

TENDER DOCUMENT
For Procurement of Equipment under FIST, DST Project
D.A.V. (P.G.)College,
Karanpur, Dehradun-248001 (Uttarakhand)
Tel: 9412013328
Website: <https://davpgcollegeddn.ac.in>

TENDER REFERENCE AND DATES

Tender Ref. No.: DAV/955/26

Date: 15.1.2026

**Name of Work: Tender for Procurement of Equipment under FIST, DST Project,
D.A.V. (P.G.) College, Karanpur, Dehradun-248001 (Uttarakhand)**

TENDER FEES & EARNEST MONEY DEPOSIT (EMD)

Tender Fee

Non-Refundable: Rs. 2,500/- (Rupees Two Thousand Five Hundred Only)
To be paid via Demand Draft in favour of "Principal, DAV PG College,
Dehradun", payable at Dehradun.

Earnest Money Deposit (EMD)

**Earnest Money Deposit (EMD): 2% of the total cost of the bid value quoted by the
bidder (for all items combined). To be paid via Demand Draft (DD) or Fixed Deposit
Receipt (FDR).**

Tender Document Available Online

Website: <https://davpgcollegeddn.ac.in>

IMPORTANT DATES (TWO-BID SYSTEM)

- 1. Last Date for Receiving Tender (By Speed Post): 31.1.2026 up to 05:00 PM**
- 2. Technical Bid Opening Date: 2.2.2026 at 1:15 PM**
- 3. Financial Bid Opening Date: 4.2.2026 at 1.15 pm**
- 4. Technical and Financial Bids will be opened in the Office of the Principal of the
college**

Note: This tender follows a Two-Bid System, where only for technically qualified bids,
the financial bids will be opened.

GENERAL INSTRUCTIONS

- 1. Tenders are invited from reputed firms for supply, installation, testing, and
commissioning of equipment under the DST-FIST Project of the College.**
- 2. Tender documents must be downloaded from the website and submitted as hard
copies in sealed envelopes. The envelope should contain the original DD for the
tender fee (Rs. 2,500/- Non-refundable) and Original EMD at 2% of quoted cost,
both in favor of the "Principal, DAV (PG) College, Dehradun".**
- 3. The College will not be responsible for any delay in receiving documents in hard
copies under sealed envelop by speed post only.**

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4. The College reserves all rights to accept or reject any or all tenders without assigning any reason.
5. **Payment Terms:** 100% payment upon satisfactory acceptance and installation completion with proper testing certificates and after user department's approval.
6. Installation, commissioning, testing, and 2-day on-site operator training included in quoted price. No additional charges for travel/accommodation.

SECTION 1: MODE OF PAYMENT OF TENDER FEE AND EMD

Tender Cost/Fee

Rs. 2,500/- (Rupees Two Thousand Five Hundred Only) non-refundable, via DD from any nationalized/ commercial bank in favour of "Principal, DAV PG College, Dehradun", payable at Dehradun.

Earnest Money Deposit (EMD)

2% of the total cost of bid value quoted by bidder, refundable, as per terms and conditions, via DD/FDR in favour of "Principal, DAV PG College, Dehradun", payable at Dehradun from any nationalized/ commercial bank.

1. EMD will be refunded (without interest) to technically non-qualified or ineligible (not lowest bidder) bidders after opening financial bids upon receiving formal request within 30 days. This duration, however, will be 15 days for refund for L-1 bidder after successful installation and commissioning of equipment certified by concerned HoD of the science department of the college.
2. No exemption from depositing EMD shall be allowed unless under GOI norms.
3. Validity of EMD: Six months from date of submission.
4. EMD shall not carry any interest.
5. EMD may be forfeited for misleading/forged documents or if a successful bidder fails to execute the contract within the stipulated/extended time.

SECTION 2: ELIGIBILITY CRITERIA FOR BIDDERS

1. Minimum 2 Years' Experience

- (i) Minimum 2 years' recent experience in dealing/supplying with major similar Equipment.
- (ii) Submit customer's list and work order/ good performance certificates issued by users of Bidder firm of last 2 years

2. No adverse complaints or blacklist status by any Government, Semi-Government, PSU, or similar organizations. Attach Certificate stating that the company has not been blacklisted by such government organizations.

3. Annual Turnover

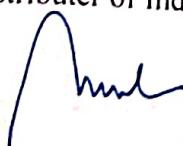
4. CA-certified turnover certificate for FY 2024-25 (Attach)

5. Statutory Requirements

- (i) GST, PAN, TAN, Company/ Firm/ Shop-Establishment Registration required.

6. Authorization

- (i) If not Principal Manufacturing Company or original Equipment Manufacturer (OEM), the Bidder must have a valid authorization issued by the OEM.
- (ii) Alternately, bidder must provide such authorization from authorized dealer/ distributor of India/ abroad (Country of origin).




7. Fulfillment of all criteria must be documented; attach all supporting documents.

SECTION 3: DISQUALIFICATION CLAUSES

1. Non-fulfillment of eligibility criteria.
2. Non-receipt of hard copies of required documents, tender fee, EMD by scheduled date (31.1.2026, 05:00 PM).
3. Conditional or incomplete bids.
4. Alteration or tampering of documents.
5. Missing signed annexures and undertakings.
6. Furnishing false, fabricated, or tampered information.
7. Blacklisting/debarment or ongoing malpractice litigation.
8. Any direct contact, communication, offer, or influence attempt with evaluation committee members after bid submission will result in immediate disqualification.
9. Legitimate clarifications only through official channels in writing.
10. Charging extra over quoted rates except prevailing government taxes.

SECTION 4: RIGHTS OF THE COLLEGE

1. Accept or reject any/all bids at any stage.
2. Amend, interpret, or alter selection process and tender clauses as necessary.
3. Amend scope of work.
4. Debar bidder for incorrect/misleading material misrepresentation.
5. Cancel invitation/tender notice at any stage.

SECTION 5: DOWNLOADING AND SUBMISSION (TWO-BID SYSTEM)

1. Read all tender terms & conditions carefully before submitting the bid.
2. Submit complete bid with all required documents in the prescribed format.
3. Only bidders whose Tender Cost and EMD are received in original in the sealed Technical Bid envelope by the scheduled date (31.1.2026, 05:00 PM) will be evaluated.
4. **Mandatory Tender Documents Include: Annexures I & II (Technical Bid), and Annexure-III (Financial Bid) and complete Tender Document with covering Letter of bidder and supporting documents. All must be signed, dated, and sealed on every page.**
5. **Two-Bid System Submission:**
Prepare two sealed envelopes MENTIONING TENDER TITLE, NUMBER AND DATE, & ADDRESSING TO "*The Principal, DAV (PG) College, Dehradun*":
6. **Envelope 1: "TECHNICAL BID for FIST-DST Project, DAVPGC, Dehradun"** containing all technical documents of the Technical Bid as Annexures-I and Technical Compliance of the Equipment (Schedules-I-V & VIII-IX) as Annexure-II, complete Tender Document with covering Letter of bidder having quotation number with all supporting letters, documents and certificates duly signed, dated, and sealed on every page, along with original DD'S of Tender Fee and EMD. Superscribe this sealed envelop with "Technical Tender for FIST-DST Project - DAV/955/26 dated 15.1.2026"
- Envelope 2: "FINANCIAL BID as Annexure-III for FIST-DST Project, DAVPGC, Dehradun"** on the letter pad of the bidding firm and must be duly signed, dated, and stamped along with quoting the covering letter no. of



bidder as quotation number. Superscribe this sealed envelop with "Financial Tender for FIST-DST Project - DAV/955/26 dated 15.1.2026".

7. Place above mentioned both sealed Envelopes 1 & 2 inside a larger sealed envelope superscribed with "Tender for FIST-DST Project - DAV/MISC/25 dated 15.1.2026" and send it by speed post so that it reaches before the dead line i.e. on or before 31.1.2026.
8. Larger main sealed envelop received by Speed Post on or before 31.1.2026 will be opened on 2.2.2026 at 1:15 PM in the office of the Principal, DAV (PG) College, Dehradun and out of the 2 envelopes in it, only technical bid sealed envelope will be opened subsequently for technical evaluation and preparing compliance and comparison of all bids received for each equipment sent by bidder firms.
9. Revised bids may be submitted before the last date in a new envelope marked "Revised Bid." Previous bid envelope will be marked 'WITHDRAWN' and returned unsealed. Only the latest bid will be considered.
10. The technical and purchase committee i.e. Project Evaluation Group (PIG) of FIST, DST Project has the full right to evaluate, segregate, rank the responsive bids and select the successful bidder (L-1) i.e. lowest rate bidder for placement of the Purchase Order for each equipment. Any decision by the technical and purchase committee i.e. PIG in this regard will be final.
11. No legally enforceable right is vested in the quoted party merely because it was ostensibly the lowest bidder.

SECTION 6: TECHNICAL & FINANCIAL BID STRUCTURE

Part-A: Technical Bid

Submit in sealed envelope marked: "TECHNICAL BID for FIST-DST Project, DAVPGC, Dehradun"

Contents:

- (i) Covering Letter of the Bidder with quotation number and date
- (ii) Technical Bid Document as Annexure-I (with all supporting Enclosures)
- (iii) Technical Specifications compliance Document as Annexure-II matching with Brochure of the Equipment issued by manufacturer
- (iv) All relevant certificates, documents, letters and undertakings
- (v) Documentary evidences of technical qualifications
- (vi) Signed and stamped tender document on each page
- (vii) Original Tender Fee DD (Rs. 2,500/-)
- (viii) Original EMD (2% of quoted cost)
- (ix) All supporting technical documents including Brochure of the Equipment issued by Original Equipment Manufacturer (OEM)

Part-B: Financial Bid

Submit in separate sealed envelope marked: "FINANCIAL BID for FIST-DST Project, DAVPGC, Dehradun"

Contents:

- (i) Financial Bid with detailed cost breakdown as Annexure-III on the letter pad of the bidding firm, duly signed, dated and stamped.
- (ii) The Financial Bid must have quotation number mentioned on the covering letter of the bidder.
- (iii) Ensure rates are quoted up to two decimals.
- (iv) Leave no blank cells; unquoted items will be treated as Zero

[Signature] *[Signature]* 15/1/26

- (v) No additional charges except government taxes will be paid.
- (vi) Mention complete bank account details as payment will be made through PFMS portal of Government of India.

SECTION 7: TECHNICAL SPECIFICATIONS (SCHEDULES I-V & VIII-IX)

Technical specifications of the Equipment details are provided as Schedules I-V & VIII-IX under Technical bid part under Annexure-II:

1. Schedule I: UV-Visible Spectrophotometer
2. Schedule II: Ion-Exchange Chromatography Column
3. Schedule III: Muffle Furnace
4. Schedule IV: Hydraulic Press
5. Schedule V: Polarizing Microscope with LCD monitor and Camera
6. Schedule VIII: Zeeman Effect Set-up
7. Schedule IX: Dissecting Microscope

SECTION 8: GENERAL TERMS AND CONDITIONS

1. Quoted prices for each item must remain firm during supply period.
2. Equipment specification and quantity detailed in Annexure-II for Schedules I-V & XIII-IX.
3. College has right to increase/decrease quantity, delete items as required.
4. Contract award is based on quoted rates, equipment quality, and bidder's experience.
5. Tender terms remain valid until the warranty period is over.
6. Statutory levy changes during tender validity will be considered upon documentary proof.
7. Vendors must be registered with GST authorities.
8. Registration certificates and dealership/distributorship certificates, as applicable, must be attached.
9. Delivery must be at DAV (PG) College, Dehradun. No extra charges will be paid for transportation, supply, installation, or training.
10. Attach experience certificates for similar supplies from Government/Academic/Research Institutions as credentials during last 2 years.
11. Technical inspection/benchmarking may be conducted; shortlisted vendors may be asked for presentations/demonstrations.
12. Supplied items must be of required quality and grade; inferior quality will be rejected and replaced by the vendor at its own cost. Only technically qualifying bidders will have their financial tenders opened.
13. Decision of whether items meet college standards/requirements, rests with the College.
14. Amount in words will prevail over figures, in case of discrepancy.
15. Equipment's unit costs must include GST applicable as per Format of Financial Bid (Annexure-III).
16. Firm is bound to supply all items once approved; EMD may be forfeited for non-compliance.
17. For queries, contact Principal DAV (PG) College, Dehradun (principaldavpg@rediffmail.com). Pre-bid queries must be submitted in writing by 25.1.2026. Clarifications will be issued up to 28.1.2026.



18. Delivery of goods is supplier's risk and cost from railway/transport.
19. **Supply Delivery Timeline:**
 - (i) Supply must be completed within 30 days from issue of Purchase Order (PO) by college.
 - (ii) Extension clause: Extension possible with 2% penalty per 15 days delay (applicable after 30 days).
 - (iii) Maximum penalty cap will be 10%.
20. Written request for extension must be made at least one week before delivery deadline. College may grant/deny extension.
21. Purchase order will be issued based on user department recommendation and fund availability.
22. Unit price applies; supply must match purchase order.
23. Supply of all items must be completed as per purchase order within delivery schedule. Partial deliveries permitted only with prior written approval from Principal, documented in writing.
24. No payment for unsatisfactory items.
25. Secure packing required to avoid damage. Supplier shall bear full transportation risk and cost. Goods must be fully insured during transit (minimum 110% of invoice value). Original invoice and packing list with Challan Form required at delivery.
26. Delivery at college only; no extra delivery/packing/loading charges.
27. Supply to be from latest production batch with original packing.
28. Bills to be submitted in duplicate, to "Principal, DAV PG College, Dehradun", with valid GST No. and complete bank details for payment as per PFMS PORTAL REQUIREMENTS OF GOVERNMENT OF INDIA.
29. GST rates and amount must be clearly mentioned.
30. Every page and annexure must be signed by tenderers; unsigned tenders may not be considered.
31. Payment only after satisfactory acceptance, installation, working, training of staff and approval by the user department.
32. **Offer Validity:** 90 days from date of opening; shorter validity may incur penalty or EMD forfeiture.
33. **Fall Clause:** Price charged cannot exceed the lowest price offered for identical items elsewhere during contract period.
34. **Force Majeure Clause:** Applies for delay caused by events outside reasonable control.
35. Neither Firm/Bidder nor College is considered to be defaulting if performance is prevented or delayed due to Force Majeure (Acts of God, natural events, epidemics, etc.).
36. Proof of Force Majeure required within ten days.

SECTION 9: ARBITRATION AND JURISDICTION

1. Only Dehradun, courts hold jurisdiction, in case of any dispute.
2. Disputes shall be resolved through arbitration as per Arbitration & Conciliation Act, 1996 where sole arbitrator appointment authorities will be organizational head of both parties

Bidder's name, Signature and seal:
 (to be signed with date on each page of the tender document, stamped and must be attached with the
 Technical Bid, Annexures-I&II)

Annexure I: TECHNICAL BID of Tender(On Letter Pad of Bidder)
Equipment Tender for DST-FIST Project, D.A.V. (P.G.) College, Karanpur,
Dehradun-248001 (Uttarakhand)
Tender Ref. No.: DAV/955/26, Date: 15.1.2026

S. N.	Details of the Firm/ Bidder	Details to be furnished by the firm/ bidder	Page number	Enclosure No.
1	Name and address of the Bidder			
2	E-mail id and Mobile No. of the bidding firm			
3	Details of the Tender Fee DD No.: Dated: Drawn on Bank: Amount: Rs. 2,500.00			
4	Details of the Earnest Money Deposit (EMD) DD No.: Dated: Drawn on Bank: Amount:			
5	State About Status of the Bidding Firm (Sole proprietor or Partnership firm or a company or a Government Department or a Public Sector Organization (Attach relevant document in support))			
6	(i) GST Registration Certificate (ii) PAN No. & TAN No.			
7	Attach duly certified brochure of the Equipment(s) (for which applied/ bid submitted) issued by the manufacturer			
8	Work Orders issued by users of Bidder Firm for last 2 years			
9	Certificate from the Bidder stating that the Firm/ Company has not been blacklisted by any government organization			
10	Copy of Income Tax Return for the financial year 2024-25			
11	Attach the complete tender document and its annexures (duly signed and stamped by the			



bidder) Compulsory		Bidder's name, signature and seal:		
12	Authorization certificate issued by the Principal Manufacturing Company or Original Equipment Manufacturer (OEM) or Dealer or Distributor for the equipment in favour of bidder to submit bid and to undertake AMC minimum for 2 years			
13	Written confirmation for the warranty period of 2 years covering manufacturing defects for 2 years including free repair /replacement of defective components and preventive maintenance.			
14	Separate Complete Technical Specification Compliance for the Equipment for which Bid Submitted for Schedule of Technical Specifications of Equipment for Schedules I-V & VIII-IX (Attached as Annexure-II)			

Bidder's name, signature and seal:



Annexure-II:SCHEDULES OF TECHNICAL SPECIFICATIONS OF EQUIPMENT WITH QUANTITY REQUIRED

(On Letter Pad of Bidder)

S. N.	Schedule	Equipment Name	Key Technical Specifications of Equipment Required	Pointwise Technical Specification Compliance by Bidder
1.	Schedule -I	UV-VIS Spectrophotometer (Quantity Required 1 No.)	<p>Wavelength range 190.0nm to 1,100.0 nm</p> <p>Spectral bandwidth Fixed - 1 nm (190.0 to 1.100.0 nm)</p> <p>Wavelength setting 0.1nm increments</p> <p>Wavelength display resolution 0.1 nm.</p> <p>Measuring Modes ABS, %T, Conc. with custom K-Factor and multiple standards</p> <p>Wavelength accuracy ± 0.1 nm at 656.1nm</p> <p>± 0.1 nm for entire range (190 to 1100 nm)</p> <p>Wavelength repeatability ± 0.1 nm</p> <p>Wavelength slew rate About 29,000 nm/min</p>	
2.	Schedule -II	Ion Exchange Chromatography Column (Quantity Required 1 No.)	<p>Column material: Stainless steel, titanium, glass, or inert plastic (PEEK).</p> <p>Typical dimensions: Diameter 2–5 mm, length 3–50 cm.</p> <p>Particle size: Usually 4 μm resin particles for high resolution.</p> <p>Pressure tolerance: Up to \sim500 psi.</p> <p>pH stability: pH range typically 2 to 12.</p> <p>Ion exchange capacity: Supports separation of cations, anions, organic acids, and metals.</p> <p>Flow rate: Around 0.25 to 1.0 mL/min for analytical columns.</p> <p>Features: Often equipped with guard and pre-concentration columns, and RFID chip for usage tracking.</p>	
3.	Schedule -III	Muffle Furnace (Quantity Required 1 No.)	<p>Maximum temperature: 1400°C (Box Type Resistance Furnace).</p> <p>Temperature uniformity: ± 5°C typically.</p> <p>Cooling Accuracy: ± 1°C</p> <p>Cooling Rate: 10°C per minute</p> <p>High Temperature Control Accuracy: ± 1°C</p> <p>Heating element: Ceramic or Silicon Carbide based.</p> <p>Chamber volume: Variable, depending on model.</p> <p>Heating rate: Typically 5–20°C per min.</p> <p>Temperature control: Programmable PID controller. Auto Tune Function with overheating & thermocouple broken protection, with alarm.</p> <p>Door type: Flap or lift door for easy sample access.</p> <p>Insulation: High-grade fiber insulation for energy efficiency.</p> <p>Power supply: Usually 110–240 V(230 V $\pm 10\%$), single or three-phase.</p>	

Bidder's name, signature and seal:

4.	Schedule -IV	Hydraulic Press (Quantity Required 1 No.)	High Quality producing a force about 10 Tones used to make high quality .13mm pallet used for IR/FTIR/XRF Solid Sampling	
5.	Schedule -V	Polarizing Microscope with LCD Monitor & Camera (Quantity Required 3 No.)	Trinocular Polarizing Microscope with 3mp camera and 9" LCD color Display, illuminator 12V/50W Halogen lamp, Polarizer 360 Degree rotatable, Objective 10X, 20X, 40X	
6.	Schedule -VIII	Zeeman Effect Set-up (Quantity Required 1 No.)	High Resolution Fabry Perot Etalon, FP-01 Mercury Discharge Tube, MT-01 (Low Pressure Mercury Discharge Tube) Power Supply for MT-01, ZPS-02 (High Voltage Power Supply for Discharge Tube) Narrow Band Interference Filter, IF-01 Central Wave Length: 546nm Tmax: 74% HBW: 8nm Polarizer with lens, PL-01 Optical Bench: OB-01 CCD Camera: CAM-700 (High Resolution CCD Camera) Telescope with Focusing Lens: FL-01 Electromagnet, EMU-50T Constant Current Power Supply, DPS-50	
7.	Schedule -IX	Dissecting Microscope (Quantity Required 1 No.)	Dual Step Stereo Microscope with pillar stand for adjustable focusable working distance including transmitted & reflected LED light illumination with battery back-up. 95 mm glass plate. Black & White stage plate with clips. 360° rotatable Rack & pinion focus drive. dual step turret objective of 2x (81 mm) / 4x (58 mm) for magnification of 20x or 40x with paired widefield eyepiece 10x/ 20 mm. Microscope body with built in 45° binocular observation tube with IPD of 55-75 mm, +/- 5 mm adjustable diopter, dust cover complete set.	

Note: Each/equipment/ instrument is to be maintained free of charge by the supplier/ bidder during the warranty period of 2 years and the paid maintenance should commence only thereafter. Warranty covers manufacturing defects for 2 years including free repair /replacement of defective components and preventive maintenance. Consumables, accessories, and damage from misuse excluded.

Bidder's name, signature and seal:

Annexure III: FINANCIALBID for Tender(On Letter Pad of Bidder)
EquipmentTender for DST-FIST Project, D.A.V. (P.G.) College,
Karanpur, Dehradun-248001 (Uttarakhand)
Tender Ref. No.: DAV/955/26, Date: 15/1/2026

Note: After opening of technical bid on 2.2.2026 at 1.15 pm, the capability and suitability of the bidders shall be evaluated based on their technical bid. Financial Bid of only technically qualified bidders will be opened. Financial bid opening date is 4.2.2026 at 1.15 pm at the office of Principal of the college. Rates must be quoted in Indian Rupees (Rs.) with 2 decimal places (e.g. Rs. 50,000.00). Total amounts in words will prevail in case of figure-word discrepancy.

To,
The Principal

Date:

DAV (PG) College, Karanpur, Dehradun-248001 (Uttarakhand)

Reference: Our Technical Bid Letter Number..... Dated.....

DearSir,

In response to your invitation and as per your tendering conditions, the prices applicable for the scope of supply under Annexure-I&II of TECHNICAL BID of our tender are as under:

S. N.	Schedule	Equipment Name	HSN Code	Unit Cost Quoted (Rs.) (i)	GST Rate(%) (ii)	GSTAmount(Rs.) (iii) [on (i)]	TotalUnit Cost, Inclusive of GST(in Digit) (Rs.) (iv) [= (i) + (iii)]	Total Unit CostInclusive of GST(in Words) (Rupees) (vii)
1	Schedule-I	UV-Visible Spectrophotometer						
2.	Schedule-II	Ion- ExchangeChromatographyCol						
3.	Schedule-III	MuffleFurnace						
4.	Schedule-IV	Hydraulic Press						
5.	Schedule-V	Polarizing Microscope withLCDMonitor & Camera						
6.	Schedule-VIII	ZeemanEffectSetup						
7.	Schedule-IX	Dissecting Microscope						

We hereby agree to keep the price valid for your acceptance for a period of 90 days from the date of actual opening of Annexure-III (FINANCIAL BID) of the tender.

Thankingyou,

Yours faithfully,

Name &SignatureoftheTenderer &Stamp

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PRINCIPAL
D.A.V. (P.G.) COLLEGE
DEHRADUN (Uttarakhand)

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