

**GUJARAT VIDYAPITH**  
**ASHRAM ROAD, AHMEDABAD – 380014**  
Phone No : 40016200/ 27540746 Fax No : 27542547  
Website : [www.gujaratvidyapith.org](http://www.gujaratvidyapith.org)

**Sr. No. of Tender: GV/3/2017-18**

**Date – 11/09/2017**

**Name of the Tender – Tender for Scientific Laboratory Equipments for Home Science Department At - Sadra Dist:- Gandhinagar**

Gujarat Vidyapith invites tender through E-tendering for supply of **Laboratory Equipment** for Home Science Department, Gujarat Vidyapith, Sadra, Dist- Gandhinagar. Gujarat.

<b>Last date and time to submit Tender Documents at (n)procure (1)</b>	<b>Last Date and time for Submit the EMD and Hard copy of Technical bid</b>	<b>Date &amp; Place of opening of the tender(Technical Bid)</b>	<b>Tender fee</b>	<b>Amount of EMD</b>	<b>Place of submission of Tender document</b>	<b>Opening of financial Bid</b>
Date :19/09/2017 Tuesday  Up to 5-00 pm	Date.20/09/2017 Wednesday  Up to 4 .00 Pm	Date: 21/09/2017 Thursday At 12-00 pm. Committee room central office, Gujarat vidyapith, Ahmedabad - 14	<b>Rs.1000/- by Gujarat Vidyapith I-Collect Only (Non-refundable)</b>	2 % of Bid Price by Demand Draft, in favour of Registrar, Gujarat Vidyapith. (Refundable)	Central Office, Gujarat Vidyapith, Ahmedabad.	<u>Date- 22/09/2017</u> <u>Friday</u>  (Approx)

## **GENERAL TERMS & CONDITIONS OF THE TENDER**

The tenderer should upload the tender (Financial Bid) on or before **19/09/2017** up to **5:00 PM** and should submit hardcopy of Technical bid in sealed envelope namely **TENDER FOR Scientific Laboratory Equipment for Home Science Department, Sadra along with EMD 2% of Bid Price (by D.D) & Tender fee receipt Rs.1000/- paid through Gujarat vidyapith I Collect by 20/09/2017** up to **4-00 PM** at the Central office of the Gujarat Vidyapith, Ahmedabad.

1. The interested tenderer should give their offer through E-tendering only.  
Website- **www.nprocure.com**
2. The Financial bid of only those bidders who successfully qualifying in technical criteria, under technical bid will be opened. However, if the specification/ configuration of some equipment does not tally and the technical committee doesn't recommend the product and other product are as per requirement, in such case, the prices quoted by the bidder for non-accepted items will not be considered.
3. Technical bid should also contain original copy of Tender documents duly signed and stamped in token of having read and understood all terms and conditions and implications thereof. (Annexure – 1 Undertaking) It should also contain Technical Bid along with copy of all required document and proof.
4. Tender document received late / incomplete without requisite papers and Demand Draft for EMD and receipt of **Gujarat vidyapith I Collect** collect for Tender Fee shall be rejected.
5. The Tender document and other document (as per Annexure-II) signed and stamped by tenderer are submitted with technical bid.
6. It is mandatory to indicate the full name, make/ brand, model number, and detailed specifications/ configurations of the equipment quoted by them, (in addition, a brochure of product information may also be attached along with diagrams figures of picture of the equipment.) Tenderers also have to indicate clearly the Name, Address, Website / E-mail address if any and all Contact number.
7. **Terms of Payment**  
  
100% total order value will be released on the satisfactory report of Installation / verification / inspection of the material by Home Science department against the bill.
8. No tenderer shall withdraw his tender after the tender is opened. If a tenderer does so, such tenderer shall be considered ineligible for future and the amount of the EMD will also be forfeited.
9. Any litigation will be subject to the jurisdiction of the appropriate court at Ahmedabad only.
10. Guarantee / Warranty period should be clearly mentioned.
11. Maximum rebate / discount to the Education Institution, if any, may be mentioned.

12. Gujarat Vidyapith does not pledge himself to accept the lowest tender and reserves the right to accept whole or part of the tender or portion of the quantity offered.
13. Any other document as required by the Gujarat Vidyapith shall have to be produced within 3 (three) days.
14. Authorization :The certificate as to effect that Bidder is an authorized agent/ dealer of manufacturer should be attached.
15. Tenderer will have to give an undertaking that all terms and condition of the tender are acceptable to him.
16. Details of service centers in Gujarat/Ahmedabad should be mentioned.
17. The Financial bid will be evaluated on **Item Wise Cost** as quoted in the Financial bid. The rate should be quoted including all taxes and FOR. At Home Science Department, Gujarat Vidyapith, Sadra, Dist- Gandhinagar. Gujarat. The bidder should quote the prices including all taxes, FOR Sadra including cost of installation if any. The Vidyapith have been registered with the Department of Scientific & Industrial Research (DSIR) for purpose of availing customs duty exemption in terms of Government Notification No.51/96-customs dated 23 July, 1996 and the registration is valid up to 31-08-2019. The bidder should consider the exemption certificate and quote the prices accordingly.
18. The EMD of the successful tenderer will be converted as security deposit to the extent of 2% of the order quantity. The security deposit will be paid after one year of successful installation of the equipment. The EMD of the other tenderer will be returned to bidders within 20 (Twenty) days after finalization of the tender process.
19. The average annual turnover of last three financial year (2014-15 , 2015-16 & 2016-17) should not be less than 20 (Twenty) lakh.
20. The bidder should be have supplied equipment costing Minimum Rs. 5(Five Lakh) to the University or reputed research institute. During last three years.
21. The required quantity mentioned in the technical bid is estimated. The actual requirement may change.

**Signature of the tenderer/agency**

**Name of the tenderer/agency Seal of the tenderer/agency**

**Place:**

**Date:**

**UNDERTAKING**

1. I/we undersigned certify that I have gone through the terms and conditions mentioned in the tender document and undertake to comply with them.
2. I/we give the rights to Gujarat Vidyapith to forfeit the earnest money deposited by me/us if any delay occurs on my / our part or have failed to supply the equipment within the stipulated time or the equipment of desired quality.
3. There is no vigilance /CBI case or court case pending against the Firm.
4. The Firm has not been blacklisted by any Govt. Dept./ Institute/ University in the past.

**Signature of the tenderer**\_\_\_\_\_

**Full Name**\_\_\_\_\_

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

**Seal of the tenderer**

**Place:**

**Date:**

**GUJARAT VIDYAPITH**  
**NR. INCOMETAX OFFICE, ASHRAM ROAD, AHMEDABAD - 380014**

**TECHNICAL BID**  
**Details of the Tenderer**

<b>Name of the Tender</b>																				

<b>Firm type</b>																				
------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

(Like proprietorship / Partnership / Company / others)

**Address**


**Contact No :**

<b>+Land line No.</b>																				
<b>Fax No.</b>																				
<b>Mobile No.</b>																				
<b>Email address</b>																				

**GST No.** \_\_\_\_\_

- The bidder should submit the copy of the GST Registration No.

(1) Tender Fee ( Gujarat vidyapith I Collect ) 1000/- \_\_\_\_\_

(2) E.M.D. (DD No) \_\_\_\_\_

(3) Client's List (Please attach separate sheet showing the client list of Universities / Govt. & semi Govt. offices name and addresses of the department where supply the prescribe the tender item with evidence (P.O / certificate of experience)

Sr. No.	Name of Uni/ Govt. & semi Govt office	Year of Supply	Name of equipment	cost of equipment

(4) Turnover of last three financial year

2014-15 :-

2015-16 :-

2016-17 :-

Please attach copy of the audited annual accounts or a copy of the registered Chartered Accountant.

**Signature of the tenderer/agency**

**Name of the tenderer/agency Seal of the tenderer/agency**

**Place:**

**Date:**

**GUJARAT VIDYAPITH**  
**ASHRAM ROAD, AHMEDABAD – 380014**  
**Phone No.: 40016200 / 27540746 Fax No : 27542547**  
**Website: www.gujaratvidyapith.org**

**Tender No.: GV/3/2017-18**

**Name of the Tender – Tender for Scientific Laboratory Equipments for Home Science Department, Sadra Campus, Dist:- Gandhinagar**

TECHNICAL BID

Sr. No	NAME AND SPECIFICATION OF INSTRUMENTS	Qnt	Specification/ Configuration of equipment quoted by the bidder is fulfilling the requirement Or not (Pls. ✓ , untick before specification)
01	<p><b><u>DIGITAL BALANCE: 0.001 g</u></b></p> <ul style="list-style-type: none"> <li>• With draft shield cover, Brilliant backlit LCD Display, user friendly, with record print out (RS232C and USB) facility, user selectable filter, stability indicator, auto zero</li> <li>• Maximum Load: 320 ± 20.00 g</li> <li>• Readability: 0.001 g</li> <li>• Repeatability: 0.002 g</li> <li>• Linearity: 0.002 g</li> <li>• Pan size(dia.) : 115 mm</li> <li>• Response time: &lt; 3 sec.</li> <li>• Calibration: Internal</li> <li>• Tare range: Maximum balance capacity (Full)</li> <li>• Power: ~230V 50Hz,</li> <li>• <b><u>With draft shield cover.</u></b></li> </ul>	01	
02	<p><b><u>BIONOCULAR MICROSCOPE</u></b></p> <ul style="list-style-type: none"> <li>• Stand &amp; Body: Ergonomic Design for long term comfortable usage. Aluminium die cast body with all critical movements based on ball bearing.</li> <li>• Focusing System: Co-axial coarse &amp; Fine Focusing control on both sides. It should have a upper limit focus stopper preventing contact between objective and specimen in higher magnification. Built in torque adjustable focusing knob</li> <li>• Transmitted Illumination: Long lasting LED illumination</li> <li>• Nosepiece: Quadruple revolving nosepiece based on ball bearing mechanism with positive click stop</li> <li>• Observation Tube: 45° inclined binocular observation tube</li> </ul>	02	

	<ul style="list-style-type: none"> <li>Objectives: Interchangeable and Parfocal Semi Plan Achromat Objectives of 4x/0.10, 10x/0.25, 40x/0.65 (Spring) &amp; 100x/1.25 (Spring, Oil). All optics should be anti fungus treated</li> <li>Condenser: Abbe Condenser with aperture iris diaphragm (NA 1.25) focusable with rack &amp; pinion and continuous variable iris diaphragm with holder for filter.</li> <li>Mechanical Stage: Coaxial low drive Mechanical Stage with stage size of 125 X 145mm and travel range of 50 mm X 76 mm with slide holder.</li> <li>Eyepiece: Paired Widefield eyepiece of 10x having field of view of 18 mm with diopter setting of +/- 5 should be available on one eyepiece position.</li> </ul>																																
03	<p><b><u>WATER DISTILLATION UNIT (water still) (Manestry type)</u></b></p> <ul style="list-style-type: none"> <li>Capacity: 10-12 L per hour</li> <li>Made up of completely high gauge S.S. 304</li> <li>Manestry type, Wall mounting, Wall mounting metal clamp</li> <li>Open type condenser for easy cleaning</li> <li>It should provide continuous supply of Pyrogen free distilled water.</li> <li>Heating: 1500Watt x 3 coil, with separate heavy duty cable.</li> </ul>	01																															
04	<p><b><u>DIGITAL pH METER</u></b></p> <p>High precision pH meter for continuous 0-14 pH reading and milivolts. With CHECK facility</p> <table> <thead> <tr> <th></th> <th><b><u>pH Mode</u></b></th> <th><b><u>mv Mode</u></b></th> </tr> </thead> <tbody> <tr> <td>Range</td> <td>: 0.00 to 14.00 pH</td> <td>0 to 1999 mv</td> </tr> <tr> <td>Resolution</td> <td>: 0.01 pH</td> <td>± 1 mv</td> </tr> <tr> <td>Accuracy</td> <td>: 0.01 pH ± 1 digit</td> <td>1mv ± 1 digit</td> </tr> <tr> <td>Input Impedance</td> <td>:</td> <td>10<sup>12</sup> ohms</td> </tr> <tr> <td>Temperature Control</td> <td>: 0 to 100°C</td> <td>Manual</td> </tr> <tr> <td>Display</td> <td>: 4 digit LED</td> <td></td> </tr> <tr> <td>Polarity &amp; Decimal</td> <td>: Automatic</td> <td></td> </tr> <tr> <td>Supply</td> <td>: 230 V AC ± 10%</td> <td>50Hz</td> </tr> <tr> <td>with Standard accessories (included)</td> <td>: pH electrode, stand, rod, clamp, buffer, dust cover and manual</td> <td></td> </tr> </tbody> </table>		<b><u>pH Mode</u></b>	<b><u>mv Mode</u></b>	Range	: 0.00 to 14.00 pH	0 to 1999 mv	Resolution	: 0.01 pH	± 1 mv	Accuracy	: 0.01 pH ± 1 digit	1mv ± 1 digit	Input Impedance	:	10 <sup>12</sup> ohms	Temperature Control	: 0 to 100°C	Manual	Display	: 4 digit LED		Polarity & Decimal	: Automatic		Supply	: 230 V AC ± 10%	50Hz	with Standard accessories (included)	: pH electrode, stand, rod, clamp, buffer, dust cover and manual		<b>1</b>	
	<b><u>pH Mode</u></b>	<b><u>mv Mode</u></b>																															
Range	: 0.00 to 14.00 pH	0 to 1999 mv																															
Resolution	: 0.01 pH	± 1 mv																															
Accuracy	: 0.01 pH ± 1 digit	1mv ± 1 digit																															
Input Impedance	:	10 <sup>12</sup> ohms																															
Temperature Control	: 0 to 100°C	Manual																															
Display	: 4 digit LED																																
Polarity & Decimal	: Automatic																																
Supply	: 230 V AC ± 10%	50Hz																															
with Standard accessories (included)	: pH electrode, stand, rod, clamp, buffer, dust cover and manual																																
5	<p><b><u>WATER BATH CIRCULATING, SEROLOGICAL TYPE</u></b> <b><u>(Size: 15"X 12"X 10")</u></b></p> <p>Chamber (Inside working or completely utilizable space,</p>	<b>1</b>																															

	<p>exclusive heating device space): size is <b><u>15"X 12"X 10"</u></b>, with perforated flat bottom.</p> <p>Water circulation: With water circulating motor-1400 rpm</p> <p>Complete S.S. (Inner S.S. &amp; outer S.S.), Made up of completely high gauge S.S 304, Double walled in construction, Highly insulated between two walls</p> <p>Temperature control: PPI make, PID microprocessor controller cum indicator with 0.1 Resolution for set and process value, with temperature accuracy <math>\pm 0.5-1.0^{\circ}\text{C}</math>, thermostatic.</p> <p>Temperature above ambient to <math>99^{\circ}\text{C}</math></p> <p>Long lasting kettle element</p> <p>With leak proof S.S. cover with heat proof handles, perforated a hole to insert thermometer to manual validate temperature.</p>		
6	<p><b><u>VORTEX SHAKER</u></b></p> <p>Compact design, rugged construction, heavy metal base and rubber feet to prevent movement during shaking,</p> <p>Operation mode: continuous and touch mode,</p> <p>Variable speed control,</p> <p>Maximum speed: 3000rpm</p> <p>With 90-100 mm universal top plate attachment, spare cup attachment, spare micro tube insert</p>	1	
7	<p><b><u>HOT PLATE MAGNETIC STIRRER</u></b></p> <p>Top plate size: 18 X 18 cm, Max. load: 11 kg, Max Capacity: 5 Liter</p> <p>Top plate Material : Acid and alkali resist Ceramic top, easy to clean and maintain</p> <p>Electronic speed control from 100-1000 rpm</p> <p>Temperature range: <math>150^{\circ}\text{C}</math> to <math>500^{\circ}\text{C}</math> (Energy regulator)</p>	1	
8	<p><b><u>VOLTAGE SERVO STABILIZER/ CORRECTOR (SINGLE PHASE)- 5 KVA:</u></b></p> <p>Suitable to supply stable voltage for scientific instruments. Sense from the voltage and compare with reference voltage. Proportionally move to auto transformer's wiper to buck or boost input voltage and to maintain output voltage.</p> <p>Capacity: 5 KVA (15 Amp.)</p> <p>Features: With latest electronic solid state technology.</p> <p>Input: 170 V to 270 VAC, Single phase</p> <p>Output: <math>220\text{V} \pm 2\%</math> VAC, Single phase</p> <p>Frequency: 50Hz</p> <p>Facility: 0-300 Voltmeter, M.C.B., O/P Socket, 5/15 Amp.- 2 Nos. I/P 3 Core cable, ON-LOW-HIGH-TRIP INDICATION, Fine Adj. O/P Pot, Dimmer make-Anex/Amsa</p>	1	



9	<b><u>Bag Sealing machine/ Manual Hand sealing machine for Plastic and HDPE bags-</u></b> Size: 16"/400MM	1	
10	<b><u>Moisture Analyzer</u></b> -( Halogen radiation drying technology) Capacity: 110 g, Accuracy/ Readability in (g) and % : 0.005g and 5%, Pan Size: 90mm, Halogen radiation drying technology, Temperature range: 150°C	1	
11	<b><u>Vacuum pump- Oil free Double diaphragm type</u></b> Diaphragm vacuum pump, Motor 1/3 HP, Volt/Hertz/Phase: 230/50/1, Vacuum, maximum vacuum performance: 7710 MM/Hg, Max pressure in 9 PSIG	1	
12	<b><u>Desiccator Vacuum</u></b> Thick walled vacuum desiccator , It can hold a vacuum 29 inch of mercury for 24 h without grease application. With three way PP stopcock has a teflon key and the port accepts 6.35 mm id for vacuum suction. Size: 300 mm Flange OD of base 335 mm Inside diameter: 296 mm P.P. Plate O.D. 290 mm Total height: 383 mm	1	
13	<b><u>Heating mantle:</u></b> Mantle knitted from fiber glass yarn, well insulation to prevent heat loss, Efficient heating with energy regulator, Capacity: 500 mL, Rating 200	2	
14	<b><u>Conductivity meter:</u></b> Frequency Source: In built automatically selected Selected range: 0-20 $\mu$ s, 200 $\mu$ s, 2 $\mu$ s and 200ms/cms Measuring Accuracy: $\pm$ 1% of F.S. In all ranges $\pm$ 1 count Indication: 3.5 Digit LED Calibration : Singlepoint manually, Decimal: Automatic selection Conductivity cell: Approx. 1.0 cell constant with plastic protective cover	1	
15	<b><u>Refractometer- ABBE Digital</u></b> <ul style="list-style-type: none"> <li>• Measurement of refractive index of transparent, translucent liquid and solid substances. Measurement of % of solids in sugar solution. Automatic temperature correction of brix. RS232 interface. Backlight LCD. Prism made up of hardglass.</li> <li>• Measuring range: Refractive Index nD: 1.3000 to 1.7000, Brix: 0-95%</li> <li>• Accuracy: R.I. nD <math>\pm</math> 0.0002, Brix: <math>\pm</math> 0.1%</li> <li>• Range of temperature display: 0 to 50°, For brix value- 15-45°</li> <li>• Power supply: 220V <math>\pm</math> 10%, 50Hz</li> </ul>	1	

<p><b>16</b></p>	<p><b>Electronic Digital micrometer</b> Line direct readout digital micrometer, measure both in mm and inch, Least count 0.001 mm(0.00005”), Caride measuring faces, Range: 025mm, Accuracy: 0.004 mm</p>	<p><b>1</b></p>	
<p><b>17</b></p>	<p><b>DVE Viscometer</b> Keypad control, sharp viewing screen, direct reading of viscosity without calculation, Display info: Viscosity,% Torque, Speed/spindle; 18 spped, bubble level, Accuracy: ±1.0% of range, Repeatability: ±0.2%, Compatible with all Brookfield accessories, Instrument with all require spindles, spindle Guard leg, Lab stand, Carring case, Should be suitable for medium viscosity range: Min. 100 cP (Millipascal*second) – Max.13M (million), Sprinnng Torue: 14374.0, RPM: 0.3-100, Number of Increments: 18</p>	<p><b>1</b></p>	

**Signature of the tenderer/agency**

**Name of the tenderer/agency**

**Seal of the tenderer/agency**

**Place:**

**Date:**