



P.G. DEPARTMENT OF CHEMISTRY

UTKAL UNIVERSITY, VANI VIHAR,

BHUBANESWAR 751004, ODISHA

Email: headchemuu@gmail.com

No.: CH/416/2022

Date: 16.02.2022

TENDER CALL NOTICE

Sealed tenders are invited by the undersigned from the reputed manufacturers/authorized dealers, GEM rate contract holder for purchase of following items

1. Chemicals , Glass wares, laboratory wares, Plastic wares
2. Digital balance
3. Distillation setup
4. Vacuum pump
5. Melting point apparatus
6. Conductivity meter
7. pH meter
8. BOD incubator
9. Rotary evaporator
10. UV-Vis spectrophotometer (indigenous)
11. Visible spectrophotometer
12. Electrode replacement for pH and conductivity meter
13. Split air conditioner

for Dept. of chemistry under WB-OHEPEE and laboratory development fund. The sealed tender should reach the undersigned by **03. 03.2022 up to 5.00 PM** through registered/speed post. The tender will be opened on **05.03.2022 at 3.00 PM** at Dept. of Chemistry in the presence of tenderers or their authorized representatives. All the documents such as EMD of 1% of the estimated cost of the equipment value or minimum of ₹1000.00, GST certificates along with literature/brochure should be enclosed, failing which the tender will be cancelled. The details of items, specifications and other terms and conditions can be obtained from the undersigned on payment of INR 500.00 (nonrefundable) from 17.02.2022 between 11.00 AM to 5.00 PM on or before 02.03.2022 (5.00 PM) or can be downloaded from website www.utkaluniversity.nic.in. Form downloaded from website must accompany ₹500.00 towards cost of tender paper. Payment of EMD and purchase of tender paper will be through bank draft drawn in favour of "**Head, Dept of Chemistry**" payable at Bhubaneswar. The authority reserves the right to cancel the tender at anytime without assigning any reason thereof.

Eligibility Criteria:

1. Tenders are to be submitted in the prescribed format (enclosed) in the tender paper along with EMD/security amount (1 %) of the approximate cost of equipment value or minimum of ₹1000/- (Rupees one thousand) only as mentioned in the tender paper drawn in favour of the **“Head, Dept of Chemistry”** in shape of a Bank Draft drawn on any nationalized bank payable at Bhubaneswar.
No cash payment shall be received in this regard.
2. Tender forms are not transferable.
3. Bids have to be given in the desired format separately to supply the equipment with accessories.
Bids should be submitted along-with the following documents:
 - (i) Sales Tax, Income Tax, GST Certificate or the Excise License etc. necessary for items.
 - (ii) Non-assessment Certificate in case of Dealers / Stockist outside the state of Odisha.
 - (iii) Authorization Certificate from the Company otherwise quotations will be rejected.
 - (iv) **All rates in INR should be inclusive of all taxes and F.O.R destination (P.G. Department of Chemistry, Utkal University, Bhubaneswar).**
 - (v) Installation charges, Delivery, Packing, forwarding charges etc. should be included in quoted price and no extra cost will be entertained after delivery.

N.B

1. Last date for submission of sealed tender paper through speed/ registered post is **03. 03. 2022 up to 5.00 p.m.** in the office of the Head, Dept. of Chemistry, Utkal University, Bhubaneswar.
2. Bank Guarantee for EMD is not valid.
3. The authority may cancel the tender as a whole or a part without assigning any reason thereof.
4. All supplies have to be made within 30 (thirty) days of the confirmed order received by the firm otherwise the order shall be treated as cancelled.
5. EMD of the parties whose Tender is not accepted will be refunded on submission of a stamped receipt.
6. Exemption in price (if any) under production of DSIR certificate should be indicated.
7. Filled tender paper must contain all specifications, terms and conditions in a systematic manner and should not leave anything guessing to the undersigned.

Head
Dept. of Chemistry
Utkal University

1. Chemicals /Glasswares/laboratory wares/Plastic wares
TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and

Date:.....)

EMD/Security Amount: Rs.....(Rupees

.....) only in shape of D.D in favour of “*Head, Dept of Chemistry*”

D.D No..... Dated:.....

Sl. No.	Name of the item and specifications	Discount(%) Quote the % of discount on catalogue prices	Remark
1.	<p>A. Chemicals GR/LR/AR Grade Chemicals are required for Research purpose from the following Manufacturers</p> <p>1. Aldrich 15. Thomas baker 2. Finar 16. Leonid 3. Thermo Fisher scientific 4. Himedia 5. Merck 6. Qualigen 7. SRL 8. TCI 9. Rankem 10. Pallav 11. Avantor 12. SD fine 13. NICE 14. Avra</p> <p>% of discount on printed catalogue price against various manufacturers for above mentioned items to be quoted.</p>		

Signature of the Manufacturer
/Authorized Dealer with seal

Sl. No.	Name of the item and specifications	Discount(%) Quote the % of discount on catalogue prices	Remark
	<p>B. Glassware</p> <ol style="list-style-type: none"> 1. Borosil 2. RFCL 3. ASGI 4. Riviera 5. Religlas <p>C. Laboratory Ware</p> <ol style="list-style-type: none"> 1. Himedia 2. Tarson 3. Fisher 4. Equitron 5. Genaxy 6. Axiva 7. Praveen Scientific Corporation <p>D. Plastic ware</p> <ol style="list-style-type: none"> 1. Tarson 2. Merck 3. Himedia 4. Polylab 5. Genaxy 6. Kasablanka 7. Axiva <p>% of discount on printed catalogue price against various manufacturers for above mentioned items to be quoted.</p>		

Signature of the Manufacturer
/Authorized Dealer with seal

2. Electronic Balance (Single pan)
TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees)

only in shape of D.D in favour of “*Head, Dept of Chemistry*”,

D.D No..... Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	<p>Make : Model: Capacity : 300g Readability : 0.01g(10 mg) Repeatability (±) : 0.01 g Linearity (±) : 0.02g Pan size : 120φ mm Display : Green LED Calibration : Automatic External Tare Range : full Operating Temperature : 10°C to 40°C Power Supply : AC 220V/50-60 HZ Dimension (L×W×H)mm : 330×240×120 Weight : 2.2 kg Salient Features :</p> <ul style="list-style-type: none"> • Green LED, Front & Back Display • Low Battery Indicator. • Multifunction Weighing Units. • Auto zero tracking. • In built rechargeable battery for continues use. • RS232 Interface 			

Signature of the Manufacturer
/Authorized Dealer

3. Distillation Setup

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees)

only in shape of D.D in favour of "*Head, Dept of Chemistry*",

D.D No..... Date.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	Single Distillation Glass Unit with Power Supply (DAPS) Make: Borosil Model: 3361042 Dist. Water output Capacity (Apx)(Ltr/hr): 2.5 -3.0 Minimum Cooling water requirement (Ltr/min): 1.5-2.0 Conductivity (s/cm): $<3 \times 10^{-6}$ Distillation temperature($^{\circ}$ C): 65-75 $^{\circ}$ C Voltage: 230-250V Biological Activity: Pyrogen Free Heater: Quartz Boiler: Borosilicate glass Condenser: Borosilicate glass			

Signature of the Manufacturer
/Authorized Dealer with seal

4. Vacuum Pump

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only

in shape of D.D in favour of "*Head, Dept of Chemistry*"

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	Make: Model: Cat No: Compact light Aluminium die cast construction Oil free, piston powered. Power: 220V 50Hz Max. Power(W): 60 Max Vacuum: -670mm/Hg Max flow Rare: 18L/min Motor Rotation: 1450RPM Horse Power: 1/8 HP Net Wt.: 4.1 kg Port. Thread: 5/16" Noise Level: 50dB			

Signature of the Manufacturer
/Authorized Dealer with seal

5. Melting Point Apparatus

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only

in shape of D.D in favour of “*Head, Dept of Chemistry*”

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	Make : Model : Interior: Aluminium Wattage: 10 -12 W Approx. Power consumption: 220/230V AC±10% Single phase 50HZ. Control panel: ER Mains &Heating indicator, Mains <ul style="list-style-type: none">• Temperature range is up to360°C.• Feature low/high provision Energy Regulator.• Aluminium casted body.• Outer casing MS Sheet duly painted having provision for capillary and Thermometer for testing.• Supplied with glass capillary• Also available in digital model			

Signature of the Manufacturer
/Authorized Dealer with seal

6. Conductivity Meter

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only
in shape of D.D in favour of "*Head, Dept of Chemistry*"

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	CONDUCTIVITY METER Make : Model : Type : Automatic μ C Based with Temperature Compensation. Measuring Mode : Conductivity, Temperature: Room temp Conductivity : 0.1 μ S to 200Ms TDS : No Accuracy : Conductivity \pm 1% of FS \pm 1 Digit. Display : LED Digital Accessories : Conductivity cell with cell constant 1 & 0.1 Temp. Probe stand & Clamp			

Signature of the Manufacturer
/Authorized Dealer with seal

7. pH-METER

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only
in shape of D.D in favour of “*Head, Dept of Chemistry*”

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	Make : Model : Type : Automatic μ C based Measuring Mode : pH, Milli volt, Temperature Accuracy : ± 0.02 pH, ± 1 Digit Standard Calibration : 3-Point Calibration Calibration Backup : YES Data Backup : NO Milli volt Accuracy : ± 1 mv, ± 1 Digit Display : LED Digital Accessories : pH electrode Temp. Probes stand, Buffer Tablets of different pH ranges.			

Signature of the Manufacturer
/Authorized Dealer with seal

8. BOD Incubator

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only

in shape of D.D in favour of "*Head, Dept of Chemistry*"

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	<p style="text-align: center;">BOD Incubator</p> <p>Make : Model : Capacity : 112 ltrs. Interior : 455×410×610 4 cuft. Heater wattage ; 250W Shelves : 2 Temp. Range : 5°C to 60°C Temp. stability: ±0.5°C Material : CRC/ Mild steel sheet with Powder coated. Refrigerant : R134</p> <ul style="list-style-type: none">• Refrigerated Insulation & Freezing in one unit.• Puf Insulated to keep the surface temp. of body comfortable and avoid cooling loss.• Silent energy saving Kirloskar/Tecumseh compressor, Designed to circulate uniform air throughout the chamber with better imported coil condenser copper coil, improved Temperature distribution.• Polish 304 grade S. Steel interior corrosion resistant long life operation having adjustable shelves to make more space for different Heights.• Kanthal A-1 tubular heater is fitted for better accuracy .• Safety controller are provide with the Digital			

	<p>Temperature controller cum indicator.</p> <ul style="list-style-type: none"> • Full features with Digital Temperature controller Cum Indicator & with Digital Voltmeter. • Choose among the model with window front glass door or inner Perspex/Acrylic sheet full view door to observe the Test. • Process inside the incubator as desired while keep temperature uninterrupted. • Angle Iron Frame at bottom with Castor wheel for easy movement. • Fitted with 2 nos. Fan (One for cooling & one for Heating inside the chamber). 			
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Signature of the Manufacturer
/Authorized Dealer with seal

9. Rotary Vacuum Evaporator

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only

in shape of D.D in favour of “*Head, Dept of Chemistry*”

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	<p>Rotary Vacuum Evaporator Capacity: Available in size 1- 3 Litre</p> <ul style="list-style-type: none">• Drive unit with F.H.P Motor, Speed Regulator, Working on 220V A.C. 50 cycles, 1Phase.• Heavy cast stand with steel rod.• Evaporating Flask 1ltr. With Standard B29 joint.• Glass ducts all glass connector cone with B29, connected with evaporating flask and protrudes in the condenser.• With clip to hold the evaporating flask with glass duct.• Double coil condenser for water circulation, fitted with vacuum connection and standard S35, ball joint with receiving flask with condenser.• Receiving flask 1ltr. Capacity with standard S35 joint.• Ball joint clamp : to hold the Receiving flask with condenser.• High vacuum cock: Two-way stop for the feeding Tube and vacuum release feed tube.• Water bath thermostat controller.			

Signature of the Manufacturer
/Authorized Dealer with seal

10. UV-Visible Spectrophotometer

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only
in shape of D.D in favour of "*Head, Dept of Chemistry*"

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	UV-VISIBLE SPECTROPHOTOMETER Make : Model : Operation: PC Based Double Beam Wavelength Range: 200-1100 nm Spectral Bandwidth: 2 nm Stray Light: $\leq 0.05\%$ Wavelength Accuracy: ± 0.5 nm Wavelength Resolution: 0.1 nm Measurement Mode: Abs, %T, Conc. Photometric Range : Abs: -2.500 to 2.500, Conc: 0.000 to 9999 Baseline Flatness: ± 0.002 Abs with stability 0.003 Abs/h Detector: Silicon photodiode Sample Holder: 5-position Automatic Sample Holder			

Signature of the Manufacturer
/Authorized Dealer with seal

11. Visible Spectrophotometer

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only
in shape of D.D in favour of "*Head, Dept of Chemistry*"

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	SINGLE BEAM VISIBLE SPECTROPHOTOMETER Make : Model : Microcontroller Based visible spectrophotometer with 2-position sample holder Wavelength Range: 340-960 nm Spectral Bandwidth: 5 nm Wavelength Accuracy: ± 5 nm Wavelength Resolution: 5 nm Measurement Mode: Abs, %T, Conc. Photometric Range : Abs: -0.3 to 2.500, Conc: 0.000 to 9999 Detector: Silicon photodiode Sample Holder: 2-position Automatic Sample Holder			

Signature of the Manufacturer
/Authorized Dealer with seal

12. Electrode for pH and Conductivity meter

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only
in shape of D.D in favour of "*Head, Dept of Chemistry*"

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	Electrode for pH and Conductivity meter Systronics Digital pH meter 335 Systronics Conductivity meter 304			

Signature of the Manufacturer
/Authorized Dealer with seal

13. Air conditioner

TENDER FORMAT

Dated:

Tender Form No:

From:

M/S _____

To

Head

P.G. Department of Chemistry,

Utkal University, Vani Vihar, Bhubaneswar-751 004

Sub: Supply of _____

Ref. Advertisement (name of the Newspaper and Date:.....)

EMD/Security Amount: Rs.....(Rupees) only
in shape of D.D in favour of "*Head, Dept of Chemistry*"

D.D No.....Dated:.....

Sl. No.	Name of the item and specifications	Unit cost in total (F.O.R.) in INR	Discount (if any)	Remark
1.	Air conditioner Type: split air conditioner Capacity: 1.5 ton Energy efficiency- 3 star/5 star Condenser coil: copper Compressor: rotary or equivalent Remote control Stabiliser as per requirement for Air conditioner			

Signature of the Manufacturer
/Authorized Dealer with seal