MAHAMANA PANDIT MADAN MOHAN MALAVIYA CANCER CENTRE
& HOMI BHABHA CANCER HOSPITAL
महामना पंडित मदन मोहन मालवीय कैंसर सेंटर एवं होमी भाभा कैंसर अस्पताल
(Units of TATA MEMORIAL CENTRE / टाटा स्मारक केंद्र की इकाईयां)
DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA / परमाणु ऊर्जा विभाग, भारत सरकार
VARANASI, UTTAR PRADESH – 221005 / वाराणसी, उत्तर प्रदेश - २२१००५

PURCHASE DEPARTMENT

CORRIGENDUM-I

Date: 11/12/2025

Corrigendum regarding Technical Specification and Tender submission & Opening date.

Tender Ref. No.	:	**HBCH/MPMMCC/RC/OT/23/KH**
CPP Tender Ref. No.	:	CPP ID 2025_TMC_887734_1
Tender Name	:	**Automated Immunohematology (IH) Analyser on Reagent Rental Basis.**

The following changes have been made in the existing technical specification and Tender submission date of the tender.

1.	**Amended Technical specification enclosed below in Annexure – A**

Modified Tender submission and Opening Date.

S. No.	Description	Date as per Original tender notice		Modified date to be read as	
1.	Last Date of Submission	26/12/2025	13:00 Hrs	**12/01/2026**	**13:00 Hrs**
2.	Date of Opening of Technical Bids	27/12/2025	14:30 Hrs	**13/01/2026**	**14:30 Hrs**

Purchase Officer.

Annexure-A

Technical Specification of Automated Immunohematology (IH) Analyser on Reagent Rental Basis for contract period of 03 years plus 02 year extendable (subject to be satisfactory performance & requirement) for Transfusion Medicine Department at HBCH/MPMMCC, Varanasi

Annexure 'A1'

TECHNICAL COMPLIANCE FORM			
Tender No: HBCH/MPMMCC/RC/OT/23/KH			
TECHNICAL SPECIFICATION OF :- FULLY AUTOMATED IMMUNOHAEMATOLOGY ANALYSER			
Intended Use: FULLY AUTOMATED IMMUNOHAEMATOLOGY ANALYSER FOR BLOOD GROUPING, ANTIBODY SCREENING, ANTIBODY TITRE, & PLATELET CROSSMATCH			
The Equipment should be on reagent rental, not for outright purchase.			
Sr. No.	**Name of the Vendor :**		
A	**Technical Specifications / Scope of supply**	**COMPLIANCE** 1) Mention "Complied /Not Complied" 2) Highlight any deviations. 3) Mention part number/Catalogue number of the relevant item quoted.	**REMARKS**
B	**Name of the Manufacturer :**		
C	**Model Name / Model No. of the Equipment**		
D	Year of Introduction Internationally		
E	Year of Introduction in India		
F	Technical Specifications/Scope of supply		
G	"Fully Automated Immuno Haematology Analyser" , complete as per below mentioned configuration and specifications:		
H	Features and specifications required:		
1	**System should be quoted on reagent rental basis only & not on outright purchase**		
2	System should be brand **NEW**, fully automated continuous loading analyzer with random access		
3	The system should be able to perform automated Blood Grouping, Direct Antiglobulin Test, Indirect Antiglobulin Test, Antibody Screening, Antibody Identification, and Compatibility Testing		
4	Blood grouping employed in the fully automated equipment should include cell grouping antisera A, B, AB, D for detection of antigens and serum grouping with A cells, B cells and O cells for detection of antibodies specific to that blood group		
5	The determination for Rh D type should include determination with anti D reagents from two different sources as per DGHS guidelines		

6	The system must be capable for upgradation of advanced tests like determination of IgG and IgM ABO antibody titre and performance of minor antigen phenotyping for Rh, Kell, Kidd, Duffy, MNS etc.		
7	The system should have the facility for bulk sample processing with provision for not less than 50 samples to be loaded together.		
8	The system should have a throughput of 'not less than' 40 blood groupings per hour and 'not less than' 75 antibody screening per hour.		
9	The system should have dual needle pipetting system for processing of multiple samples and reagents		
10	The system should have onboard stability for reagents		
11	The system should have the feature of liquid level detection,sample clot detection and low level notification		
12	The system should have true STAT facility and sample oriented processing		
13	The system should have the facility for automatic back up		
14	**The system should have the facility for automatic cross checking of previous results.**		
15	Should have inbuilt cameras for recording and interpreting images of test reactions and results should be retrievable later		
16	The system should preferably identify and reject hemolysed, lipemic, or icteric samples with indication of the same to the users.		
17	The system should be flexible to run single sample or in a full batch		
18	The system should have a flexible sample tube type loading		
19	User should be able to add samples, replenish reagents, read bar codes without interrupting or delaying tests that are already in progress		
20	System should be able to run multiple parameters at the same time without compromising the throughput or efficiency		
21	System should be able to run the tests in any order and in any combination		
22	All the samples should be identifiable by a bar code reader with a facility for integration with hospital information system		

23	The instrument should have feature of integrated process control for complete traceability for each and every steps performed by the instrument during performing a test and provide report for the same.		
24	System should have bidirectional interfacing with Laboratory information system/ Blood Bank Software & will be the vendor's responsibility to establish the interface		
25	The system should have a facility of continuous refilling of system liquid and waste removal without interrupting the ongoing tests		
26	The system should automatically perform daily QC performance of the reagents, cards, hardware and software employed for various test parameters as a startup protocol		
27	The system should automatically perform reagent Lot QC status during the loading process		
28	The system should perform active monitoring of instrument QC status before each processed sample to ensure valid result and prevent repeat testing		
29	All the batches of all the reagents employed for usage in the fully automated system should be NIB certified and the same has to be provided as a mandatory requirement of the regulatory guidelines.		
30	System should have the capability of inbuilt inventory management system for tracking all the reagents and supplies automatically and alert in case of absence of reagents		
31	The firm should provide rate certificate from any Institution,preferably Govt. institute where similar equipment has been installed.		
32	Original literature along with the user's list should be attached with the satisfactory report for the last three years from three users with contact detail.		
33	The system should be able to notify the operator if an error message appears along with the steps to resolve the error		
34	**Response Time:** In case of any breakdown of equipment, the response time should not be more than 12 hours from lodging a breakdown complaint on toll free or by email.		

35	Further in case of any breakdown of the equipment, the vendor will replace the equipment with a similar or higher model at their own cost till the repair/replacement. Failing it will be treated as breach of contract		
36	System should be able to process following parameters with Present Sample load for Reagent Rental basis & to be quoted as Cost per reportable test (Price of Reagents(Cleaner/Washer/Diluent) /Kits /Calibrator/ QCs (Positive control and Negative control required daily) /Tips required /Any other accessories required for the enclosed parameters according to the mentioned number of tests must be quoted) and the rate will be frozen for 5 years		
37	Blood Grouping - 3200 tests per month (approx), Direct Antiglobulin Test- 10 tests per month (approx), 3200 Indirect Antiglobulin Test- tests per month (approx), Antibody Screening- 10 tests per month (approx), Antibody Identification- 10 tests per month (approx), and Compatibility Testing- 2000 tests per month (approx)		
38	ABO antibody titre (IgG and IgM), and Extended phenotyping for Rh and Kell- AS PER NEED		
39	With approximate monthly utilization mentioned , Cost per reportable test (CPRT) and how the calculation is done to arrive at it is to be indicated.		
40	Cost Per Test (CPT) is to be indicated for the tests mentioned as AS PER NEED		
41	L1 will be identified based on total of all cost per reportable test / month of tests with the indicated sample volumes		
42	The workload may increase/decrease as per the requirement of department and placement of additional equipment with increasing workload at no additional cost will be the responsibility of the vendor		
43	Standard accessories (All the standard accessories should be supplied as the part of the equipment)		
44	Essential consumables:		
45	Indicate if the quoted model needs proprietary consumables (Equipment being closed or open system)		

46	Provide List of consumables with their prices in the Financial bid.to conduct the above mentioned tests in S No. 37, 38 & 39		
47	Upgradibility capability (List down possible upgrades for the quoted model)		
48	New software/technology updates are to be periodically installed in the system with no additional cost to the institute		
49	On-Line UPS/Voltage Stabilizer/ Printer		
50	Suitable power UPS should be provided and the maintanence shall be entirely the responsibility of the vendor.		
51	Suitable Voltage Stabilizer shall be provided and the maintanence shall be entirely the responsibility of the vendor.		
52	Suitable Laser Printer shall be provided and the maintanence shall be entirely the responsibility of the vendor.		
53	Periodic Calibration: Is the responsibility of the vendor as per standard norms.		
54	Regulatory Approvals, If any. Details with copies of approvals.		
55	Reagents should be acceptable by DCGI, N.Delhi & NIB, Noida		
56	Safety requirements:It should follow International / national safety requirement. Please specify certification with certifying agency and country with copies of certificate.		
57	US FDA/EUROPEAN CE-IVD/BIS/ICMED approved system certification for the equipment to be submitted.		
58	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model.)		
59	**Input power supply requirements:** 240 V AC ± 10 %, 50 Hz, single phase. Specify if any other power supply requirement is recommended.		
60	After Sales Service Support.		
61	Complete operational manuals and technical information including circuit diagrams should be provided.		
62	The equipment should be entirely maintained by the company with periodic (One visit every six months) preventive maintenance, calibrations and break down repairs including spare parts. The company has to ensure uptime guarantee of 95% taking into consideration 313 working days in a year.		

63	Preinstallation Requirements :- Provide details of preinstallation requirements, special ambient conditions, if any, space requirement, any other special needs.		
64	Vendor should visit and ensure the space provided for the installation of the equipment is adequate for their system.		
65	Ensure the Foot print of the machine should be a match with the installation site.		
66	Installation, Commissioning, testing and Training		
67	Unpacking and Shifting the consignment to the installation site is to be included in the scope of supply. Bidder/manufacturer/authorized service provider should take responsibility to lift/shift the consignment from unloading site to the installation site . Unloading site shall be "Stores Department, D&T Building, MPMMCC, Sunderbagiya, BHU Campus, Varanasi". Installation site shall be "Red Cell Serology Lab, Blood Centre, Department of Transfusion Medicine, D&T Building, MPMMCC, Sunderbagiya, BHU Campus, Varanasi". If needed, Bidder has to arrange for the labourers at no charge for MPMMCC&HBCH. (Before submitting the quotation, bidders may visit to know the unloading site and the installation site)		
68	Installation,Commissioning and Training is included in the scope of supply. Bidder/ Manufacturer and/or its authorized representative should undertake installation and commissioning of the equipment.		
69	Complete system should be installed, tested for its performance as per manufacturer's SOP/guidelines and demonstrated to the Institute's Users. In depth training should be provided to the Institute's users for maintenance, usage and applications.		
70	Certificate to be provided to the effect that shut down period of the machine must not exceed for more than 48 hours & back up equipment option in case of equipment breakdown.		
71	Warranty and after sales support: It will be a complete vendor's responsibility.		
72	**Important terms to be noted by the bidders:**		
73	Read the above scope of supply carefully and quote accordingly. Incomplete and /or partially complete offers are liable to be rejected.	Agree/Not Agree	

74	Mention the time required to install the system.	- .....days	
75	After opening of the Technical bid (Part-1), Physical demonstration of the quoted model may have to be shown / arranged by the bidder, if requested by the Institute. Physical demonstration may be shown at one of the end user's site/Principle company's application lab/manufacturing site located in Uttar Pradesh/Delhi-NCR cities. If there are no installations of the quoted model in Uttar Pradesh/Delhi-NCR cities, then the quoted model may have to be brought in at MPMMCC for demo purpose **within 10 days from the date of request.** Physical Demonstration may be requested to confirm the availability of any or all technical features as mentioned/stated in the technical bid. Physical Demonstration will also be a part of technical evaluation process. If the bidder does not comply, such bids are liable to be disqualified. (Demonstration of quoted model is to be shown and not the demonstration of similar models with different technical specifications and features)	Agree/Not Agree	
76	Past experience of the bidders in terms of quality of supplied equipments, after sales service and application support will be taken into consideration while technical evaluation. Bidders who has unsatisfactory past experience in last 2-3 years, in terms of quality of supplied equipments, after sales service and application support, bids of such bidders may liable to be rejected.	Agree/Not Agree	
77	Complete and detailed information should be provided in respect to each point specified in the specifications. Technical bids that are incomplete in any respect are liable to be rejected. Provide relevant supportive information, publications, catalogue, etc. Bidders providing misleading or wrong information are liable to be rejected. All technical claims should be printed in the technical brochure of the equipment.	Agree/Not Agree	
78	If any contradictory statements /figures/information is observed in the compliance chart and in the technical bid, then the technical information mentioned in the product literature/brochure will be considered true and further evaluation will be done based on the information given in the product literature/brochure.	Agree/Not Agree	

79	Remarks column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied ".	Agree/Not Agree	
80	**Declaration by the bidder**		
81	We have quoted for all the items meeting the description/scope of supply in the Financial bid as per prescribed format of the Tender documents and we agree that Partial/incomplete offers are liable for rejection.	Yes/No	

- If any of the above conditions wherever applicable are not adhered to, MPMMCC/HBCH Varanasi reserves right to reject the offer even after finalizing the contract.
- Please mention whether UPS/ Stabilizer R.O is required for the equipment. If so should be included in the offer.
- MPMMCC/HBCH Varnasi has the right to ask for the replacement of machine or reject the contract if more than 10 major breakdown should provide all the related documents for the verification of compliance that will be filled in respect of quoted model (example Catalogue of mentioned model)

Certified that the above information is correct & true to the best of my knowledge and belief. In case any information is legal suppressed, and /or found false and incorrect, the under signatory will be personally responsible for the consequences, and that the tender is liable to be rejected summarily without assigning any reason.

Signature of the Bidder and Seal