

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-110029
STORE SECTION (DO)**

Ref. No. XX-55/SO(DO)/B.B./2025-26/M&E

Dated: 01.09.2025

CORRIGENDUM

It is informed that the tender bearing no. XX-55/SO (DO)/Blood Bank/2025-26/M&E and CPP tender I.D. No. 2025_AIMSD_870188_1, was published through CPP portal has revised technical specification & dates of tender has been extended, as per TSEC recommendation and detail given below:

Procurement of Automated Chemiluminescence Immunoassay.			
Sl. No.	DETAIL	EXISTING	AMENDED/EXTENDED
1.	Bid submission END Date	02.09.2025	16.09.2025
2.	Bid Opening Date	03.09.2025	17.09.2025
3.	Technical Specification	Enclosed revised technical specification. Annexure-I	

All other terms & condition of the tender are same.

 1/9/25

Sr. STORE OFFICER (DO)

Automated Chemiluminescence Immunoassay for Blood Donor Screening
Quantity = One,

SN	Technical Specification	Comments
1.	Name	Fully Automated Chemiluminescence Immunoassay System Floor Model.
2.	Clinical Purpose	Automated System for screening blood donors donating blood and blood components for transfusion purpose. The parameters mandatorily required in the system include HIV 1&2 (anti-HIV1 and anti-HIV 2 with p24 combo), HCV (anti-HCV), HBV (HBsAg) and syphilis (treponemal antibodies)
Technical Characteristics		
3.	Working Principle	Chemiluminescence (enhance CLIA/ECLIA/CMIA)
4.	Sample Type	Serum, Plasma, Whole blood
5.	Sample Collection	Human serum (including serum collected in serum separator tubes) or plasma collected in potassium EDTA, lithium heparin, sodium heparin, sodium citrate, ACD, CPDA-1, CPD, CP2D.
6.	Volume of sample required	Sample volume required for a single test should be <200 µL, Dead volume: <100 µL. It should be capable of handling smaller volumes and any accessory required (eg. special cuvettes etc.) should be provided by the firm.
7.	Sample Tubes	Should be able to process samples in 3-6 ml vacutainers. Ability to process samples in pediatric vials is a desirable feature.
8.	Sample Position	Should have a minimum of 100 sample positions and continuous loading should be possible. It should have separate positions for STAT sampling, controls, standards and calibrators. STAT samples must be processed on priority
9.	Sample clot /low volume detection	It should have the facility to detect clots or low sample volume. The equipment should flag such samples and continue the worklist without aborting the processing of other samples.
10.	Throughput	Capacity to process minimum 35 donor samples (4 parameters per donor i.e. HIV, HBV, HCV and syphilis) per hour. <i>Supporting documents to this effect from the manufacturer should be submitted at the time of bid.</i> Capacity to process 25-35 donor samples (4 parameters/tests per donor i.e HIV,HBV, HCV and syphilis) per hour"
11.	Turnaround time	Maximum turnaround time for one donor sample (all 4 parameters) should be ≤60 minutes. Time will be measured from aspiration of sample.
12.	Parameter	4 th generation HIV Ag/Ab (1&2), HBsAg, Anti-HCV, Anti-treponemal antibodies. Any upgrades in the generation of the reagents will be informed to the user and such upgrades will be provided to the user at the same rate at which the cost is fixed at the time of contract. Additional desirable assays - HCV Ag, HBV confirmatory, Anti-Hbc (Total and IgM), anti-Hbs Anti-HBe, CMV IgG, BNP, Ferritin.
13.	Results Storage	Should have storage capacity of minimum 1,00,000 results (Annual results). Back-up of the results (in user readable format) in Pen drive/ Hard disks should be provided to the user. Any media required for year wise back-up to be provided and managed by the firm throughout the life cycle free of cost.
14.	Reagent Type /Control /Calibrator	All liquid stable ready-to-use reagents
15.	Reagent Positions	Should have reagent storage onboard sufficient to process minimum 300 samples with a facility to replenish the reagents without needing to stop the run or restart the instrument. It should have an automatic barcode identification facility. System should

- have zero liquid consumable dead volume to minimize assay cost.
16. Assay Performance Assay of interest specified in point 2 should not be affected by presence of biotin. Literature relevant to factors affecting the results of the assays should be provided.
 17. Reagent on Board Stability Minimum 5 days on board stability of the reagents. Should have the capability of inbuilt inventory management system for reagents.
 18. Reagents and Consumables Cost of Reagents & all the consumables should be quoted and fixed at the time of tender for 10 years with fall clause which is to be submitted annually. Any reagent/consumable that is essential for performing the tests but not mentioned and included in rate contract will have to provide by the firm free of cost.
Should have disposable reaction tubes and tips. fixed probe or any other technology for sampling of individual samples to prevent carryover and minimum contamination with carryover of >0.1 ppm. Documents verifying the claim w.r.t. carryover should be included along with tender
 Should have disposable reaction tubes and tips for sampling of individual samples to prevent carryover and minimum contamination with carryover of < 0.1 ppm. *Documents verifying the claim w.r.t. carryover should be included along with tender*
 19. Assay Sensitivity /Specificity Both >99.5% for the tests mentioned in point 2. *Relevant documentary proof to this effect should be submitted at the time of tender. Both >99.5% for HIV, HBV, HCV and 99% for syphilis. Relevant documentary proof to this effect should be submitted at the time of tender*
 20. In-built quality provisions Should have suitable inbuilt software for monitoring QC system for the quality of result obtained.
 Should have the self- diagnosis and error recovery system with onboard operator guides for efficient basic trouble shooting.
 Should have barcode reading facility and should be able to read the barcode of all sizes, especially the existing barcode labels. If any changes in the bar code labels is required for compatibility with the equipment, it will be the responsibility of the firm including the cost of consumables and technology.

Physical Characteristics

21. Dimensions Length <10 feet, width <5 feet
22. Host Interface Bidirectional and should be able to interface with the existing blood bank management software and it will be the responsibility of the firm to complete the interface at the time of installation and provide middleware FOC (if required) including 24X7 support for the same for life cycle of equipment. All accessories such as wiring, network switches etc required for interfacing would be provided by the firm FOC.
23. Power Requirement AC 200 – 240V, 50 or 60 Hz Self adjusting with compatible online UPS along with battery backup. Equipment must meet existing Indian electrical safety standards for medical equipment (*Provide relevant documents to this effect*)

Environmental Conditions

24. Working Temperature Clean room, Air conditioned, working temperature 10-45°C
25. Humidity Relative Humidity at 25°C (77°F), Humidity 10% - 85% (non-condensing)

Quality Control

26. Internal Quality Should provide liquid Controls for all assays/markers in point 2.
27. Calibration Should provide liquid calibrators and perform multi lot calibration
28. Certification Compliance with **ISIRI** (Europe, from 4 digit notified body)/ BIS/equivalent Indian standards (*Provide documentary proof*)

Others

1. Hands on training of all users by supplier for operating equipment should be given free of cost with all necessary pre-requisites, startup kits, QC & calibrators for all enclosed parameters.
2. All required prefabrication of the room, electrification and plumbing specific to the equipment at defined site should be done by vendor including UPS, Air Conditioner, deionized/distilled water plant with maintenance for entire life cycle free of cost
3. Physical demonstration of the equipment at AIIMS, New Delhi or at any other government / NABH accredited blood center in Delhi NCR is mandatory. Failing to demonstrate the equipment will lead to disqualification on technical basis.
4. *Performance certificate and satisfactory service certificate for the quoted equipment from at least three blood centers (with minimum 10000 annual blood collections) preferably from academic centers for the last three years should be provided by the vendor.*
5. *Original user manual in English must be submitted*
6. Cost of reagent & all the consumables should be quoted at the time of tender and price shall be fixed for 10 years for workload in the format as mentioned below

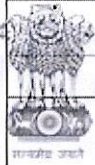
SN	Test Name	Test/Year	Pack size	Cost/pack	Remarks
1.	Anti-HIV 1 & 2	60000			
2.	HBsAg	60000			
3.	Anti-HCV	60000			
4.	Anti-treponemal antibodies	60000			
For consumable required for running the test as above					
1.					
2.					
3.					
4.					
5.					
6.					

Please note that the test/year is with the current workload. **Increase in workload of around 5% is to be considered and added year wise for next 10 years for calculating the life cycle cost.** The total cost of reagents for the life-cycle of the equipment (ie 10 years) will be calculated and will be included in the total cost of the equipment for financial comparison. The number of tests indicated above is only for financial comparison and the user is not bound to purchase the minimum number of test as indicated above.

Note- The bidder should provide the list of other diagnostic/screening tests that are available with quoted instruments and not mentioned in the specification. Additional tests should be provided in separate table in the format mentioned above and the cost of reagents & all the consumables should be quoted at the time of tender and price shall be fixed for 10 years. Additional parameters will not be included is life cycle costing

7. During the life cycle of the equipment any wastage of reagent attributed to reasons related to equipment error/failures would be compensated free of cost by the bidder on annual basis.
8. Accessories: All accessories required along with the equipment such as computer with peripherals, printer, UPS, voltage stabilizer, bar code reader, bar code printer, distilled water/demonized water plant etc. will be provided by the vendor FOC. Any repair/servicing/upgrade for the accessories will be the responsibility of the vendor for lifecycle of equipment including replacement of the accessory if it is deemed irreparable.

9. **Warranty:** Comprehensive warranty for 2 years from the date of installation without any exclusion followed by next 8 years' comprehensive maintenance contract. The cost of warranty and CMC will also 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
10. Undertaking from OEM for not discontinuing the services next 10 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.
11. 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 cumulative 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. Back-up equipment of same make and model is to be provided by the firm.
12. 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 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 off on recommendation of the user department if the reasons of delay are genuine. The same are recorded & endorsed by the concerned department.
13. The firm will provide a backup equipment if the workload exceeds the capacity of the current equipment during the life cycle of equipment free of cost. The equipment may be similar or of lower capacity and should used same reagents/consumables as purchased equipment



Organisation Chain :	All India Institute of Medical Science-New Delhi Store Main Hospital - AIIMS New Delhi
Tender ID :	2025_AIMSD_870188_1
Tender Ref No :	XX-55/SO(DO)/Blood Bank/25-26/ME
Tender Title :	Purchase of Automated Chemiluminescence Immunoassay - 01 No.
Corrigendum Type :	Date

Corrigendum:1

Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size(in KB)
Corrigendum	Corrigendum of Bid dates extended.	01-Sep-2025 12:25 PM	55_0001.pdf	248.59

Critical Dates

Publish Date	23-Jul-2025 06:00 PM	Bid Opening Date	17-Sep-2025 03:00 PM
Document Download/Sale Start Date	23-Jul-2025 06:00 PM	Document Download/Sale End Date	16-Sep-2025 03:00 PM
Clarification Start Date	23-Jul-2025 06:00 PM	Clarification End Date	29-Jul-2025 04:00 PM
Bid Submission Start Date	18-Aug-2025 04:00 PM	Bid Submission End Date	16-Sep-2025 03:00 PM
Pre Bid Meeting Date	06-Aug-2025 11:00 AM		

Details Before Corrigendum

Critical Dates

Publish Date	23-Jul-2025 06:00 PM	Bid Opening Date	03-Sep-2025 03:00 PM
Document Download/Sale Start Date	23-Jul-2025 06:00 PM	Document Download/Sale End Date	02-Sep-2025 03:00 PM
Clarification Start Date	23-Jul-2025 06:00 PM	Clarification End Date	29-Jul-2025 04:00 PM
Bid Submission Start Date	18-Aug-2025 04:00 PM	Bid Submission End Date	02-Sep-2025 03:00 PM
Pre Bid Meeting Date	06-Aug-2025 11:00 AM		



Organisation Chain :	All India Institute of Medical Science-New Delhi Store Main Hospital - AIIMS New Delhi
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Tender Ref No :	XX-55/SO(DO)/Blood Bank/25-26/ME
Tender Title :	Purchase of Automated Chemiluminescence Immunoassay - 01 No.
Corrigendum Type :	Technical Bid

Corrigendum Document Details

Corr.No.	Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size(in KB)
1	Corrigendum	Corrigendum of Revised technical specification	01-Sep-2025 12:29 PM	55Corrigendum_0001.pdf	2155.39