



बिड संख्या/Bid Number: GEM/2026/B/7191905

दिनांक /Dated: 04-02-2026

## बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	14-02-2026 16:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	14-02-2026 16:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	30 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Tamil Nadu
विभाग का नाम/Department Name	Health And Family Welfare Department Tamil Nadu
संगठन का नाम/Organisation Name	Directorate Of Medical Education
कार्यालय का नाम/Office Name	Rajiv Gandhi Government General Hospital
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	SPECTROPHOTOMETER (Q2)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	3 Days

**बिड विवरण/Bid Details**

निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/ <b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
मूल्यांकन पद्धति/ <b>Evaluation Method</b>	Total value wise evaluation
मध्यस्थता खंड/ <b>Arbitration Clause</b>	No
सुलह खंड/ <b>Mediation Clause</b>	No

**ईएमडी विवरण/EMD Detail**

आवश्यकता/Required	No
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**ईपीबीजी विवरण /ePBG Detail**

आवश्यकता/Required	No
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बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

**एमआईआई खरीद वरीयता/MII Purchase Preference**

एमआईआई खरीद वरीयता/MII Purchase Preference	No
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**एमएसई खरीद वरीयता/MSE Purchase Preference**

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25 % percentage of total quantity. The buyers are advised to

refer the OM No.F.1/4/2021-PPD dated 18.05.2023. [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

## SPECTROPHOTOMETER ( 1 pieces )

### तकनीकी विशिष्टियाँ /Technical Specifications

\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
LIGHT SOURCE	<b>Light Source</b>	Halogen Lamp, Deuterium Lamp, LED, Tungsten Halogen Lamp, Xenon Flash
	<b>Diffraction Grating (lines/mm)</b>	600, 800, 1000, 1200, 1400, 1600, 1800
	<b>Switching of Light Source</b>	Automatic, Manual, NA
	<b>Wavelength Setting And Scanning</b>	Automatic, Manual
TYPE	<b>Type of Spectrophotometer</b>	UV - VISIBLE, VISIBLE, UV - VISIBLE - IR, NIR, UV-VIS, UV-Visible spectrophotometer, double beam/split beam, microprocessor controlled with dual source assembly
	<b>Type of Optical System</b>	Single Beam, Split Beam, Double Beam
	<b>Monochromator Type</b>	Reflexive Grating, Holographic Grating, Czerny-turner, NA, Scanning grating
	<b>Detector Type</b>	Photo Multiplier Tube (PMT), Photodiode, CMOS, Diode array, Silicon, Silicon & Lead Sulfide, Indium Gallium Arsenide (InGaAs)
	<b>Spectral Bandwidth Type</b>	Fixed Bandwidth, Variable Bandwidth
OPTICAL PERFORMANCE	<b>Source Wavelength - Minimum</b>	175, 180, 185, 190, 195, 200, 320, 340, 400, 570, 850, 950, 460 ( <b>nanometer</b> )
	<b>Source Wavelength - Maximum</b>	320, 340, 760, 780, 900, 960, 1000, 1100, 1500, 2000, 2500, 2700, 3000, 3200, 3300, 1650, 644 Or higher ( <b>nanometer</b> )
	<b>Resolution</b>	0.002, 0.3, 0.5, 1, 1.25, 1.5, 1.7, 2, 0.2, 0.01 ( <b>nanometer</b> )
	<b>Wavelength Accuracy (+/-)</b>	0.1, 0.3, 0.5, 0.8, 1, 1.5, 2, 2.5, 0.05 ( <b>nanometer</b> )
	<b>Bandwidth (nm)</b>	0.1, 0.2, 0.5, 1, 1.5, 1.8, 2.0, 4.0, 5.0, 0.1 to 5.0, 7, 8.5
	<b>Focal length (mm)</b>	0 to 49, 50 to 99, 100 to 149, 150 to 199, 200 to 249, 250 to 299, 300 and above
	<b>Photometric measurement modes</b>	Transmittance, Absorbance, Concentration (Wavelength, time), Reflectance, Energy, Polarisation
	<b>Photometric Absorbance (Max) (Abs) (+/-)</b>	0.2 - 8
	<b>Photometric Absorbance Accuracy (Max) (+/-)</b>	0.001 - 0.5

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Photometric Transmittance (Max) (+/-)</b>	0 - 100 ( <b>percent</b> )
	<b>Photometric Transmittance Accuracy (Max) (+/-)</b>	0 - 0.5 ( <b>percent</b> )
	<b>Photometric Reflectance (Max) (+/-)</b>	0 - 100 ( <b>percent</b> )
GENERIC	<b>Display</b>	In-built display, Through PC
	<b>Display type</b>	LCD with Backlight, LED, LCD touchscreen, TFT, NA
	<b>Display Size</b>	0 - 30 ( <b>inch</b> )
	<b>Test result printing</b>	Through inbuilt Printer, Through external printer
	<b>If inbuilt printer, Type of printer</b>	Thermal printer, Dot matrix, Laser b/w, Inkjet b/w, Color laser, Color inkjet, N/A
	<b>Internal storage(GB)</b>	0 - 80
	<b>Mximum Path Length of sample</b>	0 - 120 ( <b>millimeter</b> )
	<b>Number of Cuvettes supplied-inclusive in the scope of supply</b>	10, 25, 50, 100, 200, 300, 400, 500, 2, 4, 6, 8, 0
	<b>Spares and Consumables inclusive in the scope of supply</b>	Yes, No
OPERATING CONDITIONS	<b>Minimum Operating Temperature</b>	-5, -10, 0, 5, 10 ( <b>degree Celsius</b> )
	<b>Maximum Operating Temperature</b>	35, 40, 45, 50, 55, 60 ( <b>degree Celsius</b> )
	<b>Operating Humidity (RH) (%) at 40 degree C</b>	80, 85, 90, 95 ( <b>percent</b> )
WARRANTY	<b>Onsite Warranty</b>	1, 2, 3, 4, 5 ( <b>year</b> )
	<b>Availability of Spares (at extra cost)</b>	2, 3, 4, 5, 6, 7, 8, 10 ( <b>year</b> )
Certification	<b>Availability of UL/CE Certification as per EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use General requirements</b>	Yes, No
	<b>Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use</b>	Yes, No

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification</b>	Yes, No

#### Additional Specification Parameters - SPECTROPHOTOMETER ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
0.5-2.0(Micro Volume), 190-850 nm (full UV visible spectrum), Nuclis Acids: 2-15,000 ng/Micro litre (dsDNA), Protein (A280), 0.03-400/mg	Xenon Flash Lamp/Solid Sattte source

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	M Ganesh Kumaran	600003,The Dean, Rajiv Gandhi Government General Hospital, GH Post Office, Poonamallee High Road, 3, Near Park Town, Park Town, Chennai, Tamil Nadu 600003	1	15

#### क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

##### 1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

#### अस्वीकरण/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.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove;**

and

- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

**---धन्यवाद/Thank You---**