

Bid Corrigendum

GEM/2024/B/5331002-C7

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

Buyer Added Bid Specific Additional Terms and Conditions

1. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
2. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
3. Make in india specific authorisation certificate needs to be enclosed.
4. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
5. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
6. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
7. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
8. ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.
9. Bidders can also submit the EMD with Account Payee Demand Draft in favour of ICMR-National Institute for Research in Tuberculosis payable at Chennai
. Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
10. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of ICMR-National Institute for Research in Tuberculosis payable at Chennai
. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.
11. **Manufacturer Authorization:**Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid
12. Buyer Added text based ATC clauses

1. Microplate Multimode Reader- 1 No

Revised Technical Specifications:

1. A multimode reader that is high-performing and user-friendly for applications including Luminescence, Fluorescence, UV-visible absorbance, BRET, and FRET.
2. The reader should be capable of measuring absorbance and fluorescence intensity from both the top and bottom, as well as reading TRF, FRET, TR-FRET, luminescence (glow), and fluorescence polarization. It must also be capable of performing luminescence flash measurements with dual dispensers for kinetic studies using injection mode, and should support all chemistries (ELISA, low volume DNA & RNA quantification, protein quantification, reporter gene assays, BRET, DLR) including HTRF, with a gas control module.
3. The reader must feature dual double monochromator technology, with two monochromators for excitation and two for emission, enabling the selection of any wavelength from the UV to NIR range. This technology should be combined with filter-based methods to enable high-sensitivity TR-FRET assays.
4. The combination of monochromator-based absorption and monochromator-filter configurations should allow the user to measure fluorescence in various modes, such as mono-excitation/mono-emission and filter-excitation/filter-emission.
5. Temperature control should range from ambient + 5°C to 42°C.
6. The system must include dedicated optical and detection modules for each chemistry mode: absorbance, fluorescence, and luminescence.

7. **Absorbance Mode:** The wavelength range should be from 230 nm to 1000 nm in 1 nm increments, with wavelength accuracy of ± 2 nm and linearity up to 4 OD.
8. **Fluorescence Mode:** The wavelength range for both monochromator and filter-based modes should cover 250-900 nm for excitation and 250-900 nm for emission.
9. The system must support simultaneous scanning of excitation and emission to detect red/blue shifts in fluorescence intensity.
10. The fluorescence mode should accommodate all combinations of monochromator and filter-based readings, allowing measurements in various configurations such as mono-excitation/mono-emission and filter-excitation/filter-emission.
11. Fluorescence mode must be capable of supporting applications such as TRF, FRET, TR-FRET, and fluorescence polarization (FP).

Luminescence Mode:

1. The luminescence wavelength range should span from 370 nm to 700 nm.
2. The luminescence mode must include a scan with a wide dynamic range.
3. Luminescence detection should support BRET assays.
4. The system must include dual dispensers configured with syringes ranging from 10 μ L to 1 mL to enable rapid kinetic studies using injection mode. It sh

- ould have reverse purge facility to save reagents.
5. The dispenser should operate in both dispense and inject modes, with features that allow backfilling and minimize dead volume across different sources and tubes.
 6. Temperature control from ambient +5°C to 42°C must be available for low-temperature enzyme kinetic assays.
 7. The luminescence flash mode should include dual injectors, and CO₂/O₂ control should be provided for cell-based kinetic applications.
 8. The system should be capable of reading a 96 well plate in less than 1 minute and a 384 well plate in less than 3 minutes.
 9. Cost of software package including Reader Control and Data Analysis Software should be included in the offer.
 10. Supplying equipment should do endpoint/kinetic, spectral scanning & well area scanning
 11. Spectral Range: 200nm-600nm
 12. Dynamic Range: 0-4.0 O.D.
 13. Detection Limit: 0.1 O.D.
 14. Shaking - Linear , orbital & double orbital with variable speed and time
 15. An intuitive touch screen user interface for viewing data in a heat map display, with exportation of data to an Excel spreadsheet for analysis, should be included.

16. The instrument should be CE approved. The instrument should be supplied with control computer should adhere to the specified specifications, including a 2.3 GHz CPU,
- a. minimum 1 TB free hard drive capacity,
 - b. at least 16 GB RAM,
 - c. 1920 x 1080 screen resolution or higher,
 - d. a minimum of 4 USB ports, a pointer device,
 - e. Microsoft Windows 10 Professional x64 SPI or higher
 - f. Ethernet 1 Gig, 802.11ac 2.4/5 GHz wireless adaptor, Display Port HDMI Display Monitor Minimum 24" LED Display with HDMI Port,
 - g. A 3-years warranty, Intel® Core™ i7-12th Gen or higher, and a Wi-Fi network adapter.
 - h. Licensed version of Microsoft OS and MS Office should be included in the computers supplied.
 - i. Equipment should be supplied with get suitable 5KVA UPS capable of providing 60 minutes backup for instrument as well as computer controlling the instrument.
 - j. To maintain the dust free environment, equipment should be supplied with air purifier.

Specification of Air purifier:

1. It should have a HEPA, Carbon filters and Pre-Filter
2. It should have Allergen, Gas, PM2.5 indicator
3. Fan Speeds: multiple, with automatic functionality

4. Noise Level: does not exceed 69 dBA when operating at maximum fan speed
5. Operating Temperature: between 3 and 45 degrees C
6. Pre-filter: made with non off-gassing material. Efficiency >55% at > 0.3 microns
7. Main filter: UL/IEST certified HEPA filter made with non off-gassing material. Efficiency >99.9% at 0.3 microns
8. It should have Filter life monitoring indicator
9. CADR (Clean Air Delivery Rate): maximum 450 (smoke CADR value)
10. The supplier should supply all the starter reagents and consumables for the operation of the system.
11. They should supply two BCA protein estimation kit (microplate method).
12. Instrument should be supplied with startup kits for onsite training after installation
13. One additional computer should be supplied for a analysis of the data with the following configuration
14. Processor Intel® Core™ i7, 12th Gen or higher
15. Operating System Microsoft Windows 10 Professional x64 SPI or higher
16. Memory 16 GB RAM
17. 1 TB internal HDD
18. Network adaptor 802.11ac 2.4/5 GHz wireless adaptor
19. Display Port HDMI
20. Ethernet Port 1 Gig
21. USB Port Minimum 4 Port USB
22. Display Monitor Minimum 24" LED Display with H

DMI Port

23. Warranty 3 years
24. Calibration of the instrument should be carried out in the factory with traceability.
25. Remote diagnostic capacity of the instrument preferred.
26. Besides onsite training, company can facilitate of fsite training at the company site or center of excellence where the equipment routinely used.

Others:

1. Voltage and plugs adopted to meet Indian conditions
2. The manufacturer must have the management system certified by ISO 9001
3. Certificate should be provided that the instrument was calibrated at the factory
4. All standard accessories and consumables and part require to operate to be included in the offer.
5. Warranty & Service: The equipment should be supplied with minimum 3 years warranty. Immediate response upon system failure should be guaranteed. Response to service calls should happen within 48 hours.
 - a) The unit must be quoted by Original Equipment Manufacturer's with Sales and service support facilities in India through their branch office / Indian Agent (or) Indian agent with extensive sales (Minimum 5 years) and service support in India representing foreign principals / Original Equipment manufacturers. The Indian agency / dealership c

- ertificate with details of sales and service support should be enclosed with the technical bid.
- b) The firm should provide necessary original documentary evidence of the features of the offered model in the technical bid to facilitate proper technical evaluation.
 - c) Purchase orders, contact details and user satisfactory reports of the quoted model from Nationalized or reputed laboratories all over the India must be shared with quotation.
 - d) Complete installation and testing the main system and the accessories to their specifications done at the site of installation free of cost. All utility requirements for installation and running the system should be mentioned in the offer.
 - e) Please indicate the year in which the model offered was introduced into the market and confirm whether the spares for the system would be available for a minimum period of 10 years and shall not be obsolete within five years of procurement.
 - f) Special discount on list price for all spare parts (at least 10%) must be given up to 10 years.
 - g) Availability of local service support and response time for a service call during and after warranty specified.
 - h) Technical specification are intended to be descriptive only and not restrictive. The bidder may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the purchaser's satisfaction that

the substitutions ensure substantial equivalence or superior to those designated in the “Technical Specifications.

13. Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

*This document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

[This Bid is also governed by the General Terms and Conditions](#)