



ST. TERESA'S COLLEGE (Autonomous)

College with Potential for Excellence
Nationally Re-Accredited at 'A' Level
(Affiliated to Mahatma Gandhi University, Kottayam)
Ernakulam, Kochi-682011, Kerala, India
Phone: Office (0484) 2351870, 2381312, Fax: 2352525
E-mail: - principal@teresas.ac.in, web: www.teresas.ac.in

No- STC/PD/TEND-18/2018

dated -20/12/2018

TENDER NOTICE

Sealed competitive tenders, super scribed "**Tender for the supply of Lab Equipment's, Chemicals, Glassware's and Consumables**" for the use of the Physics, Zoology, Botany, Chemistry & Home Science Department of the College under the PD Schemes, are invited so as to reach the office of the undersigned not later than 2.p.m. on 07-01-2019

Earnest Money Deposit (EMD), calculated @1% of the Purchase Assessment Cost (PAC), should be paid by the firm. Tenders will be opened at 3.p.m. on 07/01/2019 in presence of available bidders or their authorized representatives. The EMD should be furnished in the form of D.D. in favor of the Principal, St. Teresa's College (Autonomous), Ernakulam payable at Indian Bank, Ernakulam, Broadway branch, along with sealed tenders.

For ensuring the guarantee, terms and conditions, etc. relating to the articles supplied, a written Agreement must be submitted by the firm. Qualified bidder should submit 5% of PAC as Security Deposit. The detailed tender notice is available at the College official website, www.teresas.ac.in (Specifications attached)

Tender form and other details can be had from the College office on all working days, by paying the Tender cost of Rs **1000/-**. The cost of tender form is not refundable. All the rules/regulations applicable to government tenders will be applicable here also. Further details can be obtained from the office of the undersigned during office hours. The tender documents should contain :

1. Prescribed tender form, duly signed and sealed
2. Earnest Money Deposit
3. Preliminary Agreement
4. Detailed technical specifications
5. Original brochure and literature supporting technical specifications
6. List of installations in Kerala
7. Details of service facility in Kerala
8. Compliance to payment condition
9. Delivery period and place of delivery
10. Warranty
11. Training details, if any
12. Price of the equipment and its accessories
13. AMC details
14. Price list of essential spare parts

Specifications

LIST OF ITEMS TO BE PURCHASED – PD ACCOUNT 2018

DEPARTMENT NAME- HOME SCIENCE

No:	Item	Specifications	Unit/Quantity
1.	Chloroform	500ml	2
2.	Furfural Solution	500ml	1
3.	Diethyl Ether	500ml	1
4.	Petroleum Ether	500ml	2
5.	Petroleum Ether	500ml	2
6.	Aniline Chloride	500ml	1
7.	Hydrogen Peroxide	500ml	1
8.	Dimethyl Amino Benzaldehyde(DAMB)	500ml	1
9.	Potassium persulphate	500gm	1
10.	Potassium Thiocyanate	500gm	1
11.	Sulphuric Acid	500ml	2
12.	Sodium Sulphite	500gm	1
13.	Amino Naphthol Sulphonic Acid	25gm	1
14.	Sodium Hydroxide	500gm	1
15.	Acetone	500ml	1
16.	Copper Sulphate	500gm	1
17.	Benedicts qualitative reagent	500ml	2
18.	Benedicts quantitative reagent	500ml	2
19.	Barfoed's Reagent	100ml	1

20.	Fehlings A solution	500ml	2
21.	Fehlings B solution	500ml	2
22.	Millon's Reagent	125ml	1
23.	D Galactose	25gm	1
24.	Whatmann No 1 filter paper	2	2 packets
25.	Ammonium Molybdate	100gm	1
26.	Calcium Nitrate	500gm	1
27.	Ammonium Oxalate	500gm	1
28.	Ammonium Hydroxide	500gm	1
29.	Maltose monohydrate	250gm	1
30.	Sodium Acetate	500gm	1
31.	Copper Sulphate	500gm	1
32.	Molish's Reagent	125ml	1
33.	Potassium Hydroxide	500gm	1
	Glassware		
34.	Brown Reagent Bottle	500ml	5 nos
35.	Dropper	-	25 nos
	Equipment		
36.	Electronic weighing balance 0.1 mg sensitive	0.1 mg sensitive	1 no

DEPARTMENT NAME-CHEMISTRY

	Equipment's		
1.	Hydrothermal Autoclave Reactor	Safe Temperature: - 200-260°C Working Pressure: ≤ 3MPa Material: Shell made of high-quality stainless steel Inner Shell - Teflon or PTFE liner Capacity-50ml	1
2.	Ultra Sonicator	with SS Body 2 Ltr with heater and wire basket	1
3.	Vaccum Filtration Unit	Portable oil free Vacuum Pump 1/16hp Single Stage, 15 Ltr Capacity with Moisture Trap & Vacuum filtration complete setup Borosilicate glass with fritted glass filter base, base integral vacuum connection,	1

		Complete Glass Parts Except Spring Clamp & Silicon Grease	
4.	Vortex mixer	with touch operation variable speed control from 0-2500rpm used for various mixing application with optional adapters specially designed vacuum suction feet for body stable Robust aluminium cast construction. 60W inverter, 4mm diameter shaded pole motor, temperature 5-40 degree	1
5.	Digital Magnetic Hot plate with stirrer	Temperature up to 300°C Rotation 50-1500 rpm	1

DEPARTMENT NAME-BOTANY

	Chemicals		
1.	Gram Staining Kit	set	2
2.	Rezasurin Dye	5gm	1
	Equipments		
3	Refrigerator	300 Frost Free; Double Door	1
4	Mini Vortex Mixer	Speed- 300-3200 rpm	1
5	Water Bath	Digital; 2 to 100°C; Accuracy+- 0.1°C; For holding test tube/ Beaker/ Conical Flask	1
6.	Digital Balance	With wind shield; weighing 10 mg to 500 gm	1
7	Clevenger Apparatus	1000 ml Capacity	1
8	Microwave Oven	Capacity 20 L	1
9	Colorimeter	Digital Display; 420-680nm	1

DEPARTMENT NAME- ZOOLOGY

	Equipments		
1	Microscope	Quadruple revolving nosepiece, Achromatic objectives 4x, 10x, 40x, 100x, Built-in LED Illumination, External power supply module for easy exchange/replacement	3
2	Occular Micrometer	-	10
3	Stage Micrometer	-	10

4	Haemoglobinometer	-	5
	Glassware's		
5	Conical Flask	Graduated, N/M, Capacity: 250ml, Approx. O.D. x Height: 85x145mm, Approx. Neck O.D.: 34mm	15
6	Conical Flask	Graduated, N/M, Capacity: 500ml, Approx. O.D. x Height: 104x180mm, Approx. Neck O.D.: 38mm	10
7	Beaker	with spout, graduated, Capacity: 500ml, Approx O.DxHeight.:83x115mm	5
8	Beaker	with spout, graduated, Capacity: 250ml, Approx O.DxHeight.:70x95mm	5
9	Beaker	with spout, graduated, Capacity: 100ml, Approx O.DxHeight.:50x70mm	5
10	Beaker	with spout, graduated, Capacity: 50ml, Approx O.DxHeight.:42x60mm	5
11	BOD bottle	250ml	20
12	RBC diluting fluid	500ml	2
13	WBC diluting fluid	500ml	1
14	Test tube	Test tube with Rim, 15x150mm, (approx) 15ml	100
15	Test tube stand (aluminium)	15mm, 12 holes	10
16	Sodium citrate	500 ml	2
17	Specimen bottle	With Bakelite cap, 1000ml	10
18	Specimen bottle	With Bakelite cap, 500ml	10
19	Specimen bottle	With Bakelite cap, 250ml	10
20		500ml	5

	Wash bottle		
21	Absorbent cotton		10
22	Petriplate	Approx. O.D.xHeight: 100x15mm	50

DEPARTMENT NAME- PHYSICS

	Equipment's		
1	Small angled prism		5
2	High Quality AC Sonometer	in Teak Ply with Brass Fittings , 6v 2amp Power Supply with Electromagnet and Stand for Electromagnet	2
3	Box Vibration Magnetometer	Box Vibration Magnetometer Superior In Brass parts and Teak Wood	2
4	Deflection Magnetometer with compass box	Good quality deflection magnetometer in Teak Wood, with compass box	1
5	25 mm diameter spheres with hook made of brass	Good quality brass sphere set of 12 mm, 18 mm, and 25 mm diameters with hook	1
6	Lead shot/ Lead balls	Good Quality	1
7	STEAD make rheostat	Good quality STEAD make rheostat , 4.5cm Dia and 30cm Long with Metal Part	1
8	Crocodile Clip (pair)	Good Quality Crocodile Clip (pair)	2
9	CRO Probe	Good Quality CRO Probe MX Make Molded	2
10	Voltmeter 0-1 V, Least Count -0.02 V	Good Quality Wide Dial, more sensitive, Voltmeter 0-1 V Least count 0.2 V	4
11	Oil bath	Capacity- 2 litre Double walled Maximum Temperature-250 ⁰ C with microcontroller base digital display Double Walled Geared Motor with shaft	1
12	Heating Mantle	Power Consumption:220v Temperature 350 ⁰ c Size:1000ml	1
13	Sonicator	Tank Capacity- 4 liters Control type - Digital Ultrasonic Frequency - 40±3 KHz Display -Yes	1
14	Magnetic stirrer without hot plate	Stirring capacity – 500ml Rpm 1250	2

15	Magnetic stirrer with hot plate	Stirring capacity – 500ml Temperature – 300°C Rpm 1250	1
	Chemicals		
16	Acetone	500ml	1
17	Fluorescein dye	1gm	1

Sealed Envelope containing tenders shall be addressed to ***The Principal, St. Teresa's College (Autonomous), Ernakulam - 682011***

Conditions

1. The quoted price should be inclusive of all taxes/freight/installation etc. Customs/Excise Duty Exempted price should also be quoted.
2. The Tenders should have at least Three Months validity.
3. Brochure of different models quoted should be enclosed.
4. Warranty, AMC conditions, nearest servicing centers details, user reference, necessary supporting catalogues and demonstration should be provided.
5. The right to accept or reject tenders without assigning any reason rests entirely with the Principal, St. Teresa's College (Autonomous), Ernakulam.
6. If the product has a Valid DGS & D Rate contract, it may be quoted.
7. If the date of receipt and opening of tenders is declared a holiday, the next working day shall be the last day for the purpose.

SD/-

Principal,
St. Teresa's College (Autonomous),
Ernakulam – 682011

OTHER TERMS & CONDITIONS

1. The tender form with detailed specifications and terms and conditions may be had from the college office during working days (10.00 a.m. to 4.00 p.m.) Please quote the tender/s with specified tender number.
2. The completed tender forms along with 1% of the quoted amount as EMD in the form of a separate demand draft as indicated above drawn in favour of Principal, St. Teresa's College (Autonomous), Ernakulam, and an agreement (Annexure-I) in Kerala stamp paper worth Rs.200/- should be submitted. The format of the agreement is available in the STC website.
3. The bidder should give the detailed specifications of the type and capacity of the proposed equipments.
4. The equipments of foreign origin are to be quoted in foreign exchange terms and supplied according to the international trade terms. The ability of the party to supply the equipment of foreign origin and installation in the college is to be mentioned. Whether the quoted price includes air port duty, clearance charges etc. is to be mentioned clearly. If not, the expected charges are to be mentioned. The price against the production/non-production of customs duty exemption certificate is to be quoted separately.
5. Vendors to be cleared the instrument from airport and delivered to the College. Necessary customs duty exemptions papers will be issued from the college for clearing from airport.
6. Installation and demonstration etc. at the college should be done by the supplier free of cost.
7. All consumable and spares required for the satisfactory running of the equipment during the warranty period has to be born by the bidder.
8. The bidder should provide necessary certificate of having executed similar supply previously along with the tender.
9. Training: In order to fully and optimally utilize the equipment, necessary onsite training should be given to the concerned faculty member(s) if necessary, free cost.
10. Number of trained engineers available in Kerala and nearest service station etc. shall be mentioned.
11. The Earnest Money Deposit of all unselected tenders will be refunded within a short time after the tenders are opened. EMD of the successful bidders will be refunded immediately after the successful completion of the warranty period/Defect Liability period. No interest will be allowed on the earnest money remitted and no claim shall be entertained against the Principal, St. Teresa's College (Autonomous), Ernakulam (herein after called 'THE PRINCIPAL') in respect of the same.

12. The bidder to whom tender has been awarded should deposit a security amount of 5% of the cost as demand draft in favour of Principal, St. Teresa's College (Autonomous), Ernakulam and an agreement in Kerala stamp paper worth Rs.100/-. The format of the agreement is available in the STC website (Annexure-II). The security will be released only after satisfactory performance during the warranty period.
13. Payment Terms: Total value will be released after successful commissioning and acceptance by the end user through bank.
14. Branded models of the reputed firms will be given preference over others.
15. The exact specifications, details of make, model number, name of manufacturer etc. of the equipment offered must be clearly specified. Copies of detailed technical literature and illustrated brochures of the units quoted are to be included along with the offer. Offers without these are liable to be rejected. List of users giving the exact address of the contact persons and the model number of the units available at these locations have to be provided.
16. Instrument operating manual have to be provided along with the supply.
17. Details of warranty offered should be clearly stated in the tender. Details of maintenance service contract offered after expiry of normal warranty and after-sales service facilities available should be indicated.
18. Customs duty percentage and the CIF price on which it is based should be clearly specified in the tender and if the customs duty exemption certificate is produced the corresponding amount or the actual duty paid whichever is higher will be deducted from the bill. If the bill is actually paid, the tenderer should refund the amount to the PRINCIPAL.
19. The tenderer should verify and make sure that the claims made by them against items towards sales tax, customs duty, excise duty etc. are not more than those permissible under the provisions of the laws in force, and that they will refund any excess claims admitted in this respect.
20. The tenderer should quote their rate against the equipment including all the taxes.
21. The offers should be kept open for a period of three months from the date of opening tenders. Acceptance of the offers will be intimated to the successful tenderers within that period. Tenderers will however, be given the option to keep their offers open for a further agreed period if there be any delay in intimating the acceptance.
22. Delivery period: The equipment and its accessories should be completely supplied, installed and commissioning to the satisfaction of the college within the 30 days from the date of supply order or date of L/C whichever is later.
23. The rates of terms of AMC (both comprehensive and labour AMC amounts will be taken into consideration for final selection.
24. The successful tenderer should execute an agreement for the fulfillment of the contract in the stamp paper within 15 days from the date of acceptance of the tender. The expenses incidental to the executing of agreement shall be borne by the successful tenderer.

25. Tenders not containing above information strictly in the required manner are liable for rejection.
26. The undersigned reserves the authority to accept or reject any or all of the offers for any particular item without assigning any reason whatsoever.
27. The Principal reserves the right to vary the quantity of articles notified on account of budgetary constraints. The vendor must be prepared to supply even if order is placed for a lesser number than that notified in this quotation notice.
28. All the rules and regulations applicable to Government tenders will be applicable to this tender also.

Principal
St. Teresa's College (Autonomous)
Ernakulam -682011