTRO/R/19-20/01	Deep Freezer -80 Degree	01
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Specifications of Deep Freezer (-80° C)

1. **Temperature range:** 50°C to -86°C (1°C increment).
2. **Capacity:** 520-650 liters.
3. Should have VIP Plus insulation on all walls and the outer door to eliminate distortion, and inhibit moisture accumulation that can lead to icing.
4. Should have Automatic and Manual Vacuum release ports.
5. Should be CFC and HCFC Free.
6. Should have a facility that in case 1 compressor fails, the other compressor maintains a minimum temperature of -70°C for an indefinite period.
7. Should have constant performance monitoring of both refrigeration systems, including compressors and fan motors with self-diagnostic function.
8. Should incorporate energy savings by running the two independent refrigeration systems in overlapping cycles.
9. Should have Touch screen LCD display control panel at eye level with Data log function that retains operation data for a preset period with option to directly transmit data thru USB port.
10. Should have protection from accidental setting of control panel.
11. Should have audible & visual alarms for: High/low temperature, Door ajar, Power failure, Remote alarm contact, Part replacement notification, Fan lock alarms, Refrigeration circuit abnormal alarm
12. Should have filter-less construction to eliminate the need for an air filter or bothersome filter cleaning and maintenance.
13. Should have 4 inner compartments with SS shelves.
14. Should have two independent, insulated & removable inner doors (HCFC free).
15. Should equipped with fivefold gasket air escape and frost formation.
16. Should be CE certified, ISO 9001 & 14001 compliant.



Dr. Amit Goel
Associate Professor
Dept. of Gastroenterology
SGPGI, Lucknow

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6.	PGI/MM/ENDO. MED./R/19-20/05	Spectrofluorometer (Plate Reader)	01
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