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**S.S.V. COLLEGE, HAPUR**  
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Date 30/11/2018

Tender Ref. No-- SSVC/DST-FIST/RF-1,2,3 /2018/ 03

**TENDER DOCUMENT FOR SUPPLY  
AND INSTALLATION OF RESEARCH EQUIPMENTS**

<b>S. No</b>	<b>Content</b>
(1)	Schedule of Tender
(2)	Tender Notice
(3)	Terms and Conditions of tender
(4)	Technical Specifications (Annexure-I A)
(5)	Technical Specifications Compliance Sheet (Annexure-I B )
(6)	Tender acceptance letter Form (Annexure- II)
(7)	Format For Manufacturer's Authorization Letter to Agent (Annexure-III)
(8)	Details of the Firm offering this Quote (Annexure-IV)
(9)	Warranty format (Annexure V)
(10)	List of Govt. Organizations /Dept. Where same nature of work is performed (Annexure VI)
(11)	Format of Financial bid (Price Bid)
(12)	Check list with Technical bid/ (Financial bid) Price Bid

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**S.S.V. COLLEGE, HAPUR**  
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Date 30/11/2018

Tender Ref. No-- SSVc/DST-FIST/RF-1,2,3 /2018/03

**(1) Schedule of Tender**

Sealed quotations are invited from the manufacturers, authorized distributors/agents for Supply & Installation of **RESEARCH EQUIPMENTS**, for central research facilities under DST-FIST **Project** at S.S.V.P.G. College, Hapur U.P.245101 .The details are as follows:

S. No	Instruments/Equipments	Technical Specification	Quantity	Amount of EMD	Tender Fee	Date of technical Bid opening at 13:00hrs
1	Atomic Absorption Spectrometer (AAS)	<b>ANNEXURE 1A</b>	01	40,000/-	500/-	21.12.18
2	FTIR Spectrometer		01	28,000/-	500/-	22.12.18
3	HPLC		01	28,000/-	500/-	24.12.18

Tender Document upload (publish) Date: 30 /11/2018

Document Sale/download Start Date : 30/11/2018

Document Sale/download End Date : 20/12/2018

Last Date of Submission of Tender : 20/12/2018 up to 16:00 hrs.

Type of Tender: Two Bid Systems. (Rule 163 GFR 2017)

Mode of EMD: Bidders should send EMD in form of DD (Refundable without any Interest) in favour of "Principal, S.S.V. P.G. College", Hapur U.P. 245101.

Tender Fees: Non refundable in form of DD in favour of "Principal, S.S.V. P.G. College", Hapur

**NOTE:-**

1. If the tender is not opened on the above date, due to unforeseen circumstances, then the next working day will be consider as tender opening date.
2. The bidders who fail to submit the required tender fee and EMD, then their techno commercial bids will not be considered for opening.
3. S.S.V. College, Hapur is not bound to accept the lowest bid and may reject any bid or any part of the bid without assigning any reason therefore.
4. If a Bidder want to quote for more than one equipment then he will submit separate quotation in separate envelope along with Tender fees and EMD as given above with requisite documents.

**PRINCIPAL/CO-ORDINATOR**

**DST-FIST**

**S.S.V. P.G. College, Delhi Road, Hapur U.P.245101**

**Contact No./ Email Address- 01222316818/ ssvcollege1951@gmail.com**

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**S.S.V. COLLEGE, HAPUR**  
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**TENDER NOTICE**

Tender Ref. No-- SSVC/DST-FIST/RF-1, 2, 3 /2018/03

**Date 30/11/2018**

Sealed quotations are invited from the manufacturers, authorized distributors/agents for Supply & Installation of **RESEARCH EQUIPMENTS**, for central research facilities under DST-FIST project at S.S.V.P.G. College, Hapur U.P.245101 in two parts, —Part A (Technical Bid) and —Part B (Price Bid). Quotations completed in all respects along with technical and price bids should reach the office of the undersigned on or before by 20/12/2018 up to 16.00 hrs. by Post or courier. Technical Bids will be opened as per given schedule in the presence of available bidders.

S. No	Instruments/Equipments	Quantity	Amount of EMD	Tender Fee	Date of technical Bid opening at 13:00hrs
1	Atomic Absorption Spectrometer (AAS)	01	40,000/-	500/-	21.12.18
2	FTIR Spectrometer	01	28,000/-	500/-	22.12.18
3	HPLC	01	28,000/-	500/-	24.12.18

The detailed terms & conditions, name of items with technical specifications etc. can be downloaded from the website [www.ssvcollege.org](http://www.ssvcollege.org). All other amendment/modification/Corrigendum in future will only be published on the website [www.ssvcollege.org](http://www.ssvcollege.org)

**PRINCIPAL/COORDINATOR**  
**DST- FIST**  
**S.S.V. P.G. College**  
**Delhi Road, Hapur U.P.245101**

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Tender Ref. No-- SSVc/DST-FIST/RF-1,2,3 /2018/03

Date 30/11/2018

**Terms and conditions**

1. **Preparation of Bids:** The technical and financial bids should be quoted separately and put in different sealed envelopes marked "Technical bid" and "Financial bid" as applicable. These separate bids envelopes are to be put in an outer envelope which should also be sealed.
2. The technical and financial bids should be submitted in original. The financial bid should include the cost of main equipment/item and its accessories. If there is any separate cost for installation etc. that should be quoted separately.
3. Each individual sealed envelope as well as the outer envelope should be marked with the following reference on the top left hand corner: "appropriately as **Tender for supply & installation.....(Name of Equipment) and S.No..... under DST-FIST Project (Tender Ref. No-- SSVc/DST-FIST/RF-1,2,3 /2018/03 date 30/11/2018 .**
4. **If a Bidder want to quote for more than one equipment then he will submit separate bid in separate envelopes (Two bid system) along with Tender fees and EMD as given above with the requisite documents.**
5. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender.
6. The rates should be quoted in figures (typed or printed) and cutting should be avoided. The final amount should be in figures as well as in words. If there are cuttings, they should be duly initialed, failing which the bids are liable to be rejected. The tenderer shall certify that the rates being quoted are not higher than those quoted for any Govt. deptt. or Institution. Further if above quoted item is available on Government e-Marketing (GeM) then the rates charged in this tender are not more than rates available on Government e-Marketing (GeM).

**NOTE-**

The Technical Bids will be opened as per schedule given above. **Financial bids/Price Bid of only those bidders will be opened whose technical bids are found suitable by the committee**

**appointed for the purpose** The date & time for opening of Financial Bids will be informed later on to the technically qualified bidders. In case the date mentioned above is declared Government Holiday, the date shall automatically be shifted to next working day.

7. The bidders or their authorized representatives may also be present during the opening of the Technical Bid, if they desire so, at their own expenses.
8. In exceptional situation, an authorized committee may negotiate price with the qualified bidder quoting the lowest price before issuing the purchase order.
9. Any bids received after 16.00 hrs. on 20/12/2018 shall not be considered. Tenders received within the stipulated period only are considered. The institute shall not be responsible for any postal delay. **The tender documents should be sent through speed post/registered post/courier only. The postal address for submitting the tenders is:**

**PRINCIPAL**

**S.S.V. P.G. College**

**Delhi Road, Hapur U.P.245101**

**10. Pre-qualification criteria:**

Bidders should be the manufacturer; authorized distributors/agents are eligible to submit bids. All offers other than those from the manufacturers should be supported by an authority letter from the manufacturers or attested copy there of authorizing the firm to tender on their behalf. An undertaking from the OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well. (Ref. Annexure-III)

11. The Vendors must have executed same nature of work in the last 3 years. The user list of such institutions, with name of equipments/date and the cost may also be supplied with the bids. (Ref. Annexure-VI)
12. While sending rates, the firm shall give an undertaking to the effect that “the terms /conditions mentioned in the Inquiry Letter/Tender Notice against which the rates are being given are acceptable to the firm”. In case the firms do not give this undertaking, their rates will not be considered. (Tender acceptance letter) (Ref. Annexure-II)
13. All disputes shall be subject to Hapur Jurisdiction only.
14. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer shall be summarily rejected.

15. **EMD:** The tenderer should submit an EMD amount through DD in favour of Principal S. S. V. College Hapur. **The Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted.** The EMD will be refunded without any interest to the unsuccessful bidders after the award of contract. **The bank draft must be enclosed in the envelope containing the technical bid. If any exemption claimed please submit documentary proof.**
16. The bidders shall keep their bid valid for minimum 120 days from the date of opening of the financial bid
17. Bidders should go through the tender terms, conditions and specifications carefully and fill in the attached compliance statement accurately and unambiguously. They should ensure that all the required documents are furnished along with the bid.
18. **Acceptance/ Rejection of bids:** The Committee reserves the right to reject any or all offers without assigning any reason and it not bound to accept the lowest bid. The college at its discretion may change the quantity/quality/parameters/upgrade the criteria/drop any item(s) or part thereof at any time before placing the order. In case of any dispute, the decision of College shall be final and binding on the bidders/tenderers
19. **Performance Security (Performance Bank Guarantee):** Performance Security has to be submitted by the successful bidder within one week from the date of the purchase order. Performance Security will be 10% of the ordered value. Performance Security may be furnished in the form of Bank Guarantee (Principal, S.S.V.P.G. College, Hapur) from any Nationalized Bank and Performance security should remain valid for a period of two months beyond the date of completion of all contractual obligations. **No interest will be payable by college on the performance Security deposited.**
20. **Delivery & installation Period and Liquidated Damage:** The ordered materials/work must be supplied & installed/completed in all respects are required to be delivered and installed within the period stipulated in the purchase order failing which liquidated damages of 1% per week or part thereof for the delayed period subject to maximum of 5% of the total value of the order shall be deducted from the invoice of the supplier.
21. **Consumables/spares:** All hardware & software including drivers, device interface cards/network adaptor card must be pre-installed & pre configured in the computer /equipment provided. Licensed version of system software should be provided in CD (with up-gradable version), if such system is also a part of supply. Manual - Hard copies of instruction/operation/service manuals should be supplied.

22. List of important Consumable/ Spares and parts having sufficient shelf life for trouble free operation of three years should also be provided.
  23. **Terms of Payment:** Payment will generally be made within 4-6 weeks only after delivery and satisfactory installation, testing, commissioning etc.This must be specified in the tender/quotation.
  24. Each page in the bid document must be numbered properly and duly signed & sealed by the bidder on every page of the bid.
  25. **Manuals and Drawings:** Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
  26. **Site Preparation:** The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter
  27. **Insurance:** For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier
  28. **Installation & Demonstration:** The supplier is required to done the installation and demonstration of the equipment within 3-4 weeks of the arrival of materials at the **S.S.V. College, Hapur** site of installation, otherwise the penalty clause will be the same as per the supply of materials. In case of any mishappening /damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new equipment/supplies immediately at his own risk. **S.S.V. College Hapur** will not be liable to any type of losses in any form.
  29. **Training:**The Supplier is required to provide free training to the designated Purchaser's technical and end user personnels to enable them to effectively operate the total equipment.
- Warranty:**
30. Bidder must give on-site warranty as required from the date of successful installation and running of Equipment at the **S.S.V. College Hapur** as per format.(Annexure V).  
After the warranty period is over, Annual Maintenance Contract (AMC) up to next two years should be quoted as well separately.

**31. Governing Language:** The contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language

**32. Defective Equipment:** If any of the equipment supplied by the tenderer is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the tenderer with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions the College may consider "banning" the supplier.

**33. PRICES:** The Prices quoted should be inclusive of all taxes or duties, packing, forwarding, freight, insurance, delivery and commissioning etc. F.O.R. at S.S.V.P.G. College Hapur at destination site .

**34.** Nothing extra shall be paid on any account. In the price bid/financial bid, the vendor should clearly mention the final price breakup i.e. ex-work price/FCA price, FOB price, CIP/CIF price & FOR S.S.V.P.G. College Hapur price, as applicable in their bid.

**35. DOCUMENTS COMPRISING THE BID:** The bids prepared by the bidder shall comprise of (1) Technical Bid and (2) Financial Bid: **NOTE –Submit separate bid for each equipment if want to quote for more than one equipment.**

**Technical Bid:** - To qualify in the Technical Bid the firm should have the minimum eligibility criteria as under and the firm in this regard must submit the following documents in support of their eligibility criteria:

- 1) The technical bid should be accompanied by Tender Fees (Non refundable) and EMD (refundable without any interest) in the form of Demand Draft should be prepared separately and drawn in favour of “**Principal, S.S.V.P.G. College, Hapur.**”
- 2) Copy of Firm registration, PAN Card, GSTIN.
- 3) Duly filled format of Technical compliance sheet as per Annexure – IB.
- 4) Original Catalog/Brochure and supporting documents for technical compliance of quoted Model.



**5) Duly Signed Tender documents and their Annexure from I to VI along with supporting documents etc. with seal and signature.**

**Note- If the prices are mentioned in technical bid in any form, the bid will be rejected.**

**(II) Financial Bid:** The financial bid shall contain:

**(a) Price Bid Form:** As per format given.

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**TECHNICAL SPECIFICATIONS SECTION - (ANNEXURE-I A)**

**S.No.01 Technical Specifications of Atomic Absorption Spectrometer( AAS) – Flame Model**

S. No.		
1	<b>Atomizer System</b>	Space-saving compact true double beam atomic absorption spectrometer.
2	<b>Flame Atomizer</b>	<p>1-The system should have option of vertical and horizontal alignment of the flame burner head for optimum light transmission.</p> <p>2-System should come with Standard 10 cm titanium burner head for Air – Acetylene flame for better absorbance. For elements that need N<sub>2</sub>O – Acetylene flame, 5 cm burner head should also be quoted.</p> <p>3-System should have software controlled flame ignition and it should have all safety interlocks to avoid instrument damage and human health hazard.</p> <p>4-System should be quoted with <b>suitable air compressor</b>.</p>
3	<b>Lamps</b>	<p>1-The system should have 4 lamp holder with a provision of automatic lamp selection and fixed lamp positions.</p> <p>2-Built-in power supplies for the Coded Hollow Cathode Lamps. Lamps to be supplied: As, Zn, Fe, Cu, Cd, Pb, Hg</p> <p>3-Lamp selection, alignments and operating current should be software controlled.</p>
4	<b>Sample Introduction System</b>	<p>1-A <b>high sensitivity nebulizer</b> system including impact bead and flow spoiler with corrosion resistant against the acids like 5% hydrofluoric acid, hydrochloric acid and Nitric Acid.</p> <p>2-Corrosion resistant spray chamber</p>
5	<b>Optical System</b>	<p>1-Monochromator system with a diffraction grating ruling density of at least 1800 lines/mm blazed in both the UV and Visible regions.</p> <p>2-A system should able to select wavelengths automatic and manual both.</p> <p>3-A focal length of minimum above 250 mm and the Reciprocal Linear Dispersion of 1.6 nm/mm.</p> <p>4-Variable slit width between 0.2 to 2.0 nm with automatic slit selection.</p> <p>5-System should have the maximum light transmission for the best detection limits with least maintenance.</p> <p>6-System should automatically adjust to changes in lamp intensity for stable baselines and compensates for drift multiple times per second.</p> <p>7-System should have fast start-up and exceptional long-term stability without recalibration.</p>
6	<b>Detector</b>	1-Wide range Photomultiplier Tubes (PMT) - R 955 or Solid State Detector, with highest quantum efficiency.

		2-Wavelength range: 185 – 900 nm 3-Operator selectable Read time from 0.1 to 120 seconds.
7	<b>Background Correction Methodology</b>	High speed continuum source Deuterium Lamp background
8	<b>Gas Flows system</b>	1-Software controlled flame ignition and automatic changeover of oxidant flow from acetylene to nitrous oxide when switching to or from air-acetylene to nitrous oxide – acetylene flame. 2-Fully software controlled oxidant and fuel gas flow monitoring.
9	<b>Safety interlock</b>	All safety interlocks built-in and additional feature like Burner Head Interlock, Nebulizer/End Cap Interlock, and Drain Interlock to be built-in.
10	<b>Sensitivity:</b>	Vendor should provide report of the quoted system demonstrating >0.8 absorbance with the precision of <0.5% RSD from 5 second integrations for 5 ppm Cu standard.
11	<b>Accessories included</b>	System should be quoted <b>with Vapor/hydride accessory to connect with Flame to address volatile/hydride forming elements. Vendor should quote appropriate 5 KVA UPS, fume hood, acetylene cylinder, nitrous oxide cylinder, PC , Printer</b>
12	<b>Installation and Training</b>	At S.S.V.P.G. College, Hapur will be free of cost
13	<b>User list</b>	At least Ten Govt. institutions with contact details
14	<b>Warranty</b>	One Years from Date of Installation
15	<b>AMC</b>	Quote separately
16	<b>Service support</b>	Supplier should confirm the availability of minimum essential spares in the next 10 years after installation

- 1-The system quoted should be of latest model obsolete and phase out equipments not quoted.
- 2-IO, OQ, documents with original brochures and catalogs etc.
- 3-Onsite calibration and demonstration of equipment if required.

### S.No-2 Technical Specifications for FT-IR Spectrometer

S.NO.		System should not be kept <b>ON</b> when not in use. <b>No</b> Nitrogen purging should be required.
1	Spectral Range	6,000-500 $\text{cm}^{-1}$ or more with ZnSe beam splitter
2	Spectral resolution	0.8 $\text{cm}^{-1}$ or better
3	Wavenumber accuracy	$\pm 0.05 \text{ cm}^{-1}$ or better
4	Wavenumber precision	0.0005 $\text{cm}^{-1}$ or better
5	Signal-to-Noise Ratio:	50,000:1 or better.
6	Interferometer	Must be permanently/dynamically aligned and highly stable with <b>life time &gt; 10 years</b>
7	Optics	1) Completely sealed and dessicated 2) Mirrors are Gold coated 3) High humidity optics with ZnSe beamsplitter and ZnSe windows
8	Detector.	DLATGS/DTGS
9	Source	High intensity ceramic Globar
10	ATR	With Diamond
11	Sample	Powder, liquid, Gel ,Paste & thin film
12	Component check	Individual components performance, humidity and temperature check by computer
13	Software features	Should be (original license )Windows based system with facilities like Instrument control, Basic and advanced data manipulation routines, Spectral calculator, quantification library search, automated water vapor compensation, library search etc.
14	Spectral library	10000 compounds including, chemical, Pharma and polymer etc.
15	Validation	Built in validation unit for OQ and PQ must be fully automated. Must be compliance with GMP
16	Sample Placing accessory include	1) 15 Ton Hydraulic Press 2) KBr die

		3) Agate Mortar and Pestle 4) Pellete holder
17	Other accessories include (Optional)	1) Branded Computer with suitable original window 2) Online UPS with 30 minutes backup 3) Printer
18	installation and Training	At S.S.V.P.G. College, Hapur will be free of cost
19	Users List	Recent supply to Ten govt. institutions be provided with contact detail
20	Warranty	One Years + additional 10 years on interferometer+ five years on laser and source (To be Mentioned in warranty annexure V)
21	AMC	Quote separately
22	Service support	Supplier should confirm the availability of minimum essential spares in the next 10 years after installation

- 1-The system quoted should be of latest model obsolete and phase out equipments not quoted.
- 2- IO, OQ, documents with original brochures and catalogs etc.
- 3- Calibration and demonstration of equipment if required.

### S.No.03 Technical Specification for HPLC

An Automatic computer controlled **High Performance liquid chromatography** system equipped with a Binary Gradient pump, auto sampler with UV-VIS Detector and software with below specifications.

S.No.		Features
	<b>Pump: Binary Gradient Pump with Degasser facility</b>	Dual plunger in series pump with variable stroke drive and passive inlet valve
1	Settable Flow Range	0.001 – 10 mL/min, in 0.001 mL/min increments or better
2	Flow Range	0.2 – 10.0 mL /min
3	Flow Precision	0.07 % RSD, or < 0.02 min SD whatever is greater.
4	Flow Accuracy	± 1 % or 10 µL/min whatever is greater
5	Pressure Operating Range	0- 40 MPa (0-400 Bar, 5800 Psi) up to 5mL/min.
6	Operating Range	Upto 20 MPa (200 Bar, 2901 Psi) upto 5mL/min
7	Pressure Pulsation	<2% amplitude (typically <1%),at 1mL/min isopropanol , at all pressures>1MPa (10 Bar)
8		Programming: It should provide error-free programming of pump parameters including flow rates, operating pressure limits, compressibility compensation, calibration and diagnostic.
	<b>Detector</b>	
9	Light Source	D2 lamp
10	Wavelength Range	160-600 nm or better
11	Wavelength Accuracy	± 1 nm , self calibration with D2 lines, verification with Holmium oxide filter
12	Noise	± 0.35·10 <sup>-5</sup> AU at 230 nm
13	Drift	3.10 <sup>-4</sup> AU/h at 254 nm
14	Linearity	> 2 AU (5 %) upper limit
15	Flow Cell	10 mm path length
16	Band Width	6.5 nm
	<b>Auto Sampler</b>	
17	Pressure operating Range	Pressure Operating range: 0 – 40 MPa
18	Injection range:	0.1 – 100 µL in 0.1 µL increments Up to 1500 µL with multiple draw (hardware modification required)
19	Replicate injections	1 – 99 from one vial
20	Precision	< 0.25 % RSD from 5 – 100 µL, < 1% RSD 1 – 5 µL variable volume

21	Minimum sample volume	1 µL from 5 µL sample in 100 µL microvial, or 1 µL from 10 µL sample in 300 µL microvial
22	Carryover	Typically < 0.1 %, < 0.05 % with external needle cleaning
23	Sample viscosity range	0.2 – 50 cp
24	Sample capacity	100. 2-mL vials in 1 tray 40. 2-mL vials in ½ tray 15. 6-mL vials in ½ tray
25	Injection cycle time	Typically 50 s depending on draw speed and injection volume GLP features: System should have Early maintenance feedback (EMF) to track instrument usage, electronic records of maintenance and errors.
26	<b>Chromatography Software:</b>	Standard Licensed Chromatography Software based on latest Windows version capable of controlling the entire HPLC system, data acquisition, analysis & storage.
27	<b>Columns:</b>	<ul style="list-style-type: none"> <li>• One C18 Columns:4.6x150mm &amp; 4.6x250mm</li> <li>• One C8 Columns:4.6x150mm &amp; 4.6x250mm</li> </ul>
28	<b>UPS</b>	3 KVA On-line UPS with 30 minutes back up.
29	<b>Computer and Printer</b>	One compatible Branded PC with Printer should be provided
30	<b>Accessories</b>	Solvent and sample filtration Kit
31	<b>Tool Kit</b>	To maintain and Operate HPLC
32	Warranty	One years' warranty with part number should be provided on complete system <b>Optional-</b> Total 3 Years warranty quoted separately.
33	Training & Installation	Training & Installation at SSV-PG College-Hapur should be given free of cost .
34	<b>Users Lists</b>	Recent users list
35	<b>Service Support:</b>	The certificate that all spares required for quoted instrument shall be available for next 10 years from date of installation should be provided

1-Vendor should have ISO 9001 Certification.

2-The system quoted should be of latest model obsolete and phase out equipments not be quoted.

3- IO, OQ, documents with original brochures and catalogs etc.

4- Onsite calibration and demonstration of equipment if required.

**Technical Compliance sheet (Annexure 1B)**

**Technical Compliance sheet For AAS with reference to the  
Specification of Equipments**

Name of the Bidder/Tenderer:

Tender Ref. No. and S.No.

Name and model no. of offered goods/equipments:

Year Make:

S.No.		Quoted details by the bidder	Any deviation From Specification, if any mention	Corresponding part number /datasheet/page no. in brochures in support of specification
1	<b>Atomizer System</b>			
2	<b>Flame Atomizer</b>			
3	<b>Lamps</b>			
4	<b>Sample Introduction System</b>			
5	<b>Optical System</b>			



6	<b>Detector</b>			
7	<b>Background Correction Methodology</b>			
8	<b>Gas Flows system</b>			
9	<b>Safety interlock</b>			
10	<b>Sensitivity:</b>			
11	<b>Includes Accessories</b>			
12	<b>Installation and Training</b>			
13	<b>User list</b>	Annexure VI		
14	<b>Warranty</b>	Annexure V		
15	<b>AMC (Optional)</b>			
16	<b>Service support</b>	Annexure V		

### **Important Notes**

1-The technical compliance bid must be in this sheet only, otherwise it should be assumed that bidder is not able to offer technically desired product. Information provided elsewhere or in different form will not be considered.

2. All the columns of this sheet should be filled in compulsorily by the bidder, merely asking the office to refer catalogue or brochure will not be entertained.

3. The bidder shall assume full responsibility of the information provided in this sheet. Any false statement should render the breach of basic foundation of the tender.

**Note:** Do not mention “We Comply or Complied with or yes” in your response.

**Signature of bidder with seal**

**Technical Compliance sheet For FTIR with reference to the  
Specification of Equipments**

Name of the Bidder/Tenderer:

Tender Ref. No. and S.No.

Name and model no. of offered goods/equipments:

Year Make:

S.N	Features	Quoted details by the bidder	Any deviation From Specification, if any mention	Corresponding part number /datasheet/page no. in brochures in support of specification
1.	Spectral Range			
2.	Spectral resolution			
3.	Wavenumber accuracy			
4	Wavenumber precision			
5	Signal-to-Noise Ratio:			
6	Interferometer			
7	Optics			
8	Detector.			
9	Source			
10	ATR			

11	Sample			
12	Component check			
13	Software features			
14	Spectral library			
15	Validation			
16	Include Sample Placing accessory			
17	Include Other accessories			
18	Installation and Training			
19	Users List	Annexure VI		
20	Warranty	Annexure V		
21	AMC (optional)			
22	Service support	Annexure V		

**Important Notes**

1-The technical compliance bid must be in this sheet only, otherwise is should be assumed that bidder is not able to offer technically desired product. Information provided elsewhere or in different form will not be considered.

2. All the columns of this sheet should be filled in compulsorily by the bidder, merely asking the office to refer catalogue or brochure will not be entertained.

3. The bidder shall assume full responsibility of the information provided in this sheet. Any false statement should render the breach of basic foundation of the tender.

**Note:** Do not mention “We Comply or Complied with or yes” in your response.

**Signature of bidder with seal**

**Technical Compliance sheet For HPLC with reference to the**

**Specification of Equipments**

Name of the Bidder/Tenderer:

Tender Ref. No. and S.No.

Name and model no. of offered goods/equipments:

Year Make:

<b>S.No.</b>	<b>Pump: Binary Gradient Pump with Degasser</b>	Quoted details by the bidder	Any deviation From Specification, if any mention	Corresponding part number /datasheet/page no. in brochures in support of specification
1	Settable Flow Range			
2	Flow Range			
3	Flow Precision			
4	Flow Accuracy			
5	Pressure Operating Range			
6	Operating Range			
7	Pressure Pulsation			
8				
	<b>Detector</b>			
9	Light Source			
10	Wavelength Range			
11	Wavelength Accuracy			
12	Noise			
13	Drift			
14	Linearity			

15	Flow Cell			
16	Band Width			
	<b>Auto Sampler</b>			
17	Pressure operating Range			
18	Injection range:			
19	Replicate injections			
20	Precision			
21	Minimum sample volume			
22	Carryover			
23	Sample viscosity range			
24	Sample capacity			
25	Injection cycle time			
<b>26</b>	Chromatography Software			
<b>27</b>	Columns			
<b>28</b>	UPS			
<b>29</b>	Computer and Printer			
<b>30</b>	Accessories			
<b>31</b>	Tool Kit			
<b>32</b>	Warranty	Annexure V		

33	Training & Installation:			
34	Users Lists	Annexure VI		
35	Service Support:	Annexure V		

**Important Notes**

1-The technical compliance bid must be in this sheet only, otherwise is should be assumed that bidder is not able to offer technically desired product. Information provided elsewhere or in different form will not be considered.

2. All the columns of this sheet should be filled in compulsorily by the bidder, merely asking the office to refer catalogue or brochure will not be entertained.

3. The bidder shall assume full responsibility of the information provided in this sheet. Any false statement should render the breach of basic foundation of the tender.

**Note:** Do not mention “We Comply or Complied with or yes” in your response.

**Signature of bidder with seal**



**<<<<(To be given on Company letter head)>>>>> – (Annexure II)  
TENDER ACCEPTANCE LETTER**

Date:

To,

Principal  
S.S.V. P.G. College, Hapur

Sub: Acceptance of terms and Conditions of tender.

Tender Reference No and S.No.

Name of the tender/work:-

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Dear sir,

1. I/we .....have downloaded the tender documents for the above mentioned Tender/work from the website (s) namely:

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as per your advertisement, given in the above mentioned website(s).

2. I/we hereby certify that I/we have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedules(s), etc.) which form part of the contract agreement and I/we shall abide hereby the terms/ conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department / organization too have also been taken into consideration, while submitting this acceptance letter.
4. I/we hereby unconditionally accept the tender conditions of above mentioned tender document (s)/corrigendum(s) in its totality /entirety.
5. I/we do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public Sector Undertaking.
6. I/we certify that all information furnished by our Firm is true and correct and in the event the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason thereof or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

**Signature of the Bidder,  
with Official Seal**

<<<< Letter head of the manufacturer>>>>

**MANUFACTURERS' AUTHORIZATION FORM – (Annexure III)**

**No:**

**Dated:** \_\_\_\_\_

**The Principal ,  
S.S.V.P.G. College  
Hapur**

We \_\_\_\_\_ who are established and reputed manufacturers of the equipment name ..... having factories at \_\_\_\_\_ (address of factory) do hereby authorize M/s. (Name and address of Agent) to submit a bid, negotiate and receive the order from you against your Tender ref. No. \_\_\_\_\_ S.No..... dated\_\_\_\_\_.

No company or firm or individual other than M/s. \_\_\_\_\_ is authorized to bid, and conclude the contract in regard to this business.

We hereby extend our full guarantee and warranty as per the Terms and Conditions of the above Tender for the goods and services offered by the above firm.

**Yours faithfully,**

**(Name)**

**(Name of manufacturers)**

This letter of authority should be on the **letterhead of the manufacturer** and should be signed by a person competent and having the power of attorney to bind the manufacturer. It should be enclosed by the Bidder in its bid.

<<<On the letter head of the Firm>>>

**BIDDER INFORMATION FORM (Annexure IV)**

**Company Name:** \_\_\_\_\_

**Registration Number:** \_\_\_\_\_

**Registration Address:** \_\_\_\_\_

**Name of Partners/Director:** \_\_\_\_\_

**City:** \_\_\_\_\_

**Postal Code:** \_\_\_\_\_

**Company Establishment Years Name:** \_\_\_\_\_

**Company's Nature of Business Name:** \_\_\_\_\_

**Company's Legal Status:(Please tick)** 1.Limited Company 2. Undertaking 3. Joint Venture 4. Partnership 5. Others

**Company Category: (Please tick)** 1.Micro Unit as per MSME 2.Small Unit as per MSME 3. Medium Unit as per MSME 4. Ancillary unit 5.SSI unit 6.Others

**Whether you are :** Manufacturer of the goods quoted; or Manufacturers authorized agent for those goods. (**Attach Copy from OEM**)

**Contact Details:**

**Contact Name:** \_\_\_\_\_

**Email ID:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Phone NO.:** \_\_\_\_\_

**Mobile Number:** \_\_\_\_\_

**Bank Details:**

**Beneficiary Name:** \_\_\_\_\_

**Account No. and Type :** \_\_\_\_\_

**Name of Bank:** \_\_\_\_\_

**IFSC Bank:** \_\_\_\_\_

**Branch Address and code:** \_\_\_\_\_

**Other Details:**

**Vendor's PAN No.** \_\_\_\_\_

**Vendor's GST No.** \_\_\_\_\_

Signature of Bidder with Seal

<<<On the letter head of the Firm>>>  
**CERTIFICATE OF GUARANTEE/WARRANTY (Annexure V)**

I/We .....certify that the guarantee/warranty shall be for a period of ..... (as applicable) starting from the date of satisfactory installation, commissioning and handing over of the equipment and of the works conducted therewith covered under the Supply order in working order. During the guarantee/warranty period, I/we shall provide free —after sale service|| and the replacement of any part(s) of the equipment or rectification of defects of work of the equipment will be free of cost. The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above guarantee / warranty shall begin only from the date of satisfactory and faultless functioning of the equipment in college premises. The benefit of change in dates of the guarantee / warranty period shall be in the interest of the user/your organization.

During the warranty period, **we shall provide at least .... preventive maintenance visits per year. and annual calibration as per requirement.**

Uptime Guarantee: During the guarantee/warranty period, we will be responsible to maintain the equipment in good working conditions for a period 347 days (i.e. 95% uptime) in a block of 365 days.

- All complaints will be attended by us within 5 working days of receipt of the complaint in our office.
- In case there is delay of more than 2 days in attending to a complaint from our side then you can count the number of days in excess of the permissible response time in the downtime. The above said response time of 2 days for attending to a complaint by us will not be counted in the downtime.
- Penalty: We shall pay a penalty equivalent to 0.50% of the FOB value of the equipment for every week or part thereof delay in rectifying the defect.

**Note:** The right to accept the reason(s) for delay and consider reduction or waive off the penalty for the same shall be at the sole discretion of College.

We certify that the Equipment /Item being/ quoted is the latest model and that spares for the Equipment /Item will be available for a period of at least 10 years and we also guarantee that we will keep the organization informed of any update of the Equipment /Item over a period of \_\_\_ years even after warranty period.

We guarantee that in case we fail to carry out the maintenance within the stipulated period, University reserves the right to get the maintenance work carried out at our risk, cost and responsibility after informing us. All the expenses including excess payment for repairs/maintenance shall be adjusted against the Performance Bank Guarantee. In case the expenses exceed the amount of Performance Bank Guarantee, the same shall be recoverable from us with/without interest in accordance with the circumstances.

We shall try to repair the equipment at College premises itself. However, the equipment will be taken to our site on our own expenses in case it is not possible to repair the same at College premises. We shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repairs till the equipment is rehabilitated to the College after repair. Any loss of equipment or its accessories under its charge on account of theft, fire or any other reasons shall be at our sole risk and responsibility which will be compensated to College for such losses.

**Signature of Bidder**

Full name,

Name and address of bidding firm

<<On the letter head of the Firm>>>>

**List of govt. Organizations /Deptt. (Annexure VI)**

<b>List of Government Organizations for whom the Bidder has undertaken such work during last three years (must be supported with work orders)</b>		
<b>Name of the organization</b>	<b>Name of Contact Person</b>	<b>Contact No. and Email ID</b>

**Signature of Bidder**

**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Firm Name:** \_\_\_\_\_  
**Contact No. :** \_\_\_\_\_

<<<On the letter head of the Firm>>>>

**Price/Financial Bid**

Price /financial Bid for indigenous /imported equipments quoting in INR

S.No.	Description of equipment with year make and model with part number	Qnty.	Unit price	Total Price
1				
2				
3				
	Total 1+2+3+other included items.....			
	Academic discount@.....			
	GST@..... to be paid by College (As applicable against University's DSIR certificate)			
	Delivery charges/Any other charges like insurance , loading etc. FOR SSV P.G. College Hapur			
	Grand Total in Rupees and words . FOR SSV P.G. College Hapur			

**Total bid price in Indian Currency  
In words**

This is certified that the rates quoted above are not more than the rates charged from any other Institution/Department/Organization or quoted on Government e-Marketing (GeM) if above quoted items are available on GeM Portal.

Total bid price should be inclusive of all taxes and levies, transport, loading, unloading etc.

**Delivery Mode:** Delivery at S.S.V.P.G. College Hapur, at site only

**Delivery Time-** 4-5 weeks

**Installation Period:**..... . days/ weeks.

Sign of bidder:\_\_\_\_\_

Date: \_\_\_\_\_

Name of the bidder and firm with seal\_\_\_\_\_

<<<On the letter head of the Firm>>>>

**Price/Financial Bid**

Price /financial Bid for imported equipments quoting in foreign currency

S.No.	Description of equipment with year make and model with part number	Qnty.	Unit price	Total Price
1				
2				
3				
	Total 1+2+3+other included items with Ex. work price			
	Academic discount@			
	Packing, forwarding, airfreight, insurance charges			
	Total CIP price upto .....Airport			
	Custom duty if any (Mention) @.....to be paid by college if applicable against university DSIR certificate.			
	Custom Clearance Charges, Loading, transportation, insurance, unloading, installation etc. up to S.S.V P.G. College Hapur (mentioned otherwise treated invalid)			
	Total cost delivery at S.S.V.P.G. College Hapur			

**Total Bid price in foreign currency:**

**In words:**

This is certified that the rates quoted above are not more than the rates charged from any other Institution/Department/Organization or quoted on Government e-Marketing (GeM) if above quoted items are available on GeM Portal.

Total bid price should be inclusive of all taxes and levies, transport, loading, unloading etc.

**Delivery Mode:** Delivery at S.S.V.P.G. College Hapur, at site only

**Delivery Time-** 4-5 weeks

**Installation Period:**..... .days/weeks.

Sign of bidder:\_\_\_\_\_

Date: \_\_\_\_\_

Name of the bidder and firm with seal\_\_\_\_\_

<<<On the letter head of the Firm>>>>

**Check List (Attach at Top of Technical bid)**

**Name of firm**

**Date.....**

**Tender Ref. Number and S. No.....**

**Name of tender /work**

BIDDERS to indicate whether the following are enclosed/mentioned by striking out the non-relevant option

<b>Envelope-A (Technical-Bid)</b>				
S.No.	Documents Type	Contents	Documents attached Y/N	Page Number
1	<b>Technical Bid</b>	Tender Fees and EMD) in the form of DD attached .		
2		Scanned copy of Firms registration, PAN, GSTIN		
3		Technical compliance Sheet (annexure IB)		
4		Original copy of make, model of all system, subsystems, accessories should be mentioned in the technical bid and complete technical details should be provided in the form of brochures		
5		Tender Acceptance letter ( Annexure-II)		
6		In case of imported equipments copy of Manufacturers Authorization Certificate issued by Principal manufacturers duly verified by Indian agents or manufacturing certificates (Annexure - III)		
7		Details of firm offering quote with supporting documents(annexure- IV)		
8		Warranty of the equipment may also be mentioned (Annexure- V)		
9		List of Govt. organizations/ clients where the same products have been supplied (in last three years) along with their contact number(s). (Annexure-VI)		
10.			Whether each page of tender document signed with company seal	
<b>Envelope-B (Price/Financial -Bid)</b>				
S. No.	Documents Type	Contents	Documents attached Y/N	Page Number
	<b>Financial Bid</b>	<b>Price bid should be submitted as per format</b>		

**Signature of bidder with official seal**

**---End of Tender Document---**