



Basic Details

Organisation Chain	State Project Directorate (RUSA) Mumbai  Sardar Patel Mahavidyalaya Chanadrapur		
Tender Reference Number	E-Tender/PMUSHA/07/2025-26		
Tender ID	2025_RUSA_1210039_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Item Wise
Tender Category	Services	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Online	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Online Bankers	S.No	Bank Name
	1	SBI Bank

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	All documents mention in tender notice
2	Finance	.xls	BOQ

Tender Fee Details, [Total Fee in ₹ \* - 5,500]

Tender Fee in ₹	5,000		
Processing Fee in ₹	500		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	18,900	EMD Exemption Allowed	No
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil

Work / Item(s)

Title	Supply of Fluorescence Spectrophotometer				
Work Description	Supply of Fluorescence Spectrophotometer				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Tender Value in ₹	NA	Product Category	Miscellaneous Services	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	365	Period Of Work(Days)	90
Location	Sardar Patel Mahavidyalaya Chandrapur	Pincode	442401	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Sardar Patel Mahavidyalaya Chandrapur
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	12-Aug-2025 03:30 PM	Bid Opening Date	25-Aug-2025 11:00 AM
Document Download / Sale Start Date	12-Aug-2025 03:30 PM	Document Download / Sale End Date	22-Aug-2025 03:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	12-Aug-2025 03:30 PM	Bid Submission End Date	22-Aug-2025 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	NIT	738.26

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	Tender_Notice.pdf	Tender Notice	552.46
	2	BOQ	BOQ_2092075.xls	BOQ	299.50

**Tender Inviting Authority**

Name	Principal Sardar Patel Mahavidyalaya Chandrapur
Address	Sardar Patel Mahavidyalaya Chandrapur



**SARVODAYA SHIKSHAN MANDALI'S**  
**SARDAR PATEL MAHAVIDYALAYA**  
Ganj Ward, Chandrapur, Maharashtra, Pin - 402402

**Tender Notice**

Ref. no.: E-Tender/PMUSHA/07/2025-26

Date: 12-08-2025

Supply of Fluorescence Spectrophotometer for  
Sardar Patel Mahavidyalaya, Chandrapur  
e-Tendering portal <https://mahatenders.gov.in>

Sr. No.	Name of The Equipment	EMD (RS)	Blank Tender Document Cost	Duration for Supply of Equipment
1	Fluorescence Spectrophotometer	18,900/-	5,000/-	Eight week from the release of work order

Tender Activities Schedule	Scheduled Date Time Venue
Start date of bid submission	12-08-2025
Last date of bid submission	22-08-2025 up to 03:00 PM
Technical Bid Opening	25-08-2025 at 11:00 AM
Financial Bid Opening	Bidders will be informed through e-Tendering portal by message and E-mail after technical evaluation of bids.
Validity of bids	90 days

**Note:**

1. e-Tender details shall be available up to last date of bid submission on e-Tender portal <https://mahatenders.gov.in> Tenders by Organization -- State Project Directorate (RUSA) Mumbai | Sardar Patel Mahavidyalaya, Chandrapur
2. Bidders need to be enroll on <https://mahatenders.gov.in> to get login credentials and then map their Class III Digital Signature (Signing Certificate) from USB Token.
3. 24x7 Technical Support Helpdesk - Call: 0120-4001002 / 0120-4001005 / 0120-6277787.
4. Tender Inviting Authority shall not be bound to accept the Lowest rate L1 bid.
5. Tender Inviting Authority reserves the right to cancel the Tender in whole or in part without assigning any reason at any stage during the tender process.

Principal,  
SARDAR PATEL MAHAVIDYALAYA,  
CHANDRAPUR

**Signature Not Verified**

Digitally signed by PRAMOD MURLIDHAR  
KATKAR  
Date: 2025.08.12 15:15:16 IST  
Location: Maharashtra-MH



## Fluorescence Spectrophotometer

### PC controllable Fluorescence Spectrophotometer

#### Technical Specifications

- Main Features and functions: Ultra High sensitivity, **phosphorescence life time measurement at room temperature without any special accessories**, automatic pre-scan for unknown samples (200-750nm, expandable upto 900 nm with optional PMT) with functions like wavelength scan, 3-D measurements, 3D scan spectrum, time scan measurement, photometry mode etc.
- Sensitivity (Raman light of water) : Noise: Background - **S/N 20,000 or above** & Noise: Peak – **S/N: 1000 or above** at EX-350 nm, slit 10 nm, response 4 sec.
- Main features: Automatic Shutter control function for minimizing sample deterioration, fluorescence intensity standardization, 3D measurement, contour plotting (fluorescence / phosphorescence), Spectrum Correction, Zero point correction for measurement of weak UV excitation Spectra and emission spectra, Auto Scale function, Area calculation, time scan measurement.
- Minimum sample volume (Liquid) : 0.6 mL with standard 10 mm rectangular cell
- Light source : 150 W Long Life Xenon lamp with self-deozonating lamp
- Monochromator : **Stigmatic concave diffraction grating: 900 Lines/mm to avoid second order wavelength without using any inbuilt filters**, Brazed wavelength: excitation side 300 nm, emission side 400 nm
- Detector : **High sensitivity Photo multiplier tube (EX & EM)**
- Photometric Range : -9999 to 9999
- Measuring wavelength range (on both EX and EM sides) : **200 to 900 nm (with extended PMT) , Zero-Order light**
- Bandwidth :  
Excitation side: 1,2.5,5,10,20 nm  
Emission side: 1,2.5,5,10,20 nm
- Resolution : 1.0 nm
- Wavelength accuracy : **±1 nm**
- Scan speed : **Variable Scan Speed 30, 60, 240, 1200, 2400 12000, 30000 & 60000 nm/min**
- Drive speed : **60000 nm/min**
- Response : Response from 0 to 98% , 0.002, 0.004, 0.01, 0.05, 0.1, 2, 4 s
- Sensitivity: The SN ratio of the Raman line of distilled water is 300 and more (P–P) 1,000 and more (RMS)
- Wavelength scanning of max: 30,000nm/min or better



- Wavelength slewing speed of 25,000nm/min or better
- System should be able to operate in 15 to 35 deg C temperature range
- Operational humidity range of 30 to 80% (Below 70% with temperature higher than 30 deg C) with no condensation or better is required.
- PC software should be provided for the operation of SPECTROFLUOROPHOTOMETER. Software should be able to perform Conventional analysis such as:
  - Spectrum: Excitation & emission spectrum, fluorescence spectrum, synchronous spectrum.
  - Software : **Easy to use software with functionalities like Spectrum measurement, time scan measurement, quantitative measurement, phosphorescence life time measurement, quantum yield measurement, anisotropy studies, 3-Dimensional measurement etc**
- Computer System : Latest suitable Branded PC with Windows 10 OS should be supplied
- Power Requirements : 220V AC, 50/60 Hz
- **Solid sample holder**
- Warranty : 1 year

**Buyer Added text based ATC clauses**

copy to the Buyer before the opening Bid date.

1. Copy of acknowledgement of latest Three Years Income Tax returns filled.
2. Copy of Balance sheet for last Two years (C.A. certified).
3. Copy of P.A.N. allotted by Commissioner of the Income Tax department.
4. Copy of GST registration With Current GST Return.
5. Shop Act Registration certificate.
6. Copy of PT registration Certificate With tax paid Clearance.
7. Bidder has to Submit last year's annual turnover of 50% of estimated cost, Turn Over Certificate (C.A. certified)
8. Bidder should submit Acceptance of ATC Document
9. Bidder should submit Bid Specific MAF Document, Manufacturer Authorization form

Below are the key terms and conditions:

## 1. Registration and Eligibility

- **Mandatory Registration:** All suppliers must have registered GST
- **Eligibility Criteria:** Suppliers must meet eligibility requirements per product category. For instance, they may need prior experience, financial capacity, or certification from authorized agencies for certain instruments.
- **Bid-Specific Authorization:** The Bidder should upload the Bid-Specific Authorization by the specific company with the authority person's stamp and signature.

## 2. Listing and Pricing of Products

- **Product Listing:** Suppliers must ensure the instruments listed on GeM include complete and accurate specifications, images, warranty details, and other required documentation.



- **Price Integrity:** Prices offered on GeM should be competitive and include all applicable taxes, duties, and delivery charges (unless mentioned otherwise). Sellers cannot offer the same products at higher prices than those in other markets.
- **No Price Discrepancy:** The prices listed should remain stable throughout the contract period, and sellers must honour these prices.

### 3. Order Acceptance and Fulfillment

- **Order Confirmation:** Once the institute places an order, the supplier must confirm it within a stipulated time frame, as per GeM portal rules.
- **Timely Fulfillment:** Suppliers must ensure timely delivery as per the terms agreed in the purchase order. Delays or failure to deliver on time could result in penalties.
- **Delivery Charges:** Delivery must be made to the specified location, with the supplier bearing all costs unless otherwise agreed in the contract.
- **Solvency Certificate:** The Bider should upload/submit the Solvency Certificate provided by the Bank Authority.

### 4. Quality and Compliance

- **Quality Standards:** Instruments supplied must meet the technical specifications and quality standards listed at the time of purchase. Substandard goods can be rejected.
- **Inspection and Testing:** The institute has internal and external experts inspecting and testing the instruments/equipment's upon delivery to ensure compliance with specifications. Suppliers must facilitate these inspections, and in case of discrepancies, the supplier must replace or rectify the issue.
- **Compliance with Industry Standards:** Products should comply with relevant industry standards, including legal and safety requirements.

### 5. Warranty and After-Sales Service

- **Mandatory Warranty:** According to industry/PM-USHA/UGC/RUSA standards, all instruments must have a **minimum/maximum** warranty period (mentioned by the supplier). Suppliers are responsible for repairs or replacements during the warranty period.
- **AMC:** The supplier must provide at least One years of annual maintenance contracts (AMCs) without charges.
- **Installation Training:** The training should include guidance on properly installing the equipment.
- **Hands-on training (Comprehensive Understanding / On-Site Training):** The supplier must provide at least one hands-on training session ((e.g., 1 week)) to teachers and students without charge for three years from the date of purchase.
- **Internship training (Customization):** The supplier must provide at least one Internship training session to the selected students (minimum 100 students per session) without charge for three years from the date of purchase.



- **Extended Warranty:** Suppliers must provide details of their extended warranties, which the institute can negotiate may also require.
- **Manufacturer's Facility:** In some cases, especially for advanced instruments, training might occur at the manufacturer's facility to ensure proper tools and resources.
- **Virtual Training:** Depending on the technology and geographical distance, online/virtual training can be an option, particularly for follow-ups or advanced sessions.
- **Experienced Trainers:** The manufacturer must provide qualified and experienced trainers with in-depth knowledge of the instruments and can handle trainee queries.
- **Language and Communication:** Trainers should communicate effectively in the institute's/buyer's preferred language or an interpreter should be provided if necessary.
- **Training Manuals:** The manufacturer must provide the trainees with comprehensive user manuals, guides, and other relevant documentation.
- **Digital Resources:** The trainees should be provided with access to online resources, such as video tutorials, troubleshooting guides, and FAQs, for future reference.

## Post-Training Support

- **Helpdesk Support:** After the training, the manufacturer should offer a helpdesk or technical support for a specified period (e.g., 6 months, 1 year, or 3 years) to assist with operational or technical issues.
- Mention the service centre in the city area (Maharashtra), a list of technicians and their contact numbers.
- **On-Demand Refresher Courses:** If needed, the contract can include options for refresher training after a certain period, either on-site or through virtual sessions.

## 6. Payment Terms

- **Payment through PFMS:** Instrument/equipment payments are made through the Public Financial Management System (PFMS), and suppliers must provide the necessary bank details.
- **Timely Payment:** Payments are typically made after the delivery and satisfactory inspection of goods. **The payment will be processed according to the RUSA Office regulations in Mumbai, as specified in order/letter No. 894/2024-25 dated 13 December 2024, i.e. only after this office has actually received the grants from the Government.**
- **No Advance Payment:** No advance payment is permitted.

## 7. Penalties and Liquidated Damages

- **Delayed Delivery:** Suppliers are liable for penalties if they fail to deliver the instruments within the specified time. Penalties are often calculated based on a percentage of the contract value per day of delay.
- **Liquidated Damages:** In case of non-performance or breach of contract, liquidated damages may be imposed on suppliers, usually deducted from the payments.



- **Blacklisting:** Continuous non-compliance, poor-quality products, or defaulting on orders can lead to blacklisting or suspension from the GeM portal.
- **Non-Blacklisted certificate:** Provide a non-Blacklisted certificate with a stamp of Rs 500/-, which should be Notarised.

## 8. Cancellation and Returns

- **Order Cancellation:** The institute reserves the right to cancel the order if the supplier fails to meet quality, delivery, or any other specified terms. In such cases, no payment will be made for the cancelled order.
- **Return of Goods:** If the supplied instruments do not meet the required specifications or are damaged, they may be returned at the supplier's expense for replacement or refund.

## 9. Performance Security

- **Forfeiture:** This deposit may be forfeited if the supplier fails to meet the contract obligations or deliver within the required timeline.

## 10. Dispute Resolution

- **Arbitration:** Any disputes arising out of the transaction will be resolved as per the **Arbitration and Conciliation Act, 1996**.
- **Dispute Settlement:** Suppliers must first attempt to settle any disputes amicably with the buyer/institute before escalating to arbitration.

**Principal**  
**Sardar Patel Mahavidyalaya,**  
**Chandrapur**