

VEER SURENDRA SAI UNIVERSITY OF
TECHNOLOGY, BURLA
Sambalpur, Odisha-768018

QUOTATION CALL NOTICE

No.VSSUT/265 Dated 29/04/2014

Sealed quotations are hereby invited from all registered firms/suppliers /dealers having up-to-date income tax and sale tax clearance and interested in supply of **High temperature furnaces(Muffle furnace upto 1100C and tubular furnace upto 1500 C), Weighing balance, Hydraulic press: KBr press, Ball milling machine, Laptop and printer & chemicals** on the terms and conditions of the university. The sealed quotations shall reach the H.O.D. Physics within the office hour of **17th May 2014**.

For details visit the website: **www.vssut.ac.in**

Sd/-

Comptroller of Finance

Memo No://VSSUT/SRIC/PH/266(5)

Dated: 29/04/2014

Copy to:

1. University Notice Board
2. Registrar, COF, VSSUT Burla
3. Dean(F&P) with request to display the advertisement in the university website
4. Display line. Saheed Nagar Bhubaneswar with a request to publish the advertisement in daily Samaj(All Odisha Edition) on or before 01 May 2014 using minimum spacing I & PR rate as applicable to Government Educational Institute/ Universities. The bills in triplicate along with copy of the concerned issue may be submitted for necessary payment after the publication

COMPTROLLER OF FINANCE

QUOTATION CALL NOTICE

No.VSSUT/PH/267

Dated:29/04/14

Sealed quotations are hereby invited from all registered firms/suppliers /dealers having up-to-date income tax and sale tax clearance and interested in supply of the following articles/materials at the premises of VSSUT, Burla on the terms and conditions mentioned below. The sealed quotations shall reach the H.O.D. Physics within the office hour of **17th May 2014**. Quotations received beyond this date line are liable to be rejected.

Sl No	Description of the Item
1	<p>Muffle furnace: Max temp-1100 C; working temp-1000C; Working Size-9" X 9" X 18"; Heating Element- Kanthal A-1/ SiC rod; Temperature Accuracy-+/- 1°C (+/- 1.8°F); Temperature Controller- PID controller; Display- LED / LCD Display; External Chamber Construction- MS w/ Powder Coating / 304 Grade Stainless Steel; Internal Chamber Construction- Ceramic Board & Grooved Refractory Chamber as per Temp. Requirement; Ceramic wool insulation; Alarm- Audible & Visual type; Power Supply-220 Volts; Certification- ISO, CE & GMP; Stabilizer- As standard;</p> <p>Optional Accessories-1. Temperature Chart Recorder,2. Tongs,3. Gloves</p>
2	<p>Tubular Furnace: Max Temp: 1500°C; Working Temp. 1400/ 1450°C;Temp. Accuracy ±1C ; Heating Elements- Coil type with Silicon Carbide with end connection. Inner Chamber-Ceramic Refractory / Board with heating elements placed on the top & bottom ;Insulation Ceramic Fibre;Ceramic Fibre Construction-Triple walled with air insulation on the outer side For Minimal Skin Temp.; Body-Made of mild steel duly Powder Coated ;Tube material-Alumina ;Tube Size:Inner Dia. = 65mm / Hot Zone length = 200 mm / Overall length = 700 mm; Power Control:SSR unit:ISCR unit (Phase Angle Thyristor);Temp. Control- Microprocessor based Programmable Temp. Controller ;Sensor-Cr/AII Pt / Pt-Rh 13%;Safety-Over current and Short Circuit Protection; Power Supply:220 volts, single phase AC supply.</p>
3	<p>Weighing balance Capacity- 220g; Readiability- 0.0001g; Repeatability (+/-)-0.03/0.3mg; Linearity- (+/-)-0.04/0.4mg; Pan Size-- 80mm With density measurement Kit</p>
4	<p>Hydraulic Press: KBr Press Capacity: 15 Tons;Piston Size:80 mm;Piston Travel: 25mm; Overall Dimensions: 230 x 180 x 350 mm; Net Weight:30 Kgs.;KBr Die- 13</p>

	mm; Pellet Holder, Plunger Anvil
5	Ball Milling Machine: Bench top, Single Bowl(250 ml);Dry/wet type; Stainless Steel , single phase 230V 50Hz AC supply instrument
6	Laptop: Operating system:Windows 8.1 64;Processor family:Intel® Core™ i5 processor Processor:Intel® Core™ i5-4200U with Intel HD Graphics 4400 (1.6 GHz, 3 MB cache, 2 cores);Memory:4 GB 1600 MHz DDR3L SDRAM (1 x 4 GB);Internal drive:1 TB 5400 rpm SATA;Optical drive:SuperMulti DVD burner Display:15.6" diagonal HD BrightView LED-backlit (1366 x 768);Graphics:NVIDIA GeForce GT 740M (2 GB DDR3 dedicated);Ports:2 USB 3.0,1 USB 2.0,1 HDMI,1 RJ-45,1 headphone/microphone combo;Expansion slots:1 multi-format SD media card reader;Pointing device:TouchPad with multi-touch gesture support;Keyboard:Full-size island-style with numeric keypad;Network ; Interface: Integrated 10/100 BASE-T Ethernet LAN; Wireless: 802.11b/g/n (1x1),Bluetooth 4.0 combo; Power supply type:65 W AC power adapter;Battery type:4-cell (41 WHr) Li-ion
7	Printer: Duplex LaserJet Mono/Multifunction Printer with paper handling capacity of 50-sheet multipurpose tray 1, 250-sheet input tray 2, automatic duplexer for two-sided printing; One year onsite warranty

TERMS AND CONDITIONS

1. The undersigned reserves the right to accept or reject any/all quotations without assigning any reasons thereof
2. The quotationer shall quote quality specifications, if any, of the articles/ materials, unit price and taxes and other duties leviable, if any, on the cost separately.
3. The period of warranty of services/replacement, if any shall be indicated clearly.
4. The selected quotationer shall be required to supply the articles/materials within 30 days of receipt of the purchase order failing which the purchase order shall be liable to be cancelled.
5. The quotationer shall enclose their sale tax and income tax clearance certificate.

COMPTROLLER OF FINANCE

Memo No. VSSUT/PH/268(3)

Dated:29/04/2014

1. Copy to the Notice Board of the University.
2. Copy to Dean(F&P) with a request to hoist in the university website www.vssut.ac.in
3. Copy to Registrar, VSSUT Burla for information

COMPTROLLER OF FINANCE

General Term and Conditions

1. The eligible firms are requested to quote the single price of minimum package.
2. Glassware and Glass apparatus should be quoted from Borosil / Rivera make depending upon the price and availability.
3. Small equipments should be quoted the price of both indigenous and imported items depending on their availability and price
4. Firms are requested to attach the certificates of VAT clearance, Income tax and authorize dealership documents for particular make.
5. All the prices should be including VAT and all taxes.
6. Delivery of items will be at University Campus.
7. All the chemicals should be of analytical grade

List of Glass Wares

Sl .NO.	Items
1	Test tube
2	Test tube holder
3	Beaker (25ml)
4	Beaker (50ml)
5	Beaker (100ml)
6	Beaker (250ml)
7	Beaker(500ml)
8	Conical flask (250 ml)
9	Conical flask (500 ml)
10	Round bottom flask with joint(100ml, 250ml)
11	Glass funnel (short stem)
12	Measuring cylinder (10ml)
13	Measuring cylinder (25ml)
14	Measuring cylinder(50)
15	Measuring cylinder (100ml)

List of small equipments & Other items

Sl .NO.	Items
1	Hot air oven
2	Hot plate
3	Mortar and Pestle
4	Sonicatr bath
5	Spatula
6	Tongs for crucible
7	Alumina foil
8	Gloves
9	Filter paper
10	5 mL homeo vial
11	15 mL glass vial
12	Wash bottle
13	Porcelain Crucible

List of Chemicals

Sl. No.	Items /Chemicals Name	Sl. No.	Items /Chemicals Name
1	Bismuth nitrate (BiNO_3) ₃)	31	Cobalt Sulphate
2	Yttrium nitrate $\text{Y}(\text{NO}_3)_3$	32	Sodium Hydroxide
3	Iron nitrate ($\text{Fe}(\text{NO}_3)_3$)	33	$\text{Co}(\text{CH}_3\text{CO}_2) \cdot 4 \text{H}_2\text{O}$
4	Sodium Nitrate	34	polyethyleneimine
5	Cobalt Nitrate	35	Polyvinyl alcohol $[\text{CH}_2\text{CH}(\text{OH})]_n$
6	Lanthanum nitrate ($\text{La}(\text{NO}_3)_3$)	36	Bismuth chloride(BiCl_3)
7	Titanium Carbide	37	Titanium isopropoxide ($\text{C}_{12}\text{H}_{28}\text{O}_4\text{Ti}$)
8	Silicon Carbide	38	Lead acetate ($\text{Pb}(\text{CH}_3\text{COO})_2$)
9	Boron Carbide	39	Ethylenediaminetetraacetic acid
10	Nickel Carbide(NiC)	40	Potassium hydroxide-KOH
11	Cobalt Carbide (CoC)	41	Sodium borohydraide- NaBH_4
12	Aluminium Nitride (AlN)	42	$\text{Ca}(\text{CH}_3\text{CO}_2) \cdot 1/2 \text{H}_2\text{O}$
13	Iron Nitride	43	Silverpaint
14	Nickel Nitride (NiN)	44	Acetone
15	Cobalt Nitride(CoN)	45	Methanol
16	Lanthanum Oxide (La_2O_3)	46	Silica
17	Magnesium Oxide (MgO)	47	Sodium carbonate powder
18	Yttrium oxide (Y_2O_3)	48	Bismuth powder
19	Titanium Oxide (Ti_2O_3)	49	Selenium Powder
20	Aluminium oxide (Al_2O_3)	50	Tin Shots
21	Cobalt Oxide	51	Tin Powder
22	Zirconium oxide (ZrO_2)	52	Tungsten(iv) Sulphide Powder
23	Nitric Acid (HNO_3)	53	Tungsten Powder
24	Acetic Acid (CH_3COOH)	54	Antimony Powder
25	Titanium Boride (TiB_2)	55	Indium Pieces/Powder
26	Calcium Carbonate (CaCO_3)	56	Germanium Powder/Pieces
27	Barium Carbonate (BaCO_3)	57	Lead Powder
28	Lithium Carbonate (Li_2CO_3)	58	Lead Oxide powder
29	Pottasium Carbonate (K_2CO_3)	59	Molybdeunum Powder
30	Sodium Carbonate(Na_2CO_3)	60	Tellurium Granular/Powder