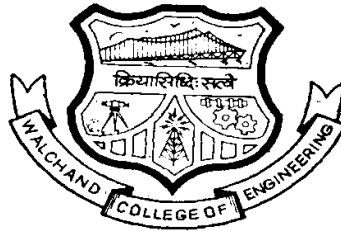


COST OF TENDER FORM : Rs.1000/-

**WALCHAND COLLEGE OF ENGINEERING,
SANGLI
An Autonomous Institute**

TENDER DOCUMENT



**LAST DATE OF RECEIVING TENDER
12th January, 2017 up to 12:00 noon**

DATE OF OPENING THE TENDER

12th January, 2017 at 3.30 pm

In Conference Hall, Main Building

INVITATION FOR TENDERS

Ref No; - WCE/CS/

Date: - 26.12.2016

To _____

Dear Sir,

Sub: Invitation of Tender for supply of equipments/material for various departments.

You are invited to submit your most competitive tender for supply of Equipments for various departments under the terms and conditions as enclosed herewith.

This tender form is also available on college website www.walchandsangli.ac.in

While submitting the Tender, the offer must be submitted in following fashion.

1. Two separate envelopes are to be used.
2. First envelope should be titled as “**Specifications Envelope**” and it should contain documents such as:
 - i) Shop Act license ii) I-Tax Return iii) Experience certificate iv) Sales Tax Registration v) Authorized dealer / distributor certificate vi) Proprietary item certificate , if applicable, viii) Copy of the receipt for Rs 1000/- for purchase of the tender form from the college office OR D.D. for Rs 1000/- if the tender form is down loaded from the college web site (for cost of tender form which is non refundable & without which tender will not be considered), viii) Separate (not a single) E.M.D. D.D.s for each of the department as per page number 20. All of the above D.D.s must be drawn from nationalized bank, favoring “The Director, Walchand College of Engineering, Sangli” payable at Sangli, ix) Detailed Specification of the offered item (if it differs from what is indicated in the tender) as per the tender form, but with no indication of offered cost of the respective item. Each Page must be signed and rubber stamped. This envelope must be sealed. At the time of tender opening, if the specifications and the other documents in this envelope are found correct, second envelope will be opened, otherwise the tender submission is likely to be rejected. **The tender form is not transferable. Each bidder shall submit only one tender for one particular department or section.**
3. Second envelope should be titled as “**Commercial Offer Envelope**” and it must be sealed. Your “Commercial Offer” sealed envelope should contain competitive offered prices for the items. Taxes for VAT and other if any (except LBT) should be clearly indicated in the column “Total Amount”. LBT is to be paid at actual by the tenderer, while supplying items. The LBT receipt must be in the name of the Director, Walchand College of Engineering Sangli. Separate envelopes (and not a single envelope) are to be used for each of the departments. All the department specific pages of the tender form **should be filled with the competitive prices offered, signed and rubber stamped on each page. The other specifications of the item, its make and model number, its detailed other features, leaflet of the items, customer list along with their contact details (where the tenderer has earlier supplied the item) etc., must be supplied in the department specific envelopes.** If the space provided in the tender form is insufficient, additional pages may be attached appropriately.
4. Two of the separate sealed envelopes, namely, “Specification Envelope” and “Commercial Offer Envelope” must be sealed together in a “common” single envelope.
5. Each of these envelopes should be also titled, as per the case for either “**Supply of Equipments for (Name of the resp. department)**”. **Tenderer must also mention their Company name, Address, email, contact person, cell no. etc. on envelopes.**
6. **If tenderer has SSI registration, the tenderer will be exempted from paying E.M.D. The valid SSI registration documents, for this purpose, must be enclosed in “Specifications Envelope”.**

7. If the tenderer is selected for supply of items, the selected tenderer will give an undertaking for supply of items as per the college's terms and conditions, and the tenderer will supply the items accordingly. If the tenderer fails to supply the items as per college's terms and conditions, the EMD amount of the tenderer will not be returned. EMD will be returned to all other "not selected" tenderers only when the selected tenderer supplies all the items as per college's terms and conditions. The selected tenderer has to submit Bank guarantee for 10 % of total purchase value. The Bank Guarantee will be returned, if no violation of terms and conditions are found, only at the end of the warranty period or at the end of contract to the tenderer.

The supply place is normally respective departments of college and supply period is usually 15 days from the date of placing order.

We look forward to receive your tender and thank you for your interest in this system.

Yours faithfully,

Director

Walchand College of engineering, Vishrambag, Sangli

1. Civil Engineering Department:

Item No.	Particulars	Approx. Qty	Basic Unit Price	VAT + Other +LBT	Total Amount Rs.	EMD amount (3 % of the total amount)
		q	a	b	(a+b)*q	
1.	Peristaltic Pump 2 microliter/min to 2000 ml/min, 0.25 HP with Silicon wire.	1				
2.	Bacteriological incubator 100 L capacity, 0 to 50°C with double wall SS chambers externally MS body powdercoated and heating element of high grade chrome plated nicrome wire with precision of $\pm 2^{\circ}\text{C}$	1				
3.	BOD Incubator Temperature: -Range:0°C to 60°C with digital controller, Temperature sensitivity - 0.1°C. Distribution accuracy/Uniformity: $\pm 0.1^{\circ}\text{C}$ (at 60°C). Microprocessor based Digital display of temperature along with calibration certificate Uniform forced air circulation :- With two completely in built motors along with fan to keep the temperature uniform throughout the chamber , Lock and buzzer alarm for door, Self-diagnosis function including Overheat Prevention and Overcurrent Protection. Temperature recorder for inner chamber with maintenance free battery backup and auto charging of battery. Inner chamber wall: Stainless steel, appropriately insulated CFC free refrigeration system Automatic Stabilizer, 4 KVA with TDR (3minutes) electronic type.	1				
4.	HD Video Recording Handycam Model number HDR-PJ675 or equivalent, HD Video Recording Handycam Camcorder with Built-in Projector with Standard Accessories Carrying Case+Tripod etc., Resolution 1920 x 1080, Screen Size 3 Inches, Optical Zoom 30X Optical Sensor Resolution 9.2 Megapixels Video Capture Resolution 1280 x 720 Included Components Rechargeable Battery, AC Adaptor, USB Cable, Micro HDMI Cable, AC Power Cord, User Manual Warranty: 1 Years. as per company terms.	1				
5.	Plotter A0Multi-Function Plotter Hewlett-Packard A0 SIZE Multi-Function PlotterDesignJetT830 or equivalent (36") Multi-Function Plotter (PRINT, SCAN AND COPY) HP 36" MFP Printer with Roller Feeder,Stand	1				

6.	Printer-A4Mono Single Function Printer Hewlett-Packard Laserjet Mono Single Function Printer -1020 or equivalent, Plus Print resolution- True 600 x 600 dpi, Print Speed- Up to 15 ppm, Connectivity- USB 2.0 High Speed, Memory- 234 MHz processor with 2 MB RAM, Input Tray- 150-sheet input tray, single-sheet, specialty paper input slot, Network/ Duplex- N.A,	3				
7.	Digital Writing Pad iBall Tablet, Model No. 1209 or equivalent * Working Area - 12 x 9 inch (30.5 x 22.9cm) * Technology – Electromagnetic * Pressure Levels - 1024 levels * Resolution - 4000 LPI * Accuracy - ±0.01-inch * Report Rate - At least 200 RPS * Interface – USB * Digital Pen - Cordless digital stylus pen with a pen tip and two barrel buttons * Dimensions - 38.3(W)x 35.9(D) x 3.1(H) cm * Weight - 1007g * Tablet Supply Voltage - DC5V from USB	4				
8.	SMART Board Interactive Whiteboard Model 480 or equivalent, Active screen area (maximum interactive projected image)- (61 5/8"W x 46 3/16"H) 195.6 cm (77") diagonal Software SMART Product Drivers and SMART Notebook™ collaborative learning software Physical specifications- (63 3/16"W x 50 1/16"H x 5 1/16"D), Cables Includes a 3 m (118 1/8") USB cable, Pen Includes a pen tray pen Resolution Digitizing resolution is approximately 32767 x 32767 Computer connection 12 Mbps/ USB connection (full-speed USB 1.1 or USB 2.0)	7				
9.	Epson Short Throw Projector Epson Short Throw ProjectorEB-525Wor equivalent, with Wireless LAN Module, Resolution:WXGA, Brightness: 2800 lumens, Contrast Ratio : 16000:1 , Lamp Life : 5000Hr (Normal), 10000Hr (Eco), Projection System : Epson 3LCD, 3-chip technology, LCD Panel : 0.59-inch with MLA (D8), Port: HDMI, USB 2.0 type B, RCA (Red or White), 2 Nos Stereo mini jack. Including necessaryWall Mount Kit with fabrication as per site condition & Labour Charges with Projector Bracket Fixing and cable Laying	7				
10.	Digital Audio Podium IP 60W - - Model No-IP60Wor equivalent, Built-in RMS60W Amplifier(4 ohms output), Built-in three 4" woofer and 2" tweeter one, flexible gooseneck microphone, Two VHF Handheld Microphones MIC2/Line input and stereo music input, MIC2/Line input and stereo music input Line output and REC output, Bass, treble aux, Mic 1 and Mic 2 / Line volume control Extra output for amplifier Extra output for speaker, Wooden top, steel body and bottom.	1				

11.	<p>*Server</p> <p>A) Intel® Xeon® E5-2620v3 (Hexa Core), 2.4 Ghz, 15 Mb, (Dual Processor Capable) Processor, Chipset Intel® C610 Chipset, Memory-2 x 16GBDDR4 RAM 1866 Mhz, Hardisk Drive-2 x 2TBNearline SAS 7.2k RPM Hot Plug, Bays- upto 16 Drives (2.5inch) Hot Plug SAS/SATA, Optical Drive-16X DVD+/-RW Drive, Network- Broadcom® NetXtreme™ II 5720 Single Port Gigabit Ethernet NIC, RAID PERCH330 Integrated RAID Controller, PCI Slots-4FH PCI-Express Gen 3 + 2FHGen2PCieslots, Form Factor-Tower (5Urackable), Power Supply- Dual cabled Power Supply (495W), USB Entry Keyboard KB216B, Optical mouse Tower Cabinet with Single cabled Power Supply (290W), DELL™ LED Monitor 21"</p> <p style="text-align: center;">OR</p> <p>B)DELL™ Server PowerEdge™ - T20 Intel® Xeon® processor E3-1225v3 (3.20 Ghz8MB Cache) 8GB Memory (2x4GB),1600 MHz, Dual Rank UDIMM for 1 Processor, 1TB @7200 RPM 3.5" SATA II Hard Drive Non Hot Plug, 8xSATA DVD+/-RW Drive, Intel® C226 Chipset Mother Board, Integrated Intel® 82579LM Ethernet LAN 10/100/1000, DELL™ USB Entry Keyboard KB216B, DELL™ MS 116 Optical Mouse, No Monitor, No Operating System, Tower Cabinet with Single cabled Power Supply (290W), DELL™ LED Monitor 18.5"</p> <p>* Note: Kindly quote both (A) and (B). Depending on availability of funds either (A) or (B) will be purchased.</p>	1				
12.	Supply, installation, testing and commissioning of Voltas make 2.00 ton split air conditioning unit with condenser and evaporator of copper material stating clearly, a).three star rating, b).output watt, c).supply phase	4				
13.	IR Bullet Camera (8 - 10 Nos. may vary) (CPPLUS/HIKVISION/DAHUA/CADYCE/AXIS/SAMSUNG) HDCVI Min 2MP,1/2.9",resolution 25/30 FPS@1080P,Low power consumption, True D/N with IR cut filter with 1a.10A power supply, DVR (1 Nos.) with 16 channel 2MPHDCVI with 1 Audio Channel, Hard disk 2 TB(1 Nos.), Cabling with casing- capping per meter (400 Mtr. may be vary)with installation of system.	(8 - 10 Nos. may vary)				

1. Civil Engineering Department: Chemicals and Glassware

Item No.	Particulars	Approx. Qty	Basic Unit Price	VAT + Other +LBT	Total Amount Rs.	EMD amount (3 % of the total amount)
		q	a	b	(a+b)*q	
1.	Pottassium Dichromate	3kg				
2.	Ferrous Ammonium Sulphate	9kg				
3.	Ferriin Indicator	250mL				
4.	Silver Sulphate	50g				
5.	MurcurySulphate	200g				
6.	Conc. Sulphuric acid	100kg				
7.	Phosphate Buffer	1 kg				
8.	Calcium Chloride	1000g				
9.	Magnesium Chloride	500g				
10.	Manganese Sulphate	2kg				
11.	Sodium Hydroxide	30kg				
12.	Ferric Chloride	500g				
13.	Sodium Iodide	600g				
14.	Sodium Azide	500g				
15.	Starch	500g				
16.	Sodium Thiosulphate	5kg				
17.	PottasiumSulphate	2kg				
18.	Copper Sulphate	1kg				
19.	Boric Acid	500g				
20.	Methyl red	200g				
All chemicals should be of analytical grade						

Glassware						
1.	COD Flasks (500 mL)	16				
2.	COD air condensers	16				
3.	Burette with teflon (50mL)	6				
4.	BOD Bottles (300 mL)	24				

1. Civil Engineering Department: Equipment under DST Project

Item No.	Particulars	Approx. Qty	Basic Unit Price	VAT + Other +LBT	Total Amount Rs.	EMD amount (3 % of the total amount)
		q	a	b	(a+b)*q	
1.	<p><u>Nitrogen Analyzer.</u></p> <p><u>A. Automatic Digestion System :</u></p> <ul style="list-style-type: none"> • Six Place 250 ml capacity PC Compatible Block Digestion System with Casted Aluminium Alloy Heaters • Direct USB Port for PC/Laptop Connectivity, TFT Graphic Touch Screen Display. • Unique wireless mouse to operate touch screen without PC at a distance of 2 mtrs from equipment. • 70 programs & 12 sequence steps, PC chart software, Live graphical representation of time/temp. gradient • Live Schematic process flow feature with display of various stages with facility to have print options • Software enables multiple unit monitoring with multi user login feature • Inbuilt software program for micronutrient, macro nutrient, trace element, diacid and triacid analysis. • Remote Control Module for wireless data monitoring, control and transfer to PC at a distance of 30 feet from equipment, • Unit should be upgradeable to Data Logger Module & Auto Lift Module • Electrical Requirement: 230 V, 50 Hz AC Mains. <p><u>B. Automatic Distillation System</u></p> <ul style="list-style-type: none"> • Autosequencing Programmable Microprocessor based Distillation with inbuilt software, Colour Touch Screen high resolution TFT LCD Display, Large 4.3” screen • Auto Intelligent run of programmable steps, Addition of Boric Acid, Dilution, KMNO4 Addition for Available Nitrogen, Alkali Addition, Steam Processing, Residue Removal, Process over indication with alarm with inbuilt delay time features, Automatic Titration Connectivity feature for future upgradation, Aspiration of Receiver Residue. • Flow diagram display to show live auto sequencing steps at each stage of process, Data table export to excel • Facility to program and control distillate volume for determination of available 	1				

	<p>nitrogen.</p> <ul style="list-style-type: none"> • Auto sensing of “NO WATER” condition in condenser & steam generator with alarm & signal to alert user. • Auto deactivation of operation after warning on no water condition in case of user non availability • Enables Automatic monitoring and measuring of high temperature in distillate with sensor for auto warning signal and safety alarm to alert user to control distillate temperature. • Continuously measured temperature is displayed digitally. • Auto door open warning indication, Auto tube insert error indication. Auto deactivation of System on error diagnosis, Adjustable steam power, Auto online water saving mechanism, Auto reagent Level Sensor with Alarm for Reagents, Stainless steel non corrosive steam Generator • Inbuilt Automatic Printer for direct print out of results without connecting to PC. • Automatic calculation of results on input of titre value in terms of percentage of Protein/N2. • Automatic water level monitoring & Peristaltic pump for reagents addition • Electrical Requirement - 220 - 230V/50Hz. 					
2.	<p>BOD Respirometric/Oxitop BOD Apparatus (sensor based) Capacity: Six 492 mL bottles Six stirrer balls Drift:< 3 mg/L BOD in 5 days Input Voltage:110 to 240 V, 50/60 Hz Interface:RS232 Output Voltage:24V, UL CSA, and TUV approved Range:0 to 1000 mg/L Resolution:1 mg/L BOD</p>	1				
3.	<p>Portable rugged, waterproof multi-parameter ion- meter with two input channels for simultaneous measurement of pH, Conductivity/TDS/Salinity, Optical Dissolved Oxygen, BOD, ORP, Ammonia, Ammonium, Fluoride, Chloride, Sodium, and temperature Meter package should include Portable Meter, refillable pH probe with 1 m cable, conductivity/TDS/salinity probe with 1 m cable, standard optical dissolved oxygen probe with 1 m cable, , 4 AA batteries, power adapter, USB/DC power adapter for data transfer, quick-start guide, user manual, and documentation CD Automatic Buffer Recognition For automatic compensation of DO when using an LDO or LBOD probe Conductivity Accuracy: 0.5 µS/cm Conductivity Measurement Range: 0.01 µS/cm to 400 µS/cm Conductivity resolution: 0.01 µS/cm with 2 digits</p>	1				

	<p>Data Memory: 500 results Display: Display readings from one or two probes pH: pH, mV, temperature Conductivity: Conductivity, TDS, salinity, resistivity, temperature LDO: dissolved oxygen, pressure, temperature LBOD: dissolved oxygen, pressure, temperature ORP/Redox: mV, temperature Sodium: Sodium, mV, temperature DO Measurement Range: 0.01 to 20 mg/L mg/L (ppm) DO Resolution: 0.01 mg/L mg/L Measuring Range ORP: -1500 to 1500 mV mV Accuracy: 0.1 mV mV Measurement Range: -1500 to 1500 mV mV Resolution: 0.1 mV Operating Interface: Keypad Operating Temperature: 5 to 45 °C Output: USB to PC / flash memory device USB to PC / flash memory device Parameter: pH, mV, ISE, DO, Conductivity, TDS, Salinity, Resistivity, ORP, Temp pH Accuracy: 0.002 pH pH Measurement: 0 to 14 pH pH Resolution: 0.001 0.1 pH Probe Type: Standard Salinity Measurement Range: 0 to 42 ppm Salinity Resolution: 0.01 ppm Sodium resolution: 0.01 mg/L (ppm) TDS Measurement Range: 0 to 50000 mg/L TDS Resolution: 0.01 mg/L Temperature Accuracy: ± 0.3 °C</p>					
	<p>Accessories to be separately quoted a. Sodium Electrode: Cable Length: 1 m, Diameter: 12 mm ,Dimensions (D x L): 12 mm x 220 mm ,Electrode Type: Refillable , Filling Solution: 2965126 ISA Required: 4451569 , Junction: Ceramic pin ,Length: 220 mm Material: Sensor Body: Zeonor™ ,Parameters: Sodium ,Probe Type: Standard ,Range: 0.023 - 23,000 mg/L Na⁺, Sensor material: Zeonor™</p>	<p>1</p>				

	<p>b. Nitrate Electrode: Cable Length: 3 m, Connector: HQD specific ,Diameter: 12 mm , Dimensions (D x L): 12 mm x 220 mm , Electrode Type: Non-refillable / Gel , Filling Solution: Non-refillable driTEK gel , ISA Required: 2984799 , Junction: Porous PTFE Annular Ring, Length: 220 mm, Material: Sensor Body: Epoxy , Parameters: Nitrate Probe Type: Standard , Range: 0.1 - 14000 mg/L 0.1 mg/L (7×10^{-6} M) to 14,000 mg/L (1 M) NO_3^--N , Sensor material: Epoxy Sensor Type: Solid-state PVC membrane ,Special Feature: Dry storage & fast response time. No replacement membranes. Temperature Range: 0 to 50 °C</p> <p>c. Fluoride Electrode: Cable Length: 1 m , Diameter: 12 mm ,Dimensions (D x L): 12 mm x 220 mm, Electrode Type: Non-refillable / Gel , Filling Solution: Non-refillable driTEK gel , ISA Required: 258999 , Junction: Porous PTFE Annular Ring , Length: 220 mm , Material: Sensor Body: Epoxy, Parameters: Fluoride , Probe Type: Standard, Range: 0.01 mg/L (1×10^{-6} M) to 19,000 mg/L (1 M) F, Sensor material: Epoxy , Sensor Type: Solid-state crystal membrane, Special Feature: Dry storage & fast response time. No replacement membranes. ,Temperature Range: Continuous use: 5 to 50 °C</p>	<p>1</p>				
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1. Civil Engineering Department:

Item No.	Particulars	Approx. Qty	Basic Unit Price	VAT + Other +LBT	Total Amount Rs.	EMD amount (3 % of the total amount)
		q	a	b	(a+b)*q	
1	<p>HUMIDITY CONTROL OVENS (Cooling): Capacity 6cu. ft and 10 cu. ft</p> <p>3 shelved double walled chamber with modular removable shelves made of S.S. Outer chamber made of mild steel duly pretreated and is finished with Powder coated paint for lasting finish. Inner chamber made of stainless steel 304. Forced air circulation for uniform temperature throughout the chamber. The chamber is insulated by filling CFC free Glass wool / Polyurethane Foam in the space of between outré body and inner chamber to prevent temperature loss. Full Length inner Acrylic door for clear inner view. Outer Metal door with magnetic gaskets & Lock.</p> <p>Digital display preset electronic digital temperature controller cum indicator but with cooling system by means of hermetically sealed Compressor Unit coupled with evaporation Coil and condenser.</p> <p>Temp. Range : 10°C to 60°C ±1°C Humidity Range 10% RH to 90% RH ±3% RH Forced air circulation for Uniform temperature throughout the chamber and air heaters to provide heating above ambient temperature. A Water boiler with reservoir & Float valves produce steam for Humidifying the chamber. Microprocessor based Digital Dual Display Temperature Controller cum Indicator and sensors for relative Humidity.</p>	1 each				

2. Mechanical Engineering Department:

Item No.	Particulars	Approx. Qty	Basic Unit Price	VAT + Other +LBT	Total Amount Rs.	EMD amount (3 % of the total amount)
1	Pressure measurement using various instruments. Bourdon gauge, diaphragm gauge, bellow gauge etc. up to 15 Bar.	01				
2	Displacement measurement using various instrument : Static and dynamic displacement measurement up to 20mm	01				
3	Data acquisition system trainer kit : data acquisition trainer kit compatible with USB port	8 Channel 01				
4	Strain Gauge instrument : gauge with one, two and four arm type dynamic strain gauge with one, two and four arms type with minimum 5000 samples/ second	1)static strain 01				
5	3-Axis CNC Router XYZ Guide T-slot XYZ working area (600 x 900 x 125mm) Drive type Stepper motor Spindle Power 2 kw, 0 - 10000 rpm Max. Feed Speed 30 m/min, Max. Working speed 15 m /min. Repeat accuracy ± 0.05 mm Resolution ± 0.05 mm / 250 mm Interface DSP (Digital Signal Processor) controller Water cooling system Working Material : Wood, Acrylic, Foam, PVC, Plywood, Soft Wood, Cardboard, Fiber, Hard Plastic, etc.	01				
6	Small volume sample holder for Thermal conductivity analyzer (TCA): Small Volume Test Kit for testing as little as 3/8 tsp of powder or ¼ tsp of liquid. Must be sold as an upgrade to either standard Tci System or Replacement sensor. Includes: spoon, spatula, weight, collar, test cell, SOP and all associated parts outlined in SOP	01				

7	Furnace for TCA to analyze thermal conductivity with respect to temperature (THERMAL CHAMBER): Temperature range: - 75°C to + 200°C Interior Dimensions: 16" wide x 11" deep x 12" high Exterior Dimensions: 37" wide x 22-1/2" deep 30-5/8" high Voltage: 115V-120V 1 Phase 60Hz KW: 0.5kW Amp Draw: 18 Amps Type: Luna ire Test Chambers Air Flow	01				
8	Fiber Laser Machining Set-up Fiber laser machining set-up with rotary attachment as per following details Effective working area with or without Galva Mechanism = 100 *100 mm Laser Power = 50 – 60 W Laser Frequency = 40 – 100 KHz Work table = Table with up and down scan head Bed size – 300 * 300 mm Minimum character size – 0.20mm Maximum depth of cut in 10 passes – 0.5 – 1mm (for ferrous and non-ferrous metal) Cooling system – air / water cooled Maximum cutting/ marking speed – 6000 mm /s (for Mild steel) Computer system – industrial computer with WINDOWS Xp/ Win 7 / Win8 Data transfer – USB transmission With compatible software and graphic format supported	01				
9	Commercial Water cooler with UV and RO Purifier,Capacity: 80 LHP for water cooler and purifier.	02				
10	Chain Mortise and Blade Grander with standard accessories Model : J -930 & J-235	01				
11	Fully Hydraulic Hacksaw Machine – Cutting Capacity of machine – Round Bar – 250mm, Square Bar-200mm, Blade Size – 450mm, Motor- 1 HP , V- Belt size B51xA31, Floor Space 500x1350, Weight- 35kg.	01				

3.Electrical Engineering Department: (Tender) DEC 2016-2017:-

Item No.	Particulars	Approx. Qty q	Basic Unit Price a	VAT + Octroi b	Total Amount (a * q) + b
Under DRF 2016-2017 :-					
1	<p>Tektronix OR equivalent 70 MHz, 2 Ch, 1GS/s, TFT Digital Storage Oscilloscope: TBS1000B Series Features: Key Performance Specification: 70 MHz Bandwidth models, 2-Channel Models, 1GS/s sample rate on all channels, 2.5k point record length on all channels, Advanced triggers including pulse and line selectable video triggers, Key Features: 7 inch WVGA (800X480) Active TFT color Display, 34 automated measurements, Dual window FFT, simultaneously monitors both the time and frequency domains, Built-in waveform limit and Dual channel frequency counter, Zoom Function, Automated, extended data logging feature, Auto set and auto ranging functions, USB 2.0 host port on the front panel for quick and easy data storage, USB 2.0 device port on rear panel for easy connection to a PC, Standard Accessories: Passive probes, one per channel: TPP0051: 50MHz passive probe for TBS1052B, TPP0101: 100 MHz passive probe for: TBS1072B, TB1102B, TPP0201: 200 MHz passive probe for: TBS1152B, TBS1202B, Power cord (Please specify plug option), NIM/NIST Traceable certificate of calibration, printed documentation Installation and safety manual, CD with customer documentation-customer documentation including detailed user manuals</p>	05			
2	Dual Power supply : 0-30 V, 5A, Variable with Short circuit and current limiting protection	05			
3	Function Generators : Sine, Cosine, Triangular, Square wave generation with variable frequency (10 Hz-10MHz, 0 to 30 Volts PP)	05			
4	Single Phase Dimmerstat : (Spindle Mounted) Type: Input: 240V, 50Hz, Output: 0-270V Maximum load : 15 Amp	15			
5	<p>Supplying, installation & Commissioning on old foundation with C channel. The machine specification are as follows Single Phase Induction Motor:</p> <ul style="list-style-type: none"> ➤ Capacitor Start # Brake Drum: 230V, 1420 RPM, 50 Hz, 2 HP, 6 A ➤ Universal Motor # Brake Drum: 230V, 1420 RPM, 50 Hz, 2 HP, 6A. The above machines are individually coupled to brake drum equipped with spring balances. 	01			

6	EPSON Business LCD Projector EB X18: XGA resolution, 3000 Lumens,20100 lumen (economy), Aspect ratio 4:3, Contrast 10000:1, Lamp life 6000 Hs, wireless connection (optional) projection system: RGB liquid crystal shuttle projection system, Pixel Number: 786, 432 dots (1024x768) x3,	02			
	<p>Desktop: OptiPlex 24 7000 Series All-in-One (7440) Desktop:</p> <p>Technical specifications –</p> <ul style="list-style-type: none"> Intel® 6th generation Core™ i7 processor, Chipset Intel Q170, Windows 8.1 Pro 64-bit operating system, Up to 2 DIMM slots Non-ECC dual-channel 2133 MHz DDR4 SDRAM Supporting up to 16GB, Integrated Intel® HD Graphics 530, 1 TB HDD (7200rpm), With a 60.5cm (23.8) screen with Full HD or 4K Ultra HD, External USB 3.0 – 6 (2 side, 4 rear) USB 2.0 – 2 (rear) HDMI 1.4 In/Out – 1 (Full HD Only) Display Port 1.2 – 1 RJ-45 – 1 Universal Headset (side) – 1 Line-out – 1 (rear), Keyboard Dell Wired Keyboard with Multimedia functionality, 	10			
7	<p style="text-align: center;">OR This Specification Desktop</p> <p>Desktop Computer System :</p> <p>Intel Core i-5 4570 3.2 GHz, 6MB Cache or better Motherboard Chipset Intel Q85 Series, Memory : 4 GB DDR 3 RAM expandable to 16GB; Two DIMM slots; Non-ECC dual-channel upto 1000 MT/s DDR3 SDRAM, Hard Disk Drive; 500GB HDD, 7200 RPM, NCQ, Optical Drive; Super multi DVD writer, Graphics; Integrated Graphics, Audio: High Definition intergraded Audio with Internal Speaker, Ethernet: Integrated Gigabit (10/100/1000 NIC) LAN, Power Supply, Keyboard/Mouse: PS/2 104 keys keyboard, Monitor. 18.5 TFT LED Monitor, OS: Genuine OEM install Microsoft Windows 10 Pro 64-bit, Wi-Fi adapter integrated in desktop etc.</p>	10			

4. Department: Electronics Engineering

Item No.	Particulars	Approx. Qty q	Basic Unit Price a	VAT + Octroi / LBT b*	Total Amount (a*q)+b*
	Items purposed under DRF				
1	Desktop Intel® 6th generation Core™ i5-6500 Processor (Quad Core, 6MB Cache, 4T, min. 3.2GHz, 65W), 4GB DIMM (4GB x1) DDR3 @ 1600MHz Non ECC, 1 TB @7200 RPM 3.5" Hardrive Tray load DVD Drive (Read and Writes to DVD / CD), Intel® H 110 Chipset Mother Board, Integrated Intel® HD Graphics 530, Integrated Realtek RTL8111HSD Ethernet LAN 100/1000, USB Entry Keyboard KB216B, DELL™ MS 116 Optical Mouse, E1916 H 18.5" Widescreen Monitor with LED backlight, Internal Business Audio Speaker, Microsoft® Windows® 10 Professional Mini Tower Chassis + Standard 240W SMPS	15			
2	Hikvision 1.3MPHD IP camera Bullet/ Dome ... 16 Nos Hikvision 16 CH NVR 2 Nos HDD 4 TB WD Purpule 4 Nos PoE Switch 8 Port Giga 1 Nos RJ Connectors 40 Nos D-link CAT-6 Cable per meter with casing @ 1000 mtr 24 " Full HD Samsung Monitor (1080P) 1 no, Installation and commissioning	1 system			

Terms & Conditions

Please note following terms and conditions before filling the tender form and return this **sheet duly signed along with company's seal.**

1. Essential additional Services to be included Installation and training on college site.
Supplying documentation, Software Media /Software with media. (Licensed Version), **Exclusive** Warranty for **three** years. Equipment for its malfunctioning, if any, must be replaced / repaired within 15 days during warranty period.
2. For any proprietary items, attach certificate from the manufacturer that the product is proprietary and also attach the valid certificate of authorized dealer/distributor/channel partner.
3. Local support for three years must be provided by the party/manufacturer. By default warranty/bank guaranty for 3 years will be applicable for all items mentioned in tender.
4. The name of your principal party (if any) is to be indicated for the items, so as to enable to place the order with the principal.
5. **Usual payment terms:** 80% against successful installation, testing, training, tagging, satisfactory certification from concerned HOD and 20% after submission of Bank guarantee for three years of 10% of the total purchase order.
6. **The tender form is not transferable.**
7. The offer value is to be calculated on the basis of Rate x Quantity
8. Tender documents should be sealed in an envelope along with duly signed terms & condition sheet in the college office **on or before 12th January, 2017 (12:00 noon)**. Late documents will not be accepted.
9. The cost of the TENDER document is in the form of DD of Rs.1000/-- in favour of Director, Walchand College of Engineering, Sangli. This amount is non refundable. The tender document after having downloaded from the college website, www.walchandsangli.ac.in; is to be filled up by the bidder and the filled tender document is to be submitted along with the D.D. Document without D.D. will not be considered.
10. If the space provided in any one of the columns of the tender form is not enough, additional pages may be attached.
11. Earnest Money Deposit (EMD) is to be calculated as 3% of the offered total price of the items for a department. Separate Demand Drafts for each of the departments must be submitted along with the tender documents. Tender submissions, without Demand Drafts will not be considered. Demand Drafts must be drawn on any Nationalized Bank in favour of 'The Director, Walchand College of Engineering, Sangli' payable at Sangli. If the tender offer is not acceptable, the EMD will be refundable.
12. **The right to reject or accept any or all offers with or without modifications from any or all parties without assigning any reason is reserved with the Director, Walchand College of Engineering, Sangli.**
13. The bidder has to submit an undertaking for terms and conditions, if selected for placing the order.
14. Rates quoted should be valid at least for **Two Months**.
15. The supply of materials should be done within two weeks after date of purchase order.
16. Legal matter will be restricted to Sangli jurisdiction.
17. Quantity mentioned in tender for item may vary depending on availability of fund.
18. Enough supporting documents, for example, specifications of the items, customer list, Authorization letter, Sales tax number letter, etc. must be submitted along with the tender documents.

I / We have read the above instructions carefully, and I /we abide by the instructions.

Seal of Company

Authorized Signature

Name:

Date:

Details of EMD

Sr. No.	Department	Total Amount		EMD		D.D. Details		
		Rs.	Ps.	Rs.	Ps.	D.D. No.	D.D. Date DD/MM/YYYY	Nationalized Bank's Name
1	CIVIL							
2	MECHANICAL							
3	ELECTRICAL							
4	ELECTRONICS							

Seal of Company

Authorized Signature
Name:

Date:

For more details for filling up of the tender form, following respective head of the department may be contacted.

Sr. No.	Name of Department	Contact No.	Email Address
1	CIVIL	(0233)-2300230	Hod.civil@walchandsangli.ac.in
2	MECHANICAL	(0233)-2300716	hod.mechanical@walchandsangli.ac.in
3	ELECTRICAL	(0233)-2300933	hod.electrical@walchandsangli.ac.in
4	ELECTRONICS	(0233)-2304470	hod.electronics@walchandsangli.ac.in