



**BRIC- NATIONAL INSTITUTE OF IMMUNOLOGY**  
**Aruna Asaf Ali Marg. New Delhi- 110 067**

NII/LTD/MMR/OCT/2025-26

Dated 6.10.2025

**SUBJECT: NOTICE INVITING QUOTATIONS IN TWO BID SYSTEM**

Director, NII invites sealed quotations for supply of the articles mentioned below/as per list enclosed. Quotation in a sealed cover indicating (i) Name of the materials (ii) Reference of this letter and (iii) date of opening of Quotation. Your quotation should reach this office on or before 28.10.2025 and opened on the same day.

N.B.: While submitting quotations please take note of the instructions overleaf. Quotations are liable to be rejected if any of these conditions are not complied with.

**Please Note: Submit two envelopes (Technical bid & Price bid) containing in one envelope.**

S.No.	Description	Quantity
1.	<b>Multimode Microplate Reader</b>  (Specification enclosed)	<b>01</b>

Prices quoted should be for: - .

- ( a ) Free delivery at NII
- ( b ) F.O.A. DELHI by Passenger train / Road Transport / Air India / Indian Airlines.
- ( c ) FOB Delhi , ware house to ware house.
- ( d ) Insurance ware house to ware house.
- ( e ) Freight.

**Purchaser**  
**On behalf of the Director, NII**  
**Store Purchase Officer**  
**National Institute of Immunology.**  
**Aruna Asaf Ali Marg,**  
**New Delhi-110067 INDIA**

## TERMS AND CONDITIONS

- (1) We are interested in the material either of indigenous manufacturer or of foreign make available from ready stock. Any offer to supply on Forward Delivery Basis under suppliers own quota licence will also be considered.
- (2) Rates should include packing and forwarding charges. The goods should be insured against theft, loss or breakage during transit and insurance charges.
- (3) The rates of sales tax should be clearly indicated wherever chargeable.
- (4) Specific mention should be made of whether the delivery will be ex-stock or will have to be imported and how much time will be required for delivery after placing of the order.
- (5) If a supplier fails to execute the order in time as per the terms and conditions stipulated in the Contract, it will be open to the purchaser to recover liquidated damages for the delay in delivery and installation from the supplier at the rate of 0.5% of the total order value per week subject to a maximum of 10% of the total order value. The L.D charges can be increased in case of gross violation of the terms of the Purchase Order as decided by the Director of the Institute.
- (6) The payments will be made in 30 days by Account Payee Cheque after receipt of the materials in good condition.
- (7) The acceptance of the quotation will rest with the Director, NII who does not bind himself to accept the lowest quotation and reserves to himself the right to reject or partially accept any or all the quotations received without assigning any reason.
- (8) Quotations must be clearly written or typed without any cutting or over writing.
- (9) Dispute, if any, will be Subject to Jurisdiction of Delhi.
- (10) Performance Security:  
  
The supplier shall require submitting the performance security in the form of irrevocable bank guarantee equivalent to 5%. The amount of the cost of equipment issued by any Indian/Nationalized Bank within 21 days from the date of receipt of the purchase order and should be kept valid for a period of 90 days beyond the date of completion of warranty period.
- (11) Material shall have comprehensive warranty for 1 Year from the date of satisfactory installation/commissioning of Equipment at purchaser's site NII.
- (12)

<b>EMD Amount</b>	R. 50000/- (Rupees Fifty thousand only) <b>1.</b> To be paid through DD/PO/B. G: - In favour of Director, National Institute of Immunology, payable at New Delhi-110067 <b>2.</b> Also, RTGS/NEFT/B.G. NII, New Delhi Bank details are asunder: Beneficiary Name: National Institute of Immunology, New Delhi Bank Name: CANARA BANK Branch Address: Jit Singh Marg, New Delhi-110067 Bank Account No.: 1484101001636 IFSC Code: CNRB0001484 (UTR Number is mandatory (in case of RTGS/NEFT) is provided in the technical quotation/bid)
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- (13) Refund of EMD: The EMD will be returned to unsuccessful tenderers without interest only after the Tenders are finalized. In case of successful Tenderer, it will be retained till the successful and complete installation of the equipment.
- (14) Manufacturer's Authorization for the said item is required.
- (15) Bank details regarding the electronic fund transfer/RTGS/B.G
- (16) Financial/Price Bid shall comprise the 'Technical Bid' with price indicated in the Price bid
- (i) The Bidder shall indicate the unit prices and total bid prices of the goods on CIF/CIP basis it proposes to supply under the order and enclose it with the price bid.
- (ii) Prices indicated shall be entered separately in the following manner (for Indigenous Items):
- The price of the goods quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, freight and GST. The Institute is registered under DSIR vide registration number TU/V/RG-CDE (3)/2021 issued on 20.09.2021 valid up to 31.08.2026 and under GST vide registration number 07AAATN6040K1ZJ as applicable), including all taxes already paid or payable.
  - Taxes: We are partially exempted from payment of Customs Duty under notification No.51/96 dated 23.07.1996. Hence Customs Duty, if any, should be shown separately. Please mention the applicable taxes (GST) clearly. However, being R&D Organization 'Concessional customs duty exemption certificate' can be issued. No other charges except those mentioned clearly in the quotation will be paid.
  - Rates should be quoted FOR at NII, New Delhi inclusive of packing, forwarding, clearance, installation, and commissioning charges etc. In case of supply is from foreign supplier. If ex-works prices are quoted then packing, forwarding, documentation, freight and insurance charges must be clearly mentioned separately. Vague terms like "packing, forwarding, transportation etc. extra" without mentioning the specific amount/percentage of these charges will NOT be accepted. Such offers shall be treated as incomplete and rejected. Where there is no mention of packing, forwarding, freight, insurance charges, customs clearance charges such offers shall be summarily rejected as incomplete.
- (iii) Prices indicated shall be entered separately in the following manner (for Imported Items). Bidder shall quote unit price and total bid price on CIF/CIP basis in the price bid.
- (iv) Prices quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and shall be rejected.
- (v) Bid Currencies:
- Prices shall be quoted in Indian Rupees or in freely convertible foreign currency preferably in USD (\$), Euro (€), Yen (¥), GBP (£) wherever possible for correct evaluation during comparison.
- (vi) For the purpose of comparison of financial bid, rate of conversion of currency shall be the rates of date on opening of price bid.
- (17) Risk Purchase Clause: In the event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause.
- (18) Delivery of the goods, including satisfactory installation and commissioning, shall be made within a maximum of 08 weeks from the date of placement of the purchase order
- (19) For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance shall be valid for a period of not less than 3 months after installation and commissioning. If orders placed on CIP basis, the insurance should be up to NII, New Delhi
- (20) Payment:

- I. For Indigenous supplies, 90% payments shall be made by the Purchaser after successful and inspection, commissioning and acceptance of the equipment at NII in good condition and the 10% balance will be paid after the entire satisfaction of the Purchaser and on production of unconditional performance bank guarantee as specified in Clause 6 of (GTCC) tender terms and conditions.
- II. For imported items Payment will be made through irrevocable Letter of Credit (LC)/Via transfer. Letter of Credit (LC) will be established in favour of foreign Supplier after the submission of 10% performance Security. The letter of credit (LC) will be established on the exchange rates as applicable on the date of establishment. For Imports, LC will be opened for 100% CIP value. 90% of the LC amount shall be released on presentation of complete and clear shipping documents and 10% of the LC amount shall be released after the satisfactory installation and demonstration of the equipment at the NII site of installation in faultless working condition for period of 30 days from the date of the satisfactory installation and subject to the production of unconditional performance bank guarantee as specified in Clause 6 (GTCC) of the terms and conditions.
- III. Indian Agency commission (IAC), if any shall be paid after satisfactory installation & commissioning of the goods at the destination at the exchange rate on the date. All the bank charges within India will be borne by the Institute and outside India will be borne by the Supplier.

(21) Force Majeure

The Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure (with documentary evidence).

- (22) "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser (NII) either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- (23) Applicable Law: The Contract/Supply order shall be governed by the laws of India. The Contract/Supply Order shall be deemed to have been made at the place from where the purchase order is issued and only the Courts of that place shall have jurisdiction to decide on any dispute arising out of the Contract/Supply Order.
- (24) Jurisdiction: All suits arising out of the performance of the Contract/Supply order shall be instituted in a Court of jurisdiction located within the limits of Municipal Corporation of Delhi and in no other Court
- (25) A list of installation and the user (last two years) of the said instrument must be provided in the technical bid.

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### Technical Specifications for Multimode Microplate Reader

- The instrument should be a spectral scanning multimode microplate reader capable of doing photometry (Monochromator based), Fluorometric Intensity (Top & Bottom, Monochromator based), Luminescence and should be upgradable for hTRF AlphaScreen and AlphaLISA.
- All specifications of the system should be tested and guaranteed. The specification should not be typical or relative values.
- Auto Gain facility should be available, not the default settings in software. Instrument should automatically calibrate results with different gain settings to obtain single consistent measurement range.
- Self-diagnostic option and auto-calibration during the starting of the instrument as well as during longer kinetic assays.
- Instrument has automatic dynamic range selection to adjust the photomultiplier tube sensitivity based on the signal strength of the sample well. Adjustment is done individually for every well and every measurement. This ensures measurement of both low and high signals within the same assay without problems with signal saturation or loss of the sensitivity.
- Dynamic range for the fluorescence and luminescence should be mentioned and approximately it should be more than 6 to 7 decades.
- Onboard Incubator and shaker should be available. Incubation temperature should be upto 45°C and Orbital shaker with adjustable speed and diameter.
- System should be supplied with Analysis software with unlimited user license.
- Single software program should allow any number of measurement steps (different detection modes) within the program.
- Orbital Shaking with adjustable timing, speed and diameter. Automatic safety control based on the shaking speed and plate format to avoid spilling of the liquid from wells.
- No loss of already measured data even in case of power failure.
- Should be compatible for 32 low volume sample analysis using accessory plate, volumes down to 2 µL.
- Automatic Smart Safety Checks like Plate check, Prime check, Position sensors, Shaker check and dispensing volume check.
- Instrument has automatic plate check mode and priming vessel check mode to prevent accidental dispensing of reagent inside the instrument.
- System Should come with Single dispenser for reagent dispensing.
- Ability to include multiple plates inside a measurement session, and combine data from all plates to the same data set
- The instrument controls shaking speed and diameter combinations to help prevent accidental spilling of the liquid out from the wells.

#### Optical System:

- Instrument should have Quadruple Monochromator based, double excitation and double emission monochromators for fluorescence applications.
- Instrument should have double monochromators for photometric (UV and Vis) measurement.
- The instrument should have a single lamp source and separate detectors for Photometry, Fluorometry and optional module for Time resolved fluorescence and Luminescence.

#### Absorbance / Photometry

- Measurement range in Photometry: 200-1000nm
- Read out range 0 - 6 Abs.
- Light source: Xenon flash lamp
- Linear measurement range: 0 – 4 Abs (96-well plate) at 450 nm,  $\pm 2\%$ , 0 – 3 Abs (384-well plate) at 450 nm,  $\pm 2\%$
- Accuracy: 0.003 Abs or  $\pm 2\%$ , at 200 – 399 nm (0 – 2 Abs), 0.003 Abs or  $\pm 1\%$ , at 400 – 1000 nm (0 – 3 Abs)
- Precision SD < 0.001 Abs or CV < 0.5%, at 450 nm (0 – 3 Abs)



**Fluorescence/Fluorometry:**

- Fluorometry wavelength selection: Excitation range: 200-1000nm, Emission: 270-840nm.
- Excitation bandwidth: 5 nm and Emission bandwidth: 12 nm.
- Wavelength selection Double excitation and emission monochromators
- Wavelength accuracy should have Excitation  $\pm 2$  nm, emission  $\pm 3$  nm
- Fluorescence intensity sensitivity of  $<0.4$  fmol fluorescein per well with 384 well black plates.
- Monochromators based top & bottom reading with top reading speed  $>6$  decades & bottom reading of  $>5.5$  decades.
- Plate Type: 6 well to 1536 well format

**Luminometry :**

- Wavelength range should be from 360 - 670 nm.
- Plate reading format 6 well to 1536 well plate (spectral scanning 6 - 384 well plates).
- Luminometric sensitivity of  $<7$  amol ATP/well with 384 well white plate using flash ATP reaction. Should have spectral scanning option.
- Luminometry should have three measurements mode – Normal, Filter and Monochromator mode with excellent sensitivity.
- Wavelength selection: Filter wheel with no filter and up to 8 optional filter positions
- Filter size Diameter: 25.0 (+0,-0.3) mm and Thickness: 3.5 – 7.0 mm
- Dynamic range should be 7 decades, Crosstalk:  $< 1\%$ , white 384-well plate
- Measurement time: 10 – 10 000 ms

**Data Analysis Software :**

- Database based software to run backups of all data, restore back up data (in case of hardware failure of original computer).
- Software has unlimited user license for multiple users for flexibility.
- Software should have option for area selection. i. e different protocols at different area of the same plate.
- Software should have ability for Blank Subtraction, calculate Average, SD, CV%, normalization of data, pathlength correction, dose response and offer different kinetic measurements.
- Spectral scanning of all 96 samples or 384 samples should be able to view in single graph plot.
- Single software program should allow any number of measurement steps / different detection method within the same program.
- System should be fast with measurement Speed: Reads a 96-well plate in 15 sec., a 384-well plate in 45 sec., and a 1536-well plate in 135 sec. (minimum times).
- System should be supplied with compatible computer for data analysis.
- System should be supplied along with one year warranty.