

मार्ग : एम्प्लियमेंट चौक ते चार हुतात्मा चौक, सोलापूर

सौजन्य : भारत पेट कंपनी , सोलापूर



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLEGE OF ENGINEERING, PANDHARPUR

Post Box. No. - 54, Gopalpur-Ranjani Road, Gopalpur,
Pandharpur- 413 304. Dist :- Solapur (Maharashtra)

Mobile No. 9665623356, 9665343396

(Approved by AICTE, New Delhi and Affiliated to
Solapur University, Solapur)

Email :- coe@sveri.ac.in, Website : www.sveri.ac.in

Tender Notification

Sealed tenders are invited for A) Scale up of VTD using Microwave and Infrared B) Atomic Absorption Spectrophotometer C) Food Processing Equipments D) Tractor Implements E) Hardware Material. Tender forms with detailed specifications are available on our website www.sveri.ac.in. The completed tender form along with DD in favor of "Principal, College of Engineering, Pandharpur payable at Pandharpur" or Receipt of cash paid for Rs. 300/- be submitted or send on above address to reach on or before 05/03/2016 at 5:30 PM. Party may submit tender for all the items, however, separate forms be filled in such case. The institute reserves the right to reject the tender without giving any reason in full or part thereof and will not be responsible for any postal delay.

Date :- 20/02/2016

(Dr. B. P. Ronge)

Sr.No. - COEP/2015-16/09

PRINCIPAL

Tender Form

1. NAME OF THE FIRM : _____
2. CORRESPONDENCE ADDRESS
WITH TELEPHONE AND FAX NO : _____
3. LOCAL ADDRESS WITH TELEPHONE
AND FAX NO. : _____
- 4 SALES TAX/VAT REGISTRATION PROOF : _____
5. COPY OF AUTHORISED DISTRIBUTORSHIP : _____
6. TECHNICAL SPECIFICATIONS OF
THE GOODS ALONGWITH
LITERATURE/BROCHURE : _____
- 7 PROOF OF PAST PERFORMANCE
IF ANY : _____
8. LIST OF OWNERS/PARTNERS AND
CERTIFICATION REG. BLACKLIST & CR.
CASE ATTACHED OR NOT : _____
9. TENDER FEE : _____
- 10 EARNEST MONEY DETAIL : _____
- 11 COPY OF TERMS AND CONDITION
DULY SIGNED & STAMPED : _____

SIGNATURE OF THE TENDERER
WITH STAMP

A. Scale-up of VTD using Microwave and Infrared

Sr. No.	Specifications	Quantity
1	Scale-up of VTD using Microwave and Infrared <ul style="list-style-type: none">• Made up of circular plates• Dia. of Plates: 1.1 mm• Thickness: 3 mm• No. of circular rings:20• Internal Dia: 509 mm• External Dia: 1030 mm• Use of copper strips for heat transfer• 3 PHTEFC induction motor with suitable gear box• Arrangement of brush to push the material• Heater Output: 35 Kw• Temperature: 35-70⁰C	01

B. Atomic Absorption Spectrophotometer

Sr. No.	Specifications	Quantity
1	<p>Atomic Absorption Spectrophotometer fully automatic, computer control, 4-lamp turret, air-C₂H₂ flame, D₂ background correction, Wavelength range: 190-900nm Wavelength accuracy: ±0.5nm Resolution better than 0.3nm Baseline stability: 0.005A/30min</p>	01
	<p>OPTICAL SYSTEM Lamp power supply mode Powered by square-wave pulse in Czerny-Turner design grating monochromator Grating 1800 l/mm Focal length 277mm Blazed Wavelength 250nm Analytical method 0.1nm, 0.2nm, 0.4nm, 1.2nm Detector Photomultiplier with high sensitivity and wide spectral range. Software Ms-Windows™ operating system Analytical method Working Curve Method (1st order and 2nd order fitting), Standard Addition Method. Repeatable measurement Maximum 20 times of repeat measurement, automatic calculation of mean value, standard deviation and relative standard deviation. Condition reading With model function</p>	01
	<p>DETECTION AND DATA PROCESSING SYSTEM Result printing Measurement data and final analytical report printout. Burner 10cm single slot all-titanium burner for Air-C₂H₂ flame Spray chamber All-plastic spray chamber. Nebulizer High efficiency glass nebulizer with metal sleeve. Adjusting mechanism for vertical, horizontal positions and the rotation angle of the burner. Protection for gas system Fuel gas leak protection, abnormal flame extinction alarm, air-pressure deficiency protection and explosion-proof device.</p>	01
	<p>D₂ Background Correction Deuterium lamp with 1 ms rapid response for accurate</p>	01

	correction. Electronic modulation of 1 kHz with deuterium current control and aperture attenuation.	
	Air Compressor Oil-free air supply to flame burner head, auto shut off, pressure regulator	01
	High Spectral Purity Hollow Cathode Lamps Hollow Cathode Lamp (Zn, Mg, Cu & Fe)	04
	FUME HOOD	01
	FILLED UHP GRADE ACETYLNE GAS CYLINDER	01
	DOUBLE STAGE GAS REGULATOR	01

C. Food Processing Equipments

Sr. No.	Specifications	Quantity
1	<p>Pedal Operated Sealing Machine</p> <ul style="list-style-type: none"> • Power Consumption: 240 V 1.2 Kw • Dimension of Machine: 1000 X 620 X 1050 • Weight of Machine: 35 kg • Sealing Width: 5 mm • Sealing Length: 900 mm • Material- MS power Coated body • Output: 15 bags/ minute • Suitable for packing solids, granules and powders • Round element option for simultaneous sealing and cutting • Suitable Packaging Material: LDPE/PP/LAMINATE • Adjustable Sealing Height, Digital Temperature Controller, Sealing Time Adjuster, Timer Alarm, Optional Bag Support, Audio and visual sealing indicators 	01
2	<p>Fruit and Vegetable Pulper:</p> <ul style="list-style-type: none"> • Power:0.5 HP, Three phase • Capacity: 50 Kg/hr • Contact Material: SS 304/SS314 • Pulping Screen: 0.8 mm perforation • Feed, Discharge and Waste chutes • Brush and optional accessories for cleaning • F& V to be processed: Tomato, Mango, Chikoo, Awla etc. 	01
3	<p>Vegetable Cutter for Multipurpose</p> <ul style="list-style-type: none"> • Power:0.5 HP, Three phase • Capacity: 50 Kg/hr • Material: SS 304/SS314 • Slicing, dicing and shredding • F& V to be processed: Carrot, Raddish, Onion and leafy vegetables • Cutting size:0-60 mm • Dicing size: 3-20 mm • Slicing: 1mm to 8 mm • Shredding: 3 mm to 8 mm 	01
4	<p>Fruit and Vegetable Juice Extractor</p> <ul style="list-style-type: none"> • Power:0.5 HP, Three phase • Capacity: 50 litre/hr 	01

	<ul style="list-style-type: none"> • Contact Material : SS 304/SS314 • Brush and optional accessories for cleaning • F& V to be processed: Grapes, Pomegranate, Orange, Pineapple etc. or Pulp to squeeze. 	
5	<p>Fruits and vegetable Washer</p> <ul style="list-style-type: none"> • Capacity: 50 Kg/hr (for Potato) • Material: SS304 • Power: 0.5 HP, Three Phase • To wash Potato, Carrots, leafy vegetables etc. 	01

D. Tractor Implements

Sr. No.	Specifications	Quantity
1	<p>Two Furrow Reversible Plough/Hydraulic Plough</p> <ul style="list-style-type: none"> • Model: 45 HP • Material: MS • Length: Appr. 1700 mm • Width: Appr. 1000 mm • Height: Appr. 1100 mm • Working Height: More than 300 mm • Working Width: Appr. 300 mm • Weight: Appr. 350 Kg 	01
2	<p>Rotavator</p> <ul style="list-style-type: none"> • Total Length: 6 ft • Working Length: 5ft • Working Height:6 inch • Gear Box: Single/ Multi speed • PTO Speed: 540 rpm (55 HP tractor) • Rotor Speed: 200 rpm • Transmission: Gear • No. of blades: 36 • Material of Blade: Boron Steel • Blade Type: L • Warranty: Pin Gear, Holder gear, Main shaft, Gear Handi, Rotor shaft rpm gear etc. 	01
3	<p>Tiller</p> <p>Length: 2000 mm Height: 1000 mm Width: 600 mm No. of Tines: 9 Thickness of Tines: 25 mm Material: EN8for Tines and MS for whole body Working Height of Tines: 300 mm</p>	01

E. Hardware Material

Sr. No.	Specifications	Quantity
1	1 1/4" MS Pipes Length: 20 ft Thickness: 4mm	60