

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

Ref. No. XX-186/SO(DO)/Micro./2025-26/M&E

Dated: 30.01.2026

CORRIGENDUM

It is informed that the tender bearing no. XX-186/SO (DO)/Micro./2025-26/M&E and CPP tender I.D. No. 2025_AIMSD_891421_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 Next Generation Sequencing Machine – 01 No.			
Sl. No.	DETAIL	EXISTING	AMENDED/EXTENDED
1.	Bid submission END Date	04.02.2026	16.02.2026
2.	Bid Opening Date	05.02.2026	17.02.2026
3.	Technical Specification	Enclosed revised technical specification. Annexure-I	

All other terms & condition of the tender are same.


STORE OFFICER (DO)



ANNEXURE-I

Name of Equipment: Next Generation Sequencing Machine

Quantity: 01

Molecular Biology Lab

<u>S.No.</u>	<u>Revised Technical Specifications</u>
1.	The system should offer flexibility for supporting diverse applications such as targeted sequencing, whole genome sequencing of microbes to confirm circulating strains, origin and source of infection, emergence of novel strains, drug resistance genes, etc.
2.	System should be capable of performing fully automated nucleic acid sequencing.
3.	Loading of the target nucleic acid should be fully automated.
4.	The system chemistry should enable automated sequencing of read length of at least 200-500 bases/100-500x2 bases by using sequencing by synthesis/binding/SMRT (Single molecule real-time).
5.	System should support fully automated pairedand/or single endsequencing.
6.	System should offer atleast 25-30 GB of high-quality data. The system should also enable high throughput multiplexed sequencing of nucleic acids with at least 50-100million reads in one direction in a single run.
7.	Sequencing output generated should have at least 99.9% raw accuracy with high quality data, i.e. base calling accuracy of 1:1000 including GC rich regions, indels and substitutions.
8.	Base call accuracy should be directly derived from intensity data.
9.	Average noise level in data should be below 5%.
10.	Turnaround time from sample collection to reporting should be minimal to support clinical reporting.
11.	The sequencer should be able to accurately read through 10-20 base pair long nucleotiderepeat sites in genome.
12.	The data analysis module should enable real time analysis and should have seamless integration of data output with cloud computing environment.
13.	Vendor should upgrade the software as and when required even during CMC period without any additional charges(2+8 years).
14.	The system should be offered with all the required compatible ancillary instruments including: nucleic acid fragment analyzer, fluorescence based Nucleic Acid Quantification system, 96 well <u>four</u> PCR systems for nucleic acid amplification, Variable speed plate shaker, Refrigerated Plate centrifuge with plate rotor, 96 well magnetic stand and 12/16 tube magnetic stand. All ancillary equipment should be of highest quality and as per protocol recommendations to ensure compete workflow for Next generation Sequencing.

15.	The server provided with the system should be of highest quality with latest Dual Intel Xeon processors (16 core or more), at least 256 GB RAM, 2TB SSD SAS, professional GPU card with at least 16GB onboard RAM, 10Gbe quad port network card and an additional 24TB RAID data storage. Latest Linux for lifetime validity (RedHat Enterprise/Ubuntu), Windows Server OS and Color Laser Printer to be supplied separately with multi-user licenses (2 user licenses) and installation media.
16.	System should be user friendly with intuitive touch screen user interface and RFID tracking for minimal user intervention.
17.	System should run on 220-240V, 50/60 Hz AC current and should be supplied with India compatible power cords.
18.	Vendor should offer onsite training to multiple users and conduct multiple wet labs with bioinformatics to fully train the designated technical personnel.
19.	Site preparation for installation as per requirement of equipment including two appropriate air conditioning, dehumidifier for humidity control, vibration-free table and 5:0 KVA Online compact UPS with 120 minutes backup should be done by the vendor.
20.	System should be quoted with two years complete cover warranty and additional eight years comprehensive maintenance contract as per AIIMS rules. Preventive maintenance visits as per manufacturer's recommendations should be undertaken during warranty period, in addition to the breakdown / service calls. Downtime to the breakdown / service calls should not be more than 2 days.
21.	Demonstration of the quoted equipment, if desired by committee, will be mandatory at AIIMS, New Delhi premises, failing which bid will be summarily rejected.
22.	The system should be open for accepting the 3 rd party library prep kits (other than OEM)
23.	OEM certified IQ/OQ/PQ of instrument should be provided on site along with documents.

It is certified that the specifications are general, broad based and not bound to any particular firm/brand.

Copy of License issued by CDSCO/State Licensing authorities in procurement of medical devices should be submitted by the firm along with the technical bid.

GENERAL CLAUSES

1. **Warranty:** 2- years' comprehensive warranty from the date of satisfactory installation.
2. **CMC:** (3rd to 10th year) after completion of the 2 years warranty period with spares and labor.
3. **Penalty clause:** Direct presence in India with strong after-sales technical and service

support and must ensure that all faults are rectified within 72 hours otherwise a penalty will be applicable 0.025% of the equipment cost per day for Seven days (one week), and for second week it will be double of first week (0.50%) and in the 3rd week it will be so on maximum upto 10.0% of the contract value/ basic cost of equipment. After that Director, AIIMS may take any administrative action like; removal from list, Debarring/ Blacklisting of the firm.

4. Workstation, Essential Accessories & Reagents:

- a. System should include computer workstation 8 core Processor 16 GB RAM, 2 TB Storage and preloaded with Latest Linux (RedHat Enterprise) for One Computer with lifetime validity.
- b. Color Laser Printer with two sets of extra cartridges of black and all colors with wireless facility
- c. Essential Accessories:
 - Automated gel electrophoresis for size selection & Nucleic acid fragment QC
 - Fluorometer for accurate measurement of DNA/RNA/Protein in a sample
 - Magnetic stand for sample preparation
 - Branded, compatible online UPS to support the entire system
 - 96 well four PCR system for nucleic acid amplification
 - Variable speed plate shaker
 - Refrigerated plate centrifuge with plate rotor
 - 96 well magnetic stand and 12/16 tube magnetic stand
 - Two appropriate air conditioning dehumidifier for humidity control, vibration free table and 5.0 KVA online compact UPS with 120 minutes backup should be done by the vendor

All ancillary equipments should be of highest quality and as per protocol recommendations to ensure complete workflow for next generation sequencing

5. Training: On Site training to Doctors/ Technicians/ staff is to be provided by Principal/Indian Agents (if they have the requisite know-how) for operation and maintenance of the equipment to the satisfaction of the User Department.

6. Additional Terms and Conditions.

- i) The bidders must agree to provide any up gradation and update of system and software's (if any) free of cost for next 05 years from the date of successful installation.
- ii) All consumables required for installation, operational and performance qualification and for the demonstration of system to be provided.
- iii) The bidders must agree to provide minimum of 2 years of comprehensive warranty (including all manufacturing defects, all spares, accessories software application, faculty workmanship, if any and all labor) from date of actual completion of satisfactory installation of equipment. The bidders must agree that breakdown of the instrument

that will be addressed within 24 hours by an onsite visit.

- iv) The comprehensive warranty for 8 years must be included along with CMC quotations fixed for next year. This should include all calibrations and preventive maintenance per year.
- v) End user feedback should be provided from at least three NGS users from reputed Government Institutions. The list of these users, with full details of contact persons, addresses, telephone, mobile, and email should also be provided in table format.
- vi) Complete price should be quoted for different consumables which will be used in the equipment in the future. These prices should be frozen for subsequent 08 years. However, in case of a reduction in price the lower price to be communicated and to be charged by the supplier. Undertaking must be given by the supplier in this regard. The price of all reagents must be quoted in tender. No additional reagent should be quoted later.
- vii) Bidder should agree to provide mandatory onsite application training. Should demonstrate the required objective of the test with the claimed limit of detection/ quantification with the sample provided and or bring suitable samples.



Organisation Chain :	All India Institute of Medical Science-New Delhi Store Main Hospital - AIIMS New Delhi
Tender ID :	2025_AIMSD_891421_1
Tender Ref No :	XX-186/SO(DO)/Micro./2025-26/M E
Tender Title :	Purchase of Next Generation Sequencing Machine - 01 No.
Corrigendum Type :	Date

Corrigendum:1

Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size(in KB)
Corrigendum of Bid dates extended	Corrigendum	30-Jan-2026 11:47 AM	XX-186Date_0001.pdf	224.98

Critical Dates

Publish Date	26-Dec-2025 04:00 PM	Bid Opening Date	17-Feb-2026 03:00 PM
Document Download/Sale Start Date	26-Dec-2025 04:00 PM	Document Download/Sale End Date	16-Feb-2026 03:00 PM
Clarification Start Date	26-Dec-2025 04:00 PM	Clarification End Date	01-Jan-2026 04:00 PM
Bid Submission Start Date	21-Jan-2026 04:00 PM	Bid Submission End Date	16-Feb-2026 03:00 PM
Pre Bid Meeting Date	12-Jan-2026 03:00 PM		

Details Before Corrigendum

Critical Dates

Publish Date	26-Dec-2025 04:00 PM	Bid Opening Date	05-Feb-2026 03:00 PM
Document Download/Sale Start Date	26-Dec-2025 04:00 PM	Document Download/Sale End Date	04-Feb-2026 03:00 PM
Clarification Start Date	26-Dec-2025 04:00 PM	Clarification End Date	01-Jan-2026 04:00 PM
Bid Submission Start Date	21-Jan-2026 04:00 PM	Bid Submission End Date	04-Feb-2026 03:00 PM
Pre Bid Meeting Date	12-Jan-2026 03:00 PM		



Organisation Chain :	All India Institute of Medical Science-New Delhi Store Main Hospital - AIIMS New Delhi
Tender ID :	2025_AIMSD_891421_1
Tender Ref No :	XX-186/SO(DO)/Micro./2025-26/M E
Tender Title :	Purchase of Next Generation Sequencing Machine - 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 of Revised tech. specification	Corrigendum	30-Jan-2026 11:53 AM	XX-186Revised_0001.pdf 	1346.18