

ALL INDIA INSTITUTE OF MEDICAL SCIENCES,

STORE SECTION (DO), 1<sup>ST</sup> FLOOR, ANIMAL HOUSE,

ANSARI NAGAR, NEW DELHI-110 029, INDIA

## TENDER ENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipment's)



Advertised Tender Enquiry No.

XX-43/SO(DO)/Pharmacology/2026-27/M&E

Brief Description of Goods:

Purchase of Multi Mode Microplate Reader  
for Department of Pharmacology (Q= 1 No.)

**SECTION-I**



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**  
**ANSARI NAGAR, NEW DELHI-110 029**  
**NOTICE INVITING TENDERS (NIT)**

Advertised Tender Enquiry No : **XX- 43/SO(DO)/Pharmacology/2026-27/M&E**

On behalf of Director, AIIMS, Ansari Nagar, New Delhi-110 029, online bids are invited in two bid system (Techno-Commercial Bid and Financial Bid) from reputed, eligible and qualified firms/manufacturer for supply of following Goods:

S. No.	Brief Description of Goods	Quantity	Amount of Bid Security/EMD
1.	Multi Mode Microplate Reader	01 No.	INR Rs. 1,00,000/-

**CRITICAL DATE SHEET**

Published Date & Time	17.06.2026 Time to be followed from CPPP
Bid Document Download/Sale Start Date	17.06.2026 Time to be followed from CPPP
Seek Clarification Start Date	17.06.2026 Time to be followed from CPPP
Seek Clarification End Date	19.06.2026 at 11:00 a.m
Pre Bid Meeting	NA
Pre Bid Meeting Place & Address	NA
Bid Submission Start Date & Time	22.06.2026 at 09.00 a.m
Bid Submission End Date & Time	21.07.2026 (Tuesday) at 01.00 p.m
Bid Opening Date & Time	22.07.2026 (Wednesday) at 02.00 p.m

**Instructions:**

1 Bids shall be submitted online only at CPPP website:

<https://eprocure.gov.in/eprocure/app>

2. The Bidder shall download the Tender Enquiry Document directly from the websites <https://eprocure.gov.in/eprocure/app> and shall not tamper/modify it including downloaded Price Bid template in any manner. In case if the same is found to be tempered/modified in any manner, Tender/Bid will be summarily rejected and EMD would be forfeited.

3. The complete bidding process is online. Bidders should be possession of valid Digital Signature Certificate (DSC) of class III for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above.

4. Bidders are advised to follow the instructions provided in the "Instructions for Online Bid Submission" in Para No. 11 of GIB of Tender Enquiry Document.

5. Bidders are advised to visit this website regularly to keep themselves updated, for any changes/ modifications in the Tender Enquiry Document.

6. Intending bidder are advised to visit CPPP website <https://eprocure.gov.in/eprocure/app> regularly till closing date of submission of bid, for any corrigendum.

7. The documents to be submitted in their bid may be scanned with 100 dpi with black and white option which helps in fast uploading.

8. The EMD/Bid Security shall be deposited through Bank Guarantee/Demand Draft/FDR drawn in favour of the **AIIMS Main Grant**. The original Earnest Money/Bid Security must be delivered to **Stores Officer, Store Section (DO), 1st floor, Animal House Building(Near Bio-technology Building) AIIMS, New Delhi-110029** till bid opening date and time as mentioned in "Critical Date Sheet" failing which the bid shall be summarily rejected.

## SECTION - II

### GENERAL INSTRUCTIONS TO BIDDERS (GIB)

#### A. PREAMBLE

##### 1. Definitions and Abbreviations

1.1 The following definitions and abbreviations, which have been used in these documents shall have the meanings as indicated below:

##### 1.2. Definitions:

- (i) "Purchaser" means the organization i.e. AIIMS/Center/Hospital/Department/Sections purchasing goods and services as incorporated in the Tender Enquiry Document.
- (ii) "Bid" means Quotation / Tender received from a Firm / Tenderer / Bidder.
- (iii) "Bidder" means Tenderer/ the Individual or Firm submitting Bids / Quotation / Tender
- (iii) "Supplier" means the individual or the firm supplying the goods and services as incorporated in the contract/purchase order.
- (iv) "Goods" means all articles, material, commodity, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment, vehicles, medicines, assemblies, sub-assemblies, accessories, intangible products like software, technology transfer, licenses, patents or other intellectual properties purchased or otherwise acquired for the use of Government but excludes books, publications, periodicals, etc. for a library. The term 'goods' also includes works and services which are incidental or consequential to the supply of such goods, such as, transportation, insurance, installation, commissioning, training and maintenance.
- (v) "Services" means services allied and incidental to the supply of goods, such as transportation, installation, commissioning, provision of technical assistance, training, after sales service, maintenance service and other such obligations of the supplier covered under the contract.
- (vi) "Bid Security" (BS) means Earnest Money Deposit / monetary or financial guarantee to be furnished by a bidder along with its tender.
- (vii) "Contract" means the written agreement entered into between the purchaser and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- (viii) "Performance Security" means monetary or financial guarantee to be furnished by the successful bidder for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- (ix) "Consignee" means the Center/Hospital/Department/Sections /person to whom the goods are required to be delivered as specified in the Contract.

- (x) "Specification" also called Technical Specifications means the document/standard that prescribes the requirement with which goods or service has to conform.
- (xi) "Inspection" means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement mentioned in the contract to determine conformity.
- (xii) "Day" means calendar day.

**Abbreviations:**

- (i) "ATE" means Advertised Tender Enquiry
- (ii) "NIT" means Notice Inviting Tenders.
- (ii) "GIB" means General Instructions to Bidders
- (iii) "SIT" means Special Instructions to Bidders
- (iv) "GCC" means General Conditions of Contract
- (v) "SCC" means Special Conditions of Contract
- (vi) "LC" means Letter of Credit
- (vii) "DP" means Delivery Period
- (viii) "BG" means Bank Guarantee
- (ix) "GST" means Goods & Service Tax
- (x) "CD" means Custom Duty
- (xi) "BL" means Bill of Lading
- (xxi) "FOB" means Free on Board
- (xxii) "CIF" means Cost, Insurance and Freight
- (xxv) "CIP (Destinations)" means Carriage and Insurance Paid up to named port of destination. Additionally the Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.
- (xxvi) "INCOTERMS" means International Commercial Terms as on the date of Bid Opening
- (xxviii) "CAMC" means Comprehensive Annual Maintenance Contract (labour, spare and preventive maintenance)

**1. Introduction**

- 2.1 The Purchaser has issued these Tender Documents for purchase of goods and related services as mentioned in Section - VI - "List of Requirements", which also indicates, *interalia*, the required delivery schedule, terms and place of delivery.
- 2.2 This section (Section II - "General Instructions to Bidders") provides the relevant information as well as instructions to assist the prospective bidders in preparation and submission of bids. It also includes the mode and procedure to be adopted by the bidder for receipt and opening as well as scrutiny and evaluation of bids and subsequent placement of contract.

## Section - VII

### TECHNICAL SPECIFICATION AND GENERAL POINTS

#### Purchase of Multi Mode Microplate Reader (Quantity = 01)

##### Technical Specifications for Multimode Microplate Reader

##### Revised Specification-2

##### General (Assay suitability, Plate format):

1. The Multimode Microplate Reader should be capable of Absorbance, Fluorescence (intensity, polarization/ Anisotropic, TRF/FRET), and Luminescence measurements, with option for advanced technologies (e.g., AlphaScreen/AlphaLISA).
2. The plate reader should be suitable for high-sensitivity biochemical, cell-based, and molecular biology assays.
3. The system should be compatible with SBS-standard plates from 6- to 384-well format.
4. Support for specialized low-volume plates is desirable.

##### Optics & Detection Modes

5. The system should have an absorbance wavelength range between 220-1000nm, Spectrometer/monochromator-based scanning in 1 nm increments, a Pathlength correction feature mandatory, a Photometric range: 0-4 OD or better, OD accuracy  $\leq 2\%$  at 2 OD; OD precision  $\leq 0.1\%$ .
6. For fluorescence intensity, top and bottom, wavelength 230-840 nm or wider, the System supports monochromator or filter-based detection (hybrid) or both. Sensitivity:  $\leq 1$  pM fluorescence (96-well) or  $\leq 0.05$  fMol (384-well). *If filter options are available (minimum, 335, 460, 480, 530, 540, 580, 625, 640, 685 nm filters are required for fluorescence)*

7. The system should support TRF. For Time-Resolved Fluorescence (TRF / TR-FRET), Wavelength range: 230-850 nm or wider with Sensitivity:  $\leq 2.5$  amol (96-well) and  $\leq 0.5$  amol (384-well). The system should support adjustable delay and integration times in the microsecond range for TRF assays.
8. For Fluorescence Polarization (FP)/ Fluorescence anisotropy, Wavelength range: 230-850 nm, Sensitivity:  $\leq 3$  mP SD at 1 nM fluorescein.
9. For Luminescence (Top & Bottom reading), Wavelength range: 300-850 nm or wider, Sensitivity:  $\leq 20$  amol ATP (Flash luminescence)

Optional requirements:

10. AlphaScreen/ AlphaLISA Technology.

Performance & Hardware

11. The system should have Temperature regulation: Ambient  $+4^{\circ}\text{C}$  to  $+45^{\circ}\text{C}$ , with uniformity  $\pm 0.5^{\circ}\text{C}$  at  $37^{\circ}\text{C}$ , must include condensation control for lidded plates.
12. Plate shaking: linear, orbital, and double orbital modes.
13. The light source should include Xenon flash lamp or LEDs as excitation source.
14. In the system, Independent optical systems for absorbance, fluorescence, and luminescence are required.
15. In the system, adjustable Z-height (manual or automatic), and Automatic filter exchange system for multiple wavelengths is required.
16. The detection performance of the system should have a dynamic range of  $>6-7$  decades, Stray light:  $\leq 0.03\%$  at 230 nm, Wavelength accuracy of  $\pm 2$  nm and repeatability:  $\pm 0.2$  nm.

17. The system should have the Upgradability for Gas control module (CO<sub>2</sub> / O<sub>2</sub>) for live-cell assays, Dual reagent injectors (5-1000 µl), Plate tucker/automation compatibility, and Advanced technologies (HTRF, BRET, NanoBRET).

Software & Data Handling

18. The Integrated control & data analysis software in the system must support, End-point, kinetic, spectral scanning, and well-area scanning, Cut-off calculations, ratio calculations, multilevel transformations, curve fitting.
19. The system should have remote access/operation via PC or laptop.
20. The Software must be license-free/ not subscription-based with unlimited user access and freely upgradable.

Accessories & Certifications

21. The system should be provided with an Online UPS with long backup (min. 1 hour for the machine and system).
22. Branded desktop for data analysis with a Windows-based software package. (minimum Intel Core i7 processor (13th Gen or higher), 16 GB RAM, 1 TB SSD), Windows 10/11 Professional (32/64-bit), 24-inch LED Monitor, Keyboard & Mouse, with Bluetooth connectivity for data transfer.
23. The instrument must be BIS certificate CE and ISO certified. The Manufacturer must have direct service and application support in India.
24. System should be quoted with two years complete onsite warranty, and AMC/CMC must be offered for a minimum 8 years.. as per AIMS policy.

Dr. D. S. ARS, Ph.D.  
Head of Laboratory, Physics & Ph.D.  
Unit, Institute of Physics, Indian Institute of Technology  
Bombay, Mumbai - 400 075

25. The company must have strong after sales technical ad service support; the same must be backed by supporting documents. The company must ensure that all faults are attended to within 24 hrs, otherwise penalty clause will be applied as per the AIIMS policy.
26. Firm MUST provide a point-wise compliance statement in tabular form, clearly stating compliance/ deviations with justification, supported by technical literature (page/paragraph reference). This statement must be signed and sealed by the Tenderer. Any incorrect or ambiguous information will result in disqualification.
27. 131-annual (6-month) calibration, including preventive maintenance, all inclusive of labor and all consumables, with certification to be provided by the vendor during the vendor during the warranty period.
28. User experience certificates of satisfactory performance from at least five govt users from India must be submitted.
29. The Supplier must follow the Penalty Rules as decided by the competent authority at AIIMS-New Delhi for similar instruments.

This certifies that the specifications are broad-based, general, and do not favor any particular firm.; Space ad power supply, as required for installation, are required for installation, as required for installation, are available in the department.

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## B. GENERAL POINTS

### 1. **Warranty:**

- a) The bidders must quote for **Two years** Comprehensive Warranty as per Conditions of Contract of the Tender document for complete equipment (Including all spares, labour and third party items) and Turnkey Work (if required) from the date of satisfactory installation, commissioning, trial run, handing over and acceptance of the goods by the User Department.
- b) The warranty charges shall not be quoted separately.
- c) During the Warranty period and CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. In addition a penalty equal to amount of 0.25 % of the total cost of equipment per day will be liveable for the excess downtime period subject to Maximum of 10% of Cost of the Equipment. Complaints should be attended properly, maximum within 8 hrs
- d) All software updates should be provided free of cost during Comprehensive Warranty period.

### 2. **After Sales Service:**

After sales service centre should be available at the city of Institution on 24 (hrs) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 8 hrs. The service should be provided directly by Bidder/Indian Agent. Undertaking by the Principals in the "Manufacturer Authorisation Form" that the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.

### 3. **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.

### 4. **Comprehensive Annual Maintenance Contract (CAMC) of subject equipment:**

- a) The cost of Comprehensive Annual Maintenance Contract (CAMC) which shall include preventive maintenance including testing & calibration as per technical/ service /operational manual of the manufacturer, labour and all spares, after satisfactory completion of Warranty period (**Two years**) may be quoted for next **Eight years** on yearly basis for complete equipment including third party items as per Price Schedule.
- b) The cost of CAMC may be quoted along with GST applicable on the date of Bid Opening.