




**OFFICE OF THE PRINCIPAL,
MODEL DEGREE COLLEGE, DEOGARH
Phulapatharakhola, Deogarh, Odisha, India. PIN:768108**

TENDER CALL NOTICE

Notice No. 1085 /Dt: 19-12-2024

Sealed quotations are invited from the intending registered Suppliers/dealers/ firms having valid GST registration/ Tax Clearance Certificate of the last three years/ PAN Card for the supply of **“Laboratory Equipment for the Department of Physics, Chemistry, Botany, Zoology & Mathematics** (Desktop & Printers) of reputed brand. Interested bidders may submit their quotations by **Registered Post / Speed Post** on or before 14 days from date of publication in the newspaper. Quotations received incomplete or after the scheduled date and time shall be summarily rejected. The details of items, specifications, Terms, and Conditions can be obtained from the college website www.mdcdeogarh.org.in The Undersigned reserves the right to accept/reject or cancel any or all quotations without assigning any reasons thereof.


Principal
Model Degree College, Deogarh.

 Model Degree College
DEOGARH

Session-2024-25

TENDER FORM

Tender No & Date	Tender No: _____ Date: _____
Name of The Tenderer	Principal Model Degree College, Deogarh
List of Items	See in Annexure-II
Last date & Time for submission of duly filled in Tender form	With in 14 days from the date of publication on newspaper
Date & Time for opening of Tender & Technical Bid	Date: 07/01/2025 Time: 11.00 AM
Date and Time of the opening of Financial Bids	Shall be intimated separately over email.
Place of opening of Tender	Office of the Principal, Model Degree College, Deogarh
Cost of Tender Form	Rs. 500.00 (Non-refundable) by shape of DD/ Online (NEFT/IMPS) Account Name: Principal Model Degree College Deogarh Account No:39957059550 IFS Code: SBIN0004854 Bank: SBI
Earnest Money in Rupees	@ 02% of the Total Quoted value.


MODEL DEGREE COLLEGE DEOGARH

REQUIREMENT LIST FOR DEPARTMENT OF PHYSICS

Sl No	Name of The Experiment	Technical Specification	Qty
1	Surface Tension by Capillary Rise Method	Rising Table: Cast Aluminium 10cm dia with a stem of 12cm Capillary Tube Clamp: 10cm long fitted with 9mm Rod is attached with Metal Frame, Capillary Tube: Made of glass with different internal diameter, Glass Beaker: 500ml, Travelling Microscope (Vernier Type) CE & ISO Certified	1
2	To determine the height of the building using Sextant	Graduated: -5° to 125° into 1° on the arc, Micrometer: Divided to 1 minute on black drum, Index Mirror: Rectangular, 33x49mm aluminium spattered, Horizon mirror: Circular, 50mm diameter, one half transparent, other half aluminium separated, Shade glasses: Three different densities for direct rays and four Reflected rays, Star Telescope: Galilean monacle 4x40 mm, Case: Hard wood, Base: Tripod cast iron material with levelling screw, Weight of sextant: 1.9kg, Tripod Stand: Material-MS, Rod Height: 6 feet, Weight of case: 2kg, Telescope: Terrestrial CE & ISO Certified	1
3	To determine modulus of rigidity of a wire by Maxwell's needle	Hollow cylindrical: Material Made of brass, Dimension :0.3 m.(L)x 0.3 m(W) X 0.5m (H), Hollow Cylinder length: 40cm, Solid Cylinder: Material Made of Brass, Solid Cylinder Length :40cm, Weight :Approx. 5 Kg, Maxwell's needle, Mirror with graduated scales, Wall Bracket with chuck, Wire, Telescope CE & ISO Certified	1
4	To Study the Characteristics of a Series RC Circuit	Power Supply-Range :0-12V (Variable) DC Regulated Inbuilt Voltmeter-Range: 0-12V , Display: Analog (Moving Coil), Panel Size: Square 70 mm x 60 mm (Lx W), Galvanometer, Range: 1-0-1 μ A, Display: Analog (Moving Coil), Panel Size: Square 70 mm x 60 mm (Lx W), Resistances :10K Ω , 15K Ω & 18K Ω , Capacitors: 1000 μ F, 2200 μ F & 4700 μ F, Toggle Switch: 2way, Dump Switch: 1no, Mains Power :230V/50Hz CE & ISO Certified	1
5	To determine self-inductance of a coil by Anderson's bridge with Null detector	DC Regulated Fixed Power Supply: 3V/150 mA, Standard Capacitor: 0.1 μ F & 0.2 μ F, Standard Resistance: 1000 Ω , Fixed Resistance :0.1 Ω to 1 Ω , Decade Resistance: Range 1 Ω to 1K Ω -3nos, Decade Resistance: Range 10 Ω to 10K Ω -3nos, AC Supply of Frequency :1KHz, Digital Null Detector: Display 3 1/2 7 Segment LED, Interconnection: 4mm CE & ISO Certified	1
6	To study a Parallel LCR circuit	DC Voltmeter-Range: 0-5V, Display: Analog (Moving Coil), Panel Size: Square 70 mm x 60 mm (Lx W), DC Ammeter, Range: 0-25mA, Display: Analog (Moving Coil), Panel Size: Square 70 mm x 60 mm (Lx W), Resistances :100 Ω , 150 Ω & 220 Ω , Capacitors: 0.1 μ F, 0.2 μ F & 0.3 μ F, Inductance: 50mH, Interconnection : 4mm CE & ISO Certified	1
7	To Verify the Thevenin and Norton Theorems	DC Regulated Variable Power Supply: 12V/150 mA, Fixed Resistors: 500 Ω , 200 Ω & 1K Ω , Variable Resistor: 500 Ω /1W, Interconnection: 4mm, Voltmeter-Range: 0-12V, Display: Analog (Moving Coil), Panel Size: Square 70 mm x 60 mm (Lx W), Ammeter-Range: 0-20mA Display: Analog (Moving Coil), Panel Size: Square 70 mm x 60 mm (Lx W), Mains Supply: 230V /50Hz AC CE & ISO Certified	1
8	To determine the Frequency of an Electrically Maintained Tuning Fork by Melde's	Tuning Fork consists of a heavy nickel-Plated U-shaped Prongs with a vibration rate of 60 per second mounted on sturdy metal base, Accurate frequency adjustment can be made With the help of a sensitive electromagnetic coil placed between the prongs. The arrangement can be used in either horizontal or vertical configuration and hence allows two modes of vibration, transverse and longitudinal. The unit operates on 6 Volts, D.C. Supplied with scale pan, Bench clamp with pulley, Weights. CE & ISO Certified	1
9	To determine the I-V Curve & Refractive Index of the Material of a Prism	Scale: Brass, Dia: 6 inch L.C-30 Second, Objective: Achromatic lens, f = 178mm, Aperture 32mm, Slit : Brass with micro meteorical : 90 cross Attached on glass, Eyepiece : 10X, Gauss eyepiece, inbuilt magnifier, Prism- Size : 38 x 38 mm, Height : 38mm, Material : EDF Aperture dia : 25mm, Mercury Bulb, Mercury Bulb Housing, Mercury Transformer CE & ISO Certified	1

10	To determine the I-V Curve & Refractive Index of the Material of a Prism	Scale: Brass, Dia:6 inch L.C-30 Second, Objective: Achromatic lens, f = 178mm, Aperture 32mm, Slit : Brass with micro meteorical : 90 cross Attached on glass, Eyepiece : 10X, Gauss eyepiece, inbuilt magnifier, Prism- Size : 38 x 38 mm, Height :38mm, Material :EDF Aperture dia : 25mm,Mercury Bulb, Mercury Bulb Housing, Mercury Transformer CE & ISO Certified	1
11	To determine specific heat of liquids by method of cooling	DC Power Supply-Voltage Range: 1.5V-12V, Current Range: 3A Joules Colorimeter Apparatus, Digital Voltmeter-Range:0-20V, Display: Analog (Moving Coil), Panel, Size: Square 70mm x 60mm (Lx W), Digital Ammeter-Range: 0-20A, Display: Analog (Moving Coil), Panel Size: Square 70mm x 60mm (Lx W),Rheostat, Contact: Spring loaded copper blades, Connecting Lead, Thermometers (1/10°C) CE & ISO Certified	1
12	Specific heat of solid by applying radiation correction method	DC Power Supply, Digital Balance, A Base, Rod, Clamp, Copper boiler with power cable, Thermo flask, Digital Thermometer Copper Material Pack Bottle, Lead Material Pack Bottle Glass Material Pack Bottle, Glass Beaker, Rubber Tube CE & ISO Certified	1
13	Bipolar Junction Transistor (BJT) In CE & CB Mode	Inbuilt Variable DC Power Supply, Range:0-1V/100mA&10V/ 100mA (Variable),DC Voltmeter, Range :0-1V & 0-10V , Display: Analog Pointer Type, Panel Dimensions: 60mm x 55mm x 10mm, DC Ammeter, Range :0-250µA & 0-50mA, Display: Analog Pointer Type, Panel Dimensions: 60mm x 55mm x 10mm, Transistor: NPN & PNP, Variable pot: 1K & 10K, Interconnection :4mm, Mains Supply :230V/50Hz CE & ISO Certified	1
14	To design a Wien bridge oscillator for given frequency using an op - amp	DC Supply Regulated: +12V (Fixed), Regulated: - 12V (fixed), OPAMP: IC741, Resistor: 100KΩ,10KΩ, Variable Capacitor, Range:0.01µF,0.047µF,0.1µF (Rotary Switch), Offset Adjust: Variable Control, Inter Connection: 4mm, Mains Power :230V/50Hz Digital Storage Oscilloscope CE & ISO Certified	1
15	To study phase shift oscillator using BJT	DC supply-Range: +5V, BJT:CL100S, Resistor:4.7KΩ-3nos, 47KΩ,10KΩ,2.2KΩ,680Ω, Capacitor:0.1µF-3nos,1µF,22µF, Interconnection :4mm, Mains Supply :230V/50Hz, Digital Storage Oscilloscope CE & ISO Certified	1
16	To Study V-I Characteristics of Zener Diode & Its Use As Voltage Regulator	DC Supply (Inbuilt in Kit),Range: 0-15V/100mA (Variable), DC Voltmeter Type: Moving Coil, Range: 0-15V, Display: Analog Pointer Type Panel Dimensions: 60mm x 55mm x 10mm, DC Voltmeter Type: Moving Coil, Range: 0-12V, Display: Analog Pointer Type Panel Dimensions: 60mm x 55mm x 10mm, DC Ammeter Type: Moving Coil, Range: 0-50mA, Display: Analog Pointer Type Panel Dimensions: 60mm x 55mm x 10mm, Variable pot :500K, Zener Diode: 6.2V,8.2V&12V, Load Resistance Selector: 50,100,220,330,500Ω & 1KΩ,10KΩ , Interconnection :4mm , Mains Supply :230V/50Hz CE & ISO Certified	1
17	Digital Storage Oscilloscope	70MHz Dual Trace Dual Channel Digital 1mv Sensitivity, CRT Type: 7-inch rectangular with internal graticule 8x10div (1div=1cm).Bandwidth :X1 - DC (AC 10Hz) ~20MHz (-3dB,, Mode:Ch1,Ch2,Dual (Alt/Chop)Add,Ch2 INV CE & ISO Certified	1
18	VTVM	CE & ISO Certified	1
19	Study Photo Electric Effect	DC Voltmeter Range: 0-2V, Display: 3½ Digits 7 Segment LED, DC Ammeter Range: 0-200mA, Display: 3½ Digits 7 Segment LED, Light Source-100W Bulb with intensity control, Photo Cell Vacuum type, Colour Filter-Green, Red, Yellow, Orange, Blue, Mains power-230V, 50Hz +10% CE & ISO Certified	1
20	To verify and design AND, OR, NOT and XOR gates using NAND Gate	DC Supply 0-5V DC, 150mA, Input Data Switch Type: Push Button Material: Plastic Switch Action: Self Locking Action, Mounting Type: Through-hole Pin Count: 6-Pin, LED: Through Hole, LED Size:5mm, Interconnection :2mm patch cord, Circuit & Symbol diagram printed on front panel, Mains Power :230V/50Hz CE & ISO Certified	1
21	4 bit binary Adder & Subtractor Half & Full Subtractor, Adder & Subtractor using full adder IC	DC Supply 0-5V DC, 150mA, Input Data Switch Type: Push Button Material: Plastic Switch Action: Self Locking Action, Mounting Type: Through-hole, Pin Count: 6-Pin, LED: Through Hole, LED Size:5mm, Interconnection :2mm patch cord, Circuit & Symbol diagram printed on front panel, Mains Power :230V/50Hz CE & ISO Certified	1

22	To design an Astable & Monostable Multivibrator using 555 Timer	DC Supply (Inbuilt): +5V/250mA (Fixed), IC : NE555, Led Indicator : 2nos, Resistor : 100K Ω -2nos, 10K Ω -2nos, 1K Ω , Capacitor : 1 μ F, 0.1 μ F-2nos, 0.01 μ F-2nos, 10 μ F, Variable Resistor : 5K Ω , Interconnection : 4mm patch cord, Circuit & Symbol diagram printed on front panel, Mains Power : 230V/50Hz with Signal generator & Digital Oscilloscope CE & ISO Certified	1
23	To determine the Hall coefficient of a semiconductor sample	POWER SUPPLY-Voltage: 0-16V DC continuously variable & stabilized Voltage display: 3½ digit LED Ripple: Less than 25mV, Overload: Current limiting protection, current: 5 A continuously variable, 10% to full rating, Current display: 3½ digit LED, Working voltage: 230V AC, 50 Hz single phase, CONSTANT CURRENT SOURCE-Current: 0-20 mA DC, Resolution: 10 micro amperes, Power: 220V \pm 10%, 50 Hz AC, Display: 3½ digit LED, Weight: 3 Kg approx. HALL EFFECT APPARATUS-Coils: 400 turns. Coil Current: 4.5Amp (Max.) Connection: 4mm safety socket's Core: 150x130mm (LxH), 40x40mm cross section. I Core: Length=150mm, 40x40mm cross section. Core material: Ferromagnetic. Base dimension: 360x180x33mm, Weight: 8.8kg (Approx.) DIGITAL GAUSS METER-Range: 200 Gauss & 2 k Gauss Resolution: 0.1Gauss at 0 - 200 Gauss Offset: By Potentiometer to set ZERO, Display: 3½ Digit LED, Input Voltage: 220 V, \pm 5 %, 50 Hz AC, Axial Hall Probe: InAs, CRYSTAL PCB-Crystal: Ge Wafer, P type, Crystal Size: 6x7 x 0.5mm (LxWxT), Resistivity: 1~ 10 ohm-cm, Orientation: <100> Offset pot: Trim pot Connection: 4mm safety socket CE & ISO Certified	1
24	To measure the resistivity of a semiconductor (Ge) crystal with temperature by four-probe method	Voltmeter - Display: 3½ digit, 7segment LED, auto polarity & decimal Indication. Voltage Range: X1 (0-200.0mV DC) & X10 (0-2.00) (VDC), 4mm socket, Ammeter-Display: 3½ digits, 7segment LED, Current Range: 0-20mA DC, 4mm socket, Oven : Supply: 45V AC (Switch position LOW), 60V AC (Switch position HIGH), Oven Connector: 5 Pin, DIN type, Input Voltage: 220V, 50Hz AC, Fuse: 1A, 250 V, Four probes: Spring type, Probe Spacing: 25mm, Crystal: Ge, P type, Crystal Size: 12 x14 x0.5mm (LxWxT), Resistivity: 1~10 ohm-cm, Orientation:<100>, Connection: 4mm safety socket, Thermometer Type: Mercury, Temperature Range: 0-200° C, Least Count: 1° C, Length: 300mm approx. CE & ISO Certified	1
25	To analyse elliptically polarized light using Babinet compensator	Babinet Compensator, Quarter wave plate, Polariser, Analyser, Eye piece, White light lamp source CE & ISO Certified	1
26	To verify the Stefan's law of radiation and to determine Stefan's constant	DC Power Supply, Range-12V/250mA, DC Voltmeter, Range: 0-12V, Display: Moving Coil Pointer Type, DC Ammeter, Range :0-250mA, Display: Moving Coil Pointer Type, DC Bulb :12V Interconnection: 4mm banana patch cord, Mains Power :230V/50Hz CE & ISO Certified	1
27	Boltzmann constant using V-I characteristic of PN diode	P-N JUNCTION: Selector Switch: V-I and V-T experiment, Bias & Junction Selector Switch at V-I position/ Junction: -Voltmeter Display: Selector Switch at V-T position/Junction: -3½ digit, 7segment LED, auto polarity, Voltage Range: 0.000-1.999V, Current Display: 3½ digit, 7segment LED, Current Range: 0-20mA, Voltage Display: 3½ digit, 7segment LED, Voltage Range: 0.000-1.999V, Temperature Display: 3½ digit, 7segment LED, Temperature Range: 273K to 353K Output Connector: 3 Pin, DIN type, Voltage Range: 0.00-10.00V Oven: Heater pin 4 & 5. Temperature pin 1 & 2, Oven Connector: 5 Pin, DIN type, Diode & Transistor: 4mm safety socket, Input Voltage: 220V, 50Hz AC, OVEN WITH TEMPERATURE SENSOR: Heating Element: 35 ohms, Oven Connector: 5 Pin, DIN type, Ambient Temperature: 353K, Temperature Sensor: Pt100, Output Pin: Heater pin 4 & 5. Temperature pin 1 & 2 Digital temperature indicator to measure temperature directly. CE & ISO Certified	1


Head
Department of Physics


Principal
Model Degree College, Deogarh
DEOGARH

MODEL DEGREE COLLEGE, DEOGARH
LIST OF ITEMS FOR DEPARTMENT OF CHEMISTRY

S.N	Items	Specification	Qty
1	Microprocessor Based Ph Meter	Type : Microprocessor Based, Display : 16 x 2 Alphanumeric, Range : 0 to 14 pH, 0 to 1000mV, Resolution : 0.01 pH, 0.1 mV, Accuracy : $\pm 4\%$, Temperature Compensation: Manual, Calibration : 3 Point, Dimension : 275 x 187 x 94 mm (Approx), Power : 220 V ± 10 v AC, Accessories : pH Electrode, Electrode Stand, 3 Buffers and Operating Manual CE & ISO Certified	2
2	Microprocessor based Potentiometer	RANGE: -414 to +414 mv, Readability: 0.1, Accuracy: ± 0.1 , Display : Parameter mv Calibration: Single Point, Resolution: 0.1 mv, Display: 16x2 LCD, Power: 220 Volt AC ± 10 Volt, Dimension: 275x187x94 mm (Approx.), Accessories: Standard Solutions 4,7 and 9.2 pH Buffers, Glass and Reference Electrode, Electrode Stand and Instruction Manual CE & ISO Certified	2
3	Microprocessor Auto Conductivity/ TDS Meter	Type: Microprocessor Based, Display: 16 x 2 Alphanumeric, Function: Display EC/TDS/ Temperature Simultaneously, Range: EC 0 to 1000 ms Auto Ranging TDS 0 to 1000 ppt Auto Ranging, Temperature: 0 to 70° C Resolution: EC 0.1 μ mhos TDS 0.1 ppm Temperature: 0.1° C, Accuracy: 0.5% Range Cell Constant: Adjustable, Measuring Cell: Platinum DP Type, Temperature Compensation: Auto, Dimension: 275x187x94mm (approx), Power Supply: 230 V ± 10 V AC, 50 Hz, Accessories: Conductivity Cell, Cell Stand, Temperature Probe and Operating Manual CE & ISO Certified	2
4	Single Beam Microprocessor UV-VIS Spectrophotometer with Software	Optical System: Ct Grating Hromator, Wavelength Range: 195 Nm-1020 Nm Wavelength Accuracy: ± 2 Nm Spectral Bandwidth: 2 Nm, Wavelength Repeatability: 1 Nm, Stray Light: =0.3% T@220nm, Photometric Accuracy: $\pm 0.5\%$ T, Photometric Repeatability: 0.2% T, Stability: ± 0.004 A/H @500 Nm Work Pattern: T,A,C, Display Area: 4 Lcd, Zero Setting: Automatic CE & ISO Certified with computer inter face	2
5	Digital Magnetic Stirrer with Hot plate Apparatus	Digital PID Control Stirrer Speed 60-1500 RPM, Stirring Capacity 2L, Top Plate Dimension 180x180mm, Heating Rating -500w	1
6	Digital Balance	Digital weighing machine (analytical) Precision Type- 0.001gm, Readability-1gm, Pan size-80mm	1
7	TLC Apparatus	This mechanism is having movable applicator with inbuilt thickness arrangement between 0 to 2 mm (Minimum Div 0.25mm) if further consists of the components, Spreader(Applicator),Perspex base of 114x23cm to support glass plates, Plate rack aluminium, anodised, for ten 20x20cm or 20x10cm plates, Developing tank with lid, spotting template	1
8	H2S Gass		1
9	Kips Apparatus	Complete Set with All accessories	1
10	Vacuum Pump	Vacuum Pump For Filtration with psi & Oil Immersion	1
11	Water Bath	Digital with PID Control, 10 Litres with 2 Rack Size 400X180X130, temp- RT+5-100C	2
12	Single Distillation Unit (All Glass)2 Lit/Hrs	Capacity-2 Ltr Type: Distillation Equipment Materials: Borosilicate, Power: 5.5-watt (w)Voltage: 230-250Volt (v), Material: Borosilicate/Quartz	1
13	Hot Air Micro oven	Size 14X14X14 With inner SS-304 Digital PID, Controller, Suitable for temperature up to 250C. External body is made of S.S 304 grade with scratch proof and heat resistance paint, Internal structure including door and chamber are manufactured from either SS/Aluminum, The double walled chamber is filled with high grade insulation to prevent heat loss, heating element is roped in beds and placed at bottom and two sides, Temperature is controlled with a capillary type thermostat and ready by a thermometer, supported on heavy rubber feet to prevent with indicator, temperature control and on/off switch	1
14	Paper chromatography	Paper 100 sheets	1

15	Thermometer	0-200	1
16	Safety Google		10
17	Nitrate Gloves	300 pics Packs	100
18	Pro pipette	10ml	4
19	Dropper	Made of glass with Bub	20
20	Blow Pipe	Made of SS	10
21	Tongs	Made of SS	2
22	Buffer Solution	4ph,7ph,9.2ph	6
23	Test Tube Brush		10

Jashobanta Sahoo

Head


Department of Chemistry

Principal
Model Degree College, Deogarh
DEOGARH

**MODEL DEGREE COLLEGE,
LIST OF ITEMS FOR DEPARTMENT OF BOTANY**

S.N	Items	Specification	Qty
1	Autoclave	SS304 grade, fitted with pressure gauge up to 20psi, spring loaded safety valve for pressure adjustment with tripod stand size 3000mmx300mm stainless	1
2	Digital balance	Digital weighing machine (analytical) Precision Type- 0.001gm, Readability-1gm, Pan size-80mm, capacity 600g, CE & ISO Certified	1
3	Microscope	Monocular Microscope, model-SM-100, LED illumination, battery backup objective 4x, 10x, 40x, 100x spring, widefield eyepiece 10x in thermo case with packing	02
4	Digital Photo Colorimeter	Wavelength Range: 405-700 nm, Filters: Built in 8 Digital Filters, Filters Wavelength: 405nm, 450nm, 480nm, 520nm, 540nm, 578nm, 620nm, 700nm Display Parameters: O.D. % T, Wavelength, Detector: Silicon Photo Diode Accuracy: +0.01 O.D, Stability: +0.02 O.D./ Hour, Light Source: Highly Accurate LED Source, Volume: 1ml Minimum, Dimension: 275 x 187 x 94mm (approx) Power: 230 \pm 10 V, 50 Hz, Accessories: Set of Test Tube- 5nos, Test Tube Holder: 1Nos, Operating Manual CE & ISO Certified	1
5	Herbarium press	metal, heavy iron sheet, with handle and lighting device	1
6	Herbarium paper sheet	printed 100 nos	1
7	Magnetic Stirrer with Hot plate	Digital PID Control Stirrer Speed 60-1500 RPM, Stirring Capacity 2L, Top Plate Dimension 180x180mm, Heating Rating -500w CE & ISO Certified	1
8	Hot water bath	Temperature range: Ambient to 100°C, Accuracy: \pm 0.1°C, Chamber material: Stainless steel Capacity: 10 liters Digital display: Yes, with 0.1°C resolution Over-temperature protection: Built-in safety feature Power supply: 230V, 50Hz CE & ISO Certified	1
9	Physical weight box	Completed set	1
10	Farmers potometer	Glass with stand & Cork borosil or rivera	10
11	Ganong's potometer	Glass with stand & Cork borosil or rivera	10
12	Wilmott's bubbler borosilicate glass parts	Glass with stand & Cork borosil	10
13	Lever auxanometer / arc indicator		1
14	Burette	50ml made of glass	1
15	Pipette	graduated 5ml	10
16	Pipette	graduated 10ml	10
17	Coupling jar	fiber for 10 slide	1
18	Cork borer	set of six	2
19	PH Meter with BIG Graphical 2LCD Display	Auto 5point Calibration, Printer Interface, Auto Temperature Compensation, Range -2.000 to 20 pH, Display: 256 x 64 dots Graphical LCD Display, Range: -2.000 to 20.000 pH, 0 to 1999.9 mV, Resolution:	1

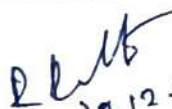
		Selectable 0.1, 0.01 & 0.001 pH, Accuracy: ± 0.002 pH ± 1 digit, Calibration: Auto & Manual with 5 Point Calibration CE & ISO Certified	
20	Thin layer chromatography	This mechanism is having movable applicator with in built thickness arrangement between 0 to 2 mm (Minimum Div 0.25mm) if further consists of the components, Spreader(Applicator), Perspex base of 114x23cm to support glass plates, Plate rack aluminium, anodised, for ten 20x20cm or 20x10cm plates, Developing tank with lid, spotting template Brass applicator (thickness of the layer varied from 1mm to 2mm) thin layer CE & ISO Certified	1
21	Drawing board	drawing rack, developing, chamber, spotting jig, silica gel, micro Pipette ,glass plates 6 nos, glass sprayer with bowl CE & ISO Certified	1
22	Chromatography jar with lid		10
23	Graduated Pipette	10 ml, 5ml, 2ml	10
24	Electric Bunsen Burner	Electric Bunsen burner digital cup fitted in ss housing ,insulated with high density ceamic wool insulation ,control box at bottom side size of cup 55 mm dia 47 mm height ss cylindrical body ss 304 grade, control panel made of ms, working temp 500 centigrade temp control fuse fitted on back side type rotary crucible	1
25	Lever auxanometer		02
26	Protein synthesis, transcription chart		02


 19/12/2024
 HOD Botany



 19/12/24
 Principal
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 DEOGARH

MODEL DEGREE COLLEGE, DEOGARH
LIST OF ITEMS FOR DEPARTMENT OF ZOOLOGY

S.N	Items	Specification	Qty
1	Laminar airflow cabinet with banch-	Body Material: Stainless Steel (SS-304 Grade-Strictly) Complete -SS inner & Outer Body Work Bench: 3 x 2 ft single-piece stainless steel work surface. Filters: HEPA filters with a minimum efficiency of 99.99% for 0.3 microns UV lamp: A UV germicidal lamp with an intensity of more than 40 microwatts per square centimetre over the entire work surface Lighting: Built-in fluorescent lighting with all-white surfaces Motor Blowers: A frequency-controlled drive based dual fan motor system for laminar flow and exhaust Airflow velocity: Approx. 90-100 feet per minute Power Supply: 230V, AC, 50Hz, AC Mains only Front glass window: At least 6 mm anti-UV toughened front glass window with adjustable balancer suspension	1
2	Autoclave	Body Material: Stainless Steel Shape: Vertical Capacity:15-20 liter , Insulation Wall: Double Wall Pressure Range: 15-20 psi Temperature Range: 110-120 Degree Celsius, Power Supply:220 / 230 Volts, 50 Hz	1
3	Hot Plate	Size (Dimension) & Shape: Approx. size 10 x 12 inches (minimum), Rectangular Body Material: Metal Top Plate Finish: Ceramic Coated resistant to acids, bases Heating Plate Temperature: upto2500C Controller: Energy Regulator and capable to achieve set temperature quickly. Power Supply: 220 / 230 Volts, 50 Hz	1
4	Hot water bath	Temperature range: Ambient to 100°C, Accuracy: $\pm 0.1^{\circ}\text{C}$, Chamber material: Stainless steel Capacity: 10 liters Digital display: Yes, with 0.1°C resolution Over-temperature protection: Built-in safety feature Power supply: 230V, 50Hz	1
5	Microscope	Magnus MLX- B Plus -Binocular Microscope Standard microscope set complete with built-in 6V20W halogen light illuminator with universal SMPS power supply for 100V~240V, quadruple ball bearing nosepiece, co-axial coarse and fine focus drive controls, high resolution long barrel Plan Achromat objectives 4x, 10x, 40x (spring) and 100x (spring, oil immersion), , widefield paired eyepiece HWF10x (F.N.18), right hand control co-axial low drive mechanical stage, focusable rack& pinion drive Abbe condenser 0.9/ 1.25 N.A with iris diaphragm complete set.	1
6	Digital Photo Colorimeter	Wavelength Range: 405-700 nm, Filters: Built in 8 Digital Filters, Filters Wavelength: 405nm, 450nm, 480nm, 520nm, 540nm,578nm, 620nm, 700nm Display Parameters: O.D. % T, Wavelength, Detector: Silicon Photo Diode Accuracy: +0.01 O.D, Stability: +0.02 O.D./ Hour, Light Source: Highly Accurate LED Source, Volume: 1ml Minimum, Dimension: 275 x 187 x94mm (approx) Power: 230 \pm 10 V, 50 Hz, Accessories: Set of Test Tube- 5nos, Test Tube Holder: 1Nos, Operating Manual CE & ISO Certified	1


 19-12-24
 Head

Department of Zoology


 Principal
 Model Degree College Deogarh
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Department of Mathematics
Model Degree College, Deogarh
List of Required Equipment

1. All-in-One Desktop: Specification Details

Quantity: 03

- "Processor: 12th Gen Intel Core i5-12450H | Speed: 2.0 GHz (Base) - 4.4 GHz (Max) | 8 Cores (4P + 4E) | 12 Threads | 12MB Cache
- Memory: 8GB RAM DDR4-3200, Expandable up to 16GB || Storage: 512GB SSD || Graphics: Integrated Intel UHD Graphics
- Display: 23.8 inch(60.5 cm) FHD (1920x1080) IPS | Anti-glare | Brightness: 250 nits
- Camera: IR Camera || Audio: 2x 3W Stereo speakers | High Definition (HD) Audio, Realtek ALC256 codec
- Connectivity: Wi-Fi 6, 11ax 2x2 | Bluetooth 5.1
- Ports: 1x HDMI 1.4 | 2x USB-A 2.0 | 2x USB-A 3.2 Gen 2 | 1x Ethernet (RJ-45)
- In The Box: All in One (AIO) | Wireless Keyboard | Wireless Mouse | Adapter

2. All-in-One Printer with Duplex feature: Specification Details

Quantity: 01

- Printer Type: InkTank; Functions: Print, Scan and Copy; Printer output: Colour; Connectivity: USB 2.0, Wifi; Scanner: Yes; Scanner resolution: 1200X2400 dpi
- OS Compatibility: Windows XP / XP Professional / Vista / 7 / 8 / 8.1 / 10 Windows Server 2003 / 2008 / 2012 / 2016 / 2019 Mac OS X 10.6.8; Mobile connectivity: Yes; Hardware Interface: USB 2.0, Wifi; Enlarge/reduce option: Yes; Duplex: Yes
- Maximum Print Speed: Up to 33.0 ppm / 15.0 ppm; Print type Monochrome; Maximum Print Resolution: 5760 x 1440 dpi
- Page size: A4, Legal, letter; Max paper thickness: 256 gsm; Maximum Input Sheet Capacity: Upto 100 sheets;
- Additional Printer Function: Print, Scan, Copy;
- Power wattage of printer: 12W
- Special Features: All in One; Ideal Usage: Home and Office;
- Included Components: Inks, Printer, User Guide, USB Cable

S. S. S. S. S.
Head
19/12/24

Department of Mathematics

S. S. S. S. S.
Principal
Model Degree College, Deogarh
Model Degree College
DEOGARH

NOTICE INVITING TENDER

The Principal Model Degree College, Deogarh invites sealed tenders under "TWO BID SYSTEM" from reputed suppliers of good standards for selection of a supplier for the purpose of supplying different items to Principal, Model Degree College, Deogarh

"TWO BIDS SYSTEM"

Tenderer should take due care to submit the tender in accordance with requirement in sealed covers. Bids received shall be evaluated as per the Criteria prescribed in the tender document.

The College will not entertain any modifications subsequent to opening of bids and bids not conforming to tender conditions shall be liable to be rejected. Therefore, bidders are advised to submit their bids complete in all respects as per requirement of tender document specifying their acceptance to all the clauses of Bid Evaluation Criteria, General terms and conditions and compliance to the Scope of Work requirement etc.

i) Technical Bid shall consist of all technical details along with commercial terms and conditions.

AND

ii) Financial Bid shall indicate item-wise price for the items mentioned in the technical bid.

The technical bid and the financial bid should be sealed by the bidder in separate covers duly superscribed as "Technical Bid" and "Financial Bid" respectively. Both these sealed covers should then be kept in a bigger cover which should also be sealed & duly superscribed as "Tender for Supplying (Name of the item) to Principal Model Degree College, Deogarh." The Letter of Willingness, Tender Fee DD receipts towards cost of Tender form, Check List and the EMD draft should be kept in the Bigger Cover.

In case of any clarification required relating to the tender kindly mail to us on this email id mdcdeogarh@gmail.com

Tender documents for supply of different items can be obtained from college office on all working days between 9A.M. and 1P.M on payment of a non-refundable cost of Tender form of Rs 500/- in the form of a Demand Draft (DD)/ Online (NEFT/IMPS) Principal Model Degree College, Deogarh, Account No: 39957059550, IFS Code: SBIN0004854, Bank: State Bank of India in favor of Principal Model Degree College, Deogarh. Payable SBI Deogarh Bank. The tender document is not transferable to any other person.

I.Pre-Qualification Criteria

The bidder should meet the following pre-qualification criteria:

- A. The bidder must be a registered company in India, registered under the Companies Act 1956 and should be in existence since last 5 years or more. Consortium in any form is not allowed.
- B. The eligibility of the Bidder will be judged basis its own or the OEMs credentials. Hence, in case of bidder is channel Partner, the respective OEM has to authorize in writing on its letter head to allow the Partner in using its credentials for eligibility.
- C. OEMs / Channel partners of OEM's can participate in this tender. For execution of orders, OEM may declare in the Manufacturer's Authorization Form its channel partners who will be treated as supplier.

- D. The OEMs / Channel partners of OEM's should have executed at least Three single order of Value Rs. **50 Lakh (Rupees Fifty Lakh Only)** or more in last three financial years for supply and installation of Lab Equipments, Chemical, Glassware and peripherals in Govt./ Semi Govt Colleges in the state of Odisha.
- E. The OEM/ Bidder shall have implemented at least 3 similar projects minimum worth Rs. 10 Lakh in Odisha Necessary proof of document needed to be furnished.
- F. The OEMs / Channel partner's of OEM's should have presence in Odisha for last 5 (Five) financial years in the same business area with Odisha GST Number. Documentary evidence with self-attested is to be attached with the bid.
- G. The Bidder should have an annual average turnover of Rs. 50 Lakh or above in the last three financial (Audited balance sheet along with CA certificate is to be submitted).
- H. The Bidder should have not been banned / black listed as on date by any Government Agencies / Govt. Department/ Quasi Govt Department / PSU / Board/ council or similar organization on grounds of non- performance, fraud practice, financial irregularities. A self declaration on the letterhead of the bidder duly signed and stamped by the Authorised Signatory to be submitted.
- I. Tender document must be submitted along with all the relevant documents. This is required to show that the bidder had accepted all the terms and conditions mentioned in this tender document.
- J. However, of Principal Model Degree College, Deogarh Authority reserves the right to evaluate the Bidder's performance through the report from any Govt. Department / Quasi Govt. Dept / PSU / Board Council or similar organization at their own discretion or ask the bidder to produce service satisfaction certificate from the customer base mentioned as per above criteria.
- K. Technical Brochures of items quoted. Printed and published Brochure and / or Web site reference essential (customised statement on OEM letter head or likes is not acceptable).
- L. The bidder should have valid documentary proof of GST registration
- M. PAN registration number- Self-Certified Copy of PAN /GST registration
- N. The bidder should submit (self-attested) documentary proof in support of each of the above conditions. The Incomplete offers will be summarily rejected without any further correspondence.
- O. Bidders who will qualify basis the above criteria may be called for a technical presentation in order to evaluate the technical understanding and capability of the bidders. Tendering authority has all the rights to reject or select the bidders for further evaluation.
- P. Tendering authority reserves the right to accept or reject any or all the offers without assigning any reason.

II.ADDITIONAL TERMS & CONDITIONS

The Projects are to be implemented on a turnkey basis in all the Science Department as given below. The successful bidders are responsible for supply including installation.

- A. Must have average annual turnover for the last 3 years should not be less than Rs 50 Lakhs. The bidder must submit copy of audited balance sheet and profit & loss account along with the acknowledgement of Income Tax Return as a proof in the Technical Bid.
- B. Should not have been blacklisted by any State Govt. / Central Govt. / PSU India. A self-declaration is required as per Annexure III.
- C. Supplier must have ISO- 9001,1400,45001 certificate.

- D. Bidder should have Udyog Aadhar/ MSME/SSI Registration Certificate.
- E. CE Certificate
- F. The bidder should quote for all packages the items as per technical specification mentioned in Annexure I. The list of items available with the tenderer. Original Technical Catalog as Proof of Technical Specification should be enclosed by Bidder; merely Copy & Paste of Technical Specification will be outright Rejected.
- G. The bidder should compile as per Annexure I, duly filled in, signed and complete in all respects. No alteration / modification in the format shall be permitted.
- H. Performance Statement- Annexure-VI
- I. If any Technical conflict arises while evaluating the Technical Bid, Principal Model Degree College, Deogarh may ask for Live Demonstration of same product in front of the Purchase committee.

1. LIST OF ITEMS:

Supply of Laboratory equipment's to Principal Model Degree College, Deogarh The items have been described in Annexure-I A bidder can submit financial bid for any number of items however care should be taken to submit for accounting units mentioned against each item.

2. BIDDER:

The term Bidder shall mean Company, Firm, Agency or the Individual to whom the Contract is awarded and shall include its/ his/ her/ its heirs and legal representative. Successful Bidder is referred to as "Party" in this tender document.

3. EARNEST MONEY DEPOSIT (EMD)

1. EMD, otherwise known as Bid Security is to be submitted by the bidder along with the bid in shape of bank draft or Banker's cheque in favour of Principal Model Degree College, Deogarh. No other mode of payment will be accepted amount deposited against any other tender will not be considered for adjustment against this tender.
2. The amount of EMD to be submitted by the bidder shall be 02% of the estimated value of the item. The Offers not accompanied by the required EMD are liable to be rejected.
3. The EMD will be returned to the unsuccessful bidders after expiry of the final bid validity period or within 30 working days from the date of issue of the work order whichever is earlier without any interest and Firms Registered under MSME (for Odisha State Only) are exempted from Submitting EMD. Bid security declaration should be provided along with MSME /Start-up proofs.

4. MODE OF PAYMENT

1. Payment shall be made through NEFT/ RTGS transfer only after satisfactory supply of the said items.
2. The principal shall be at liberty to withhold any of the payments in full or in part.
3. No advance payment will be made in any case
4. The 100% payment shall be given within 30 days after satisfactory installation of the equipment / material supplied & necessary training of operating personnel.

6. MODE OF SUBMISSION OF TENDER

- A. Tender should be submitted by tenderer in prescribed form.
- B. Tenderer should submit their offer in two parts as under:
 - (a) Technical Bid, consisting of technical details, drawing/catalogues/ brochures, data sheets or models etc. (Annexure-II)
 - (b) Financial Bid on prescribed format attached with the tender document (Annexure-IV)
- C. Proposals complete in all respect should be submitted to the Principal Model Degree College, Deogarh through Speed Post/ Registered Post only. Delivery in person shall not be accepted.
- D. All details asked for in the Annexure(s) should be properly filled in and each page of tender should

be Stamped & Signed by the tenderer. Failure to attach Annexure required may invalidate the tender.

- E. Any tender which is not found in the proper form or is received late due to postal delay or otherwise shall in no case be accepted.
- F. The bidder is expected to examine all instructions, forms, terms and specifications in the bid document. Failure to furnish all information required as per the tender document or submission of bids not substantially responsive to the bidding document in every respect will be at the bidder's risk and may result in rejection of the bid.
- G. Offers should be typed and Price be quoted in words as well as in figures. In case of any discrepancy or variation in between figures and words is found, the offer in words shall be finally acceptable. Disagreement with this provision shall entail the bid as non-responsive and subsequently rejected.
- H. Tender documents are not transferable.
- I. Incomplete tenders or tender received after due date and not accompanied with earnest money deposit shall be rejected.
- J. In no case the bidding manufacturer or the bidder, otherwise can authorize any other agency whatsoever to supply the items to purchaser and receive payment in respect thereof.
- K. No amendment or supplementary attachment in the bidding document shall be allowed or entertained after the bid having been submitted to the purchaser. No representation there to at any stage shall be entertained.
- L. **Principal Model Degree College, Deogarh** reserves the right to reject any or all offers or increase/decrease in quantities, call for acceptance the offer in full or in part, without assigning any reasons thereof.
- M. ISO certified Company should have established service team & network across the state.
- N. The principal is not bound to accept the tender quoting the least in the financial bid. The principal reserves the right to place order for a part of the quantity offered. The rates quoted by the bidder shall be valid for any such part.
- O. They should be registered for GST/CST/ST & Income Tax and should enclose copies of relevant certificates.
- P. Tenderer will have to produce all these original documents at any time as deemed by the Institute.

7. TERMS & CONDITIONS

The tenderer are requested to follow the below mentioned instructions:

- A. Failure to comply with the conditions will result in forfeiting of the tender. Please cross out any mistakes and rewrite the same and countersign.
- B. Cost involved in submitting the bids, attending the tender opening meeting, arrangements for the demonstration /presentation etc. shall be borne by the bidder.
- C. No tenderer shall be allowed to withdraw the tender rates after opening of the tender. If any tenderer withdraws the rates, the EMD amount deposited by him shall be forfeited and he shall be disqualified from participating in any future tender of the Institute.
- D. Rates should be offered unconditionally and if rates are submitted with any condition the tender shall be rejected.
- E. Tenderer shall have to quote item wise rates; consolidated rates shall not be considered and tender shall be liable to be rejected out rightly.
- F. Tenderer/Manufacturer should have extensive experience of at least 05 years of designing, manufacturing, Supplying, installation and commissioning of the required item.
- G. It is a compulsory requirement that the items offered make and model, as quoted by the bidder must be supplied, installed and must be in good working condition.
- H. Tenderer should quote for the whole set of items required and should be willing to undertake responsibility of commissioning, warranties and after sales service. Part offer/offers not as per given specification will not be considered.
- I. Tenders should comply all the terms and conditions given in the tender document and be quoted for the specification given in the tender documents.

- J. Notwithstanding anything stated herein above, the principal reserves the right to assess the tenderer capability and capacity to perform the contract, should the circumstances warrant such assessment.
- K. In case any part of the equipment supplied being found to be non-functional the entire unit of equipment shall be taken as non-functional
- L. The principal reserves the right to change the quantity/ upgrade the criteria/ drop any item or part thereof/extension of delivery date at any time before placing the purchase/ work/ supply order.
- M. Right of Acceptance: The college authority is not bound itself to accept the lowest tender. It is the sole discretion of the principal to place order for better quality.
- N. Signing of Tender: The individual signing the tender (or the documents in connection with it) must specify whether he/she is signing as:
- (i) A sole proprietor of the farm, or constituted attorney of such proprietor.
 - (ii) A partner of the farm, if it be a partnership, in which case he/she must have the authority to refer to arbitration, disputes if any, concerning the business of the partnership, either by virtue of the partnership agreement or power of attorney.
 - (iii) Authorized signatory of the farm, if it is a company, a letter of the authority in this respect must be closed along with the bid.
 - (iv) A person signing the tender form or any part thereof, on behalf of another, shall be deemed to warrant that he/she has the authority to bind the other and if on inquiry it appears that the person so signing has no authority do to so, Principal may without prejudice to other Civil and Criminal remedies, cancel the contract and hold the signatory liable for all costs and damages.

8. PRICES

Farm will submit the prices (all inclusive) for each item to be quoted on prescribed format attached with the tender document including charges for installation and commissioning with at least One year (12 months) Warranty from the date of satisfactory installation and commissioning of the equipment. The installation will include the mechanical, civil, electrical, furnishing work (if any) required at site. The tenderer should take care that the rates and amounts are written in such a way its mis interpretations not possible.

The price ranking will be carried out as under:

1. The prices of optional items if not required as per technical specifications will be excluded for ranking purpose.
2. The ranking will be determined as under. Total Price (Cost) = Price quoted with all accessories as per technical specifications along with all the taxes and charges (if any). All these calculations must be clearly written by the bidder in price bid.
3. Offer with any price variation clause will not be accepted. The rates quoted in ambiguous terms such as "Freight on actual basis", "taxes as applicable extra" or "packing & forwarding extra" will render the tender liable for rejection.
4. G.S.T. or Central sales tax (C.S.T.) or as applicable must be reflected in the financial bid and the tax amount is to be clearly indicated separately but included in the lump sum price.
5. Bids shall be accepted with price quoted invariably in Indian Currency.
6. No increase in price shall be allowed even if claimed on the grounds of any statutory increase or fresh imposition of any other tax later.
7. Discount, if any, offered by the bidder shall not be considered unless specifically indicated in the price schedule and shall be taken into account for consideration only if it is quoted clearly with net price taking all such factors like discount, free supply etc. to arrive at net price.
8. Prices: The tenderer are required to quote as per "Annexure" (Financial Bid) in a Separate Envelope. The rates quoted shall include the cost of Material, labour, Transport & Packaging etc., as required for the completion of work.

9. VALIDITY OF BID:

The bid will remain valid for 3 months from the date of opening of financial bid. The quoted price will remain firm and in case of acceptance of the tender the prices will remain firm till execution of the complete order and will not be subject to the price escalation on any account whatsoever.

10. TECHNICAL PREFERENCE BID EVALUATION PROCESS

Sl. No	Description	% Weightage
1	GENERAL DOCUMENTS (GST/VAT/PAN/ITR)	10%
2	EMD/TENDER FEES	10%
3	ISO Certificate	10%
4	MSME UDYOG AADHAR /SSI Certificate	10%
5	TECHNICAL CATALOG/ LITERATURE/DRAWINGS /	10%
6	PHYSICAL PRE DEMONSTRATION AT COLLEGE (ONLY)	20%
7	PO COPY (CENTRAL INST/ RESEARCH INST/ UNIVERSITIES (UGC) / RUSA COLLEGES WITH INSTALLATION COPY	10%
8	AFTER SALES CAPACITY / (PROOF) SERVICE WORK ORDER COPY	20%

- A. Tenderer/Manufacturer should have extensive experience of at least 05 years of designing, manufacturing, Supplying, installation and commissioning of the required item.
- B. It is a compulsory requirement that the items offered make and model, as quoted by the bidder must be supplied, installed and must be in good working condition.
- C. Tenderer who has their own sales and service station (With GST Registration) in Odisha should only quote.
- D. Tenderer should quote for the Complete Experiments only as per ANNEXURE-I ("No Optional accessories") should be quoted separately. No Alternative Model is acceptable and also should be willing to undertake responsibility of commissioning, warranties and after sales service. Part offer/offers not as per given specification will not be considered.
- E. Tenders should comply all the terms and conditions given in the tender document and be quoted for the specification given in the tender documents and must have enclosed Tender Compliance Statement.
- F. Notwithstanding anything stated herein above, the principal reserves the right to assess the tenderer capability and capacity to perform the contract, should the circumstances warrant such assessment.

11. FINANCIAL BID EVALUATION & AWARD OF CONTRACT

- A. Least Cost Selection Method" will be followed. (Technically Evaluated "L1"), Preference will be given those have quoted Maximum number of Items.
- B. The farm, who will Technically Qualified in Technical bid evaluation with lowest financial Process , shall be declared as the eligible bidder and shall be communicated for further process leading to issue of "Supply Order".
- C. The eligible bidder will be intimated by the principal by email/ speed post and will be asked to acknowledge the "Letter of Intent (LoI)/ Work Order" and to submit the "Performance Security" within 21 days of issuance of intimation by the principal in shape of DD/BG.
- D. The "Performance Security" is unconditional and irrevocable.
- E. Performance Security must remain valid till warranty period of the goods.
- F. After receipt of the "LoI" or after issue of work order if due to any reason(s) the eligible bidder withdraws its willingness to supply the required goods then the EMD/Performance Security deposited by the same farm will be forfeited by the principal and farm securing the next eligibility position in the financial bid will be awarded with contract, after submission of the required Performance Security amount & EMD.
- G. Once the Supply Order is issued by the college, the concerned farm must supply and install the

required number of items within 10 days from the date of issue of the supply order. No further time will be allowed without any valid reason and without prior approval of the same from the principal.

12. TEST AND INSPECTIONS

Upon completion of the installation work, the tenderer/supplier shall facilitate inspection of the equipment by the principal or his authorized representative, to inspect & test the equipment and to confirm that they are installed in conformity to the required specifications and are serving the desired purpose. Any defect or failure to serve the desired purpose, discovered during the inspection will be promptly rectified and made good to the satisfaction of the principal or his authorized representatives.

13. GUARANTEE/ WARRANTY (Annexure-IV)

The tenderer shall furnish along with their quotations the under noted Guarantee/Warranty:

- A. The Guarantee/ Warranty shall be for a period of at least 12 months from the date of satisfactory installation and handing over the equipment and of works conducted there with covered under the contract in working order. During the guarantee period the replacement of any part(s) of the equipment or rectification of defect of works will be free of cost. If the down time exceeds seven consecutive days at any one time, the guarantee period will be extended beyond aforesaid 12 months by a duration equal to the total down time during the period of warranty.
- B. The tenderer should produce written guarantee stating that the equipment being offered is latest model and that spares for the equipments will be available for a period of at least five years after its supply to the purchaser.
- C. The tenderer whose tender is accepted shall furnish the warranty (Where Ever Applicable) in Annexure-IV Along with Bill.
- D. The manufacturer and the tenderer should guarantee the entire unit against defects of manufacture, workmanship and poor quality of components.
- E. The tenderer shall bear all cost of such replacement, including freight, if any, of such replace or repaired equipment and/or other articles but without being entailed to any extra payment on that or any other account. All documents required for replacement in part/parts will be made available by the indenter.

14. TRAINING OF PERSONNEL

The successful tenderer will be required to undertake to provide training for personnel, involved in the use of equipment at site.

15. LEGAL JURISDICTION

All questions, dispute of difference arising under out of or in-connection with the contract if concluded shall be subject to the exclusive jurisdiction of the court within Deogarh

16. FRAUD AND CORRUPTION

It is required that the purchasers as well as bidders/ suppliers observe the highest standard of ethics during the process of procurement and execution of contracts. In pursuance of this policy, the purchaser defines for the purpose of this provision the terms set forth below as follows:

- A. "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in execution of contract.
- B. "Fraudulent practice" means a misrepresentation of facts and/or concealment of facts in order to influence the procurement process or the execution of a contract to the detriment of the purchaser, it includes collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive level sand to deprive the purchaser from the benefit so free and open competition.
- C. In case of above forbidden practices adopted by any farm being detected, the purchaser shall have right to declare the farm in eligible and subsequently debar the farm either for an indefinite period or for a stated period of time for participation in any tender, award of contract and initiate appropriate legal action as per court of law.

TECHNICAL COMPLIANCE SHEET

(In Company Letter Head)

To,
The principal
Model Degree College, Deogarh
Phulapatharakhola, Deogarh, Odisha, India. PIN:768108

Sub: Technical Compliance for the Department of _____

Tender Ref :

Dear Sir,

I, the undersigned, offer to participate in the selection process to select supplier for "Lab Equipment's /Chemicals/Glassware/ for department of Physics, Chemistry, Botany, Zoology & Mathematics" at the college, in accordance with your Tender No:

I am here by submitting Technical Proposal, which includes EMD, Technical Proposal and Financial Proposal sealed in separate envelopes. I, hereby declare that all the information and statements made in the Technical & Financial Proposals are true and correct. I accept that any misinterpretation contained in it may lead to disqualification of my proposal.

I hereby unconditionally undertake to accept all the terms and conditions as stipulated in the Tender No document. In case any provision of this Tender is found violated, then your College shall without prejudice to any other right or remedy be at liberty to reject our proposal including forfeiture of the full said earnest money deposit absolutely.

Sl No	Item Name	Tender specification	Bidder/Vendor Specification	Make & Model	Compile (Yes/No)	Any Deviation
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

N.B:

- Separate Annexure-I to be attached for Each Department.
- Alternative Make/Models strictly prohibited.
- Optional items strictly prohibited,
- Each item should complete in all respect

Place:

Signature and with seal of tenderer

Date:

BIDDER DETAILS

(In Company Letter Head)

SI No	Particular	Details
1	Name of the Firm /Agency/Company	
2	Registered Office Address & Complete Postal Address	
3	Telephone Number, E-mail id and Website details	
4	Contact No. of Authorized Signatory	
5	Name of Authorized Signatory (In Block Letter)	
6	Type of Firm (Proprietary/ Partnership/ Pvt. Ltd/ Public Ltd)	
7	Date of Establishment and Experience in business (in number of years)	
8	G.S.T. Registration No.	
9	PAN No.	
10	Details of Tender Fee Deposit i.e Draft No. Date and bank name	
11	Details of Earnest Money Deposit i.e Draft No. Date and bank name	
12	Yearly turnover of the organization during Last 3 years (year wise) and furnish audited balance sheet & profit and loss A/C for the last 3 years 2021-22,2022-23,2023-24	
13	performance /Work Experience of organization	

Place:

Signature and with seal of tenderer

Date:

SELF DECLARATION CUM UNDERTAKING

(In Company Letter Head)

To,

The principal

Model Degree College, Deogarh

Phulapatharakhola, Deogarh, Odisha, India. PIN:768108

Dear Sir/Madam,

It is certified that my Farm/ Agency/ Company has never been **black listed** by any of the Departments/ Autonomous Institutions/ Universities/ Public Sector Undertakings of the Government of India or Government of Odisha or any other State Government or reputed educational institutions and no criminal case is pending against the said Farm/ Agency/ Company as on date_____.

Place:

Signature and with seal of tenderer Date:

Date:

GUARANTEE / WARRANTY

(In Company Letter Head)

To,
The principal
Model Degree College, Deogarh
Phulapatharakhola, Deogarh, Odisha, India. PIN:768108

Dear Sir/Madam,

I/We hereby declare that the equipments and other articles supplied to the purchaser under this contract shall be of the best quality and workmanship and are strictly in accordance with the specification and particulars contained/mentioned in the clause hereof and I/we hereby guarantee that the said equipment and other articles confirm to the description and quality aforesaid.

The purchaser will be entitled to reject the said equipment and other articles as may be discovered not to confirm to the said description and quality. On such rejection the equipment and other articles will be returned in own risk and all the provision herein contained relating to rejection thereof shall apply. I/we shall, if called upon to do so, replace within a period of 14 days or such further period that be extended from time to time by the purchase at his discretion, and an application made thereof by us, the equipment and other articles as are rejected by the purchaser and in such an event the above mentioned Warranty shall apply to the equipment and/or other articles replaced from the date of replacement thereof, otherwise the tenderer shall pay to the purchaser such damages as may arise by reason of therein contained without prejudice to any other right of the purchaser in that behalf.

The equipment being offered is latest model and that spares for the equipments will be available for a period of at least five years after its supply to the purchaser.

The Guarantee/ Warranty shall be for a period of at least 12 months from the date of satisfactory installation and handing over the equipment and of works conducted there with covered under the contract in working order. During the guarantee period the replacement of any part(s) of the equipment or rectification of defect due to manufacturing of works will be free of cost. If the down time exceeds seven consecutive days at any one time, the guarantee period will be extended beyond aforesaid 12 months by duration equal to the total down time during the period of warranty.

Place:

Signature and with seal of tenderer

Date:

LETTER OF WILLINGNESS

(In Company Letter Head)

To,
The principal
Model Degree College, Deogarh
Phulapatharakhola, Deogarh, Odisha, India. PIN:768108

Sub: Submission of willingness certificate to supply/ install (name of the item/items) at your college premise.

Dear Sir/Madam,

I am to inform you that my farm (name of the farm with address) is ready to supply/ install (name of the items) within the specified period of receipt of work order from the college, if my farm is selected as eligible bidder during the selection of tender. I am willing to accept all the clauses of Bid evaluation criteria, general terms and compliance to the scope of work requirement as mentioned in the Tender form. If my farm fails to supply and install the required items in the quoted price, my EMD/ performance security will be forfeited.

Place:

Signature and with seal of tenderer

Date:

PAST WORK EXPERIENCES

(In Company Letter Head)

To,
 The principal
 Model Degree College, Deogarh
 Phulapatharakhola, Deogarh, Odisha, India. PIN:768108

Dear Sir/Madam,

I am to inform you that my firm (name of the firm with address) is already supply & installed in below mentioned colleges and successfully completed the work within stipulated time period.

Work of Similar nature of value not less than 10 Lakhs) over the last 3 years						
Sl. No.	Name & Address of The Colleges	List f Items Supplied	PO No & Date	Total Value of Item Supplied	Date Of Supply	Contact No of Concern Person
1						
2						
3						
4						
5						

Place:

Signature and with seal of tenderer

Date:

BANK DETAILS OF THE BIDDER

(In Company Letter Head)

Sl No	Particulars	Details
1	Account Number	
2	Name of A/C Holder	
3	Name of the Bank & Branch	
4	Address of the Branch	
5	IFSC Code	
6	MICR code	
7	Account Type	
8	Contact No. of the Branch	

I /we hereby declare that the particulars given above are correct and complete.

Place:

Signature and with seal of tenderer

Date:

FINANCIAL BID SUBMISSION FORM

(In Company Letter Head)

To,
The principal
Model Degree College, Deogarh
Phulapatharakhola, Deogarh, Odisha, India. PIN:768108

Sub: Submission of Financial Proposal for Department of _____

Tender Ref :

Dear Madam/Sir,

I, the undersigned, here by submitting the Financial Proposal to select supplier for "Supply of Laboratory Equipments/Apparatus" at the college.

I, hereby declare that all the financial figures mentioned the Financial Proposal is true and correct. I also accept that any misrepresentation of financial facts and figures may lead to disqualification of my proposal

Sl No	Name of the items/ Equipment	Company/ Make	Qty	Unit rate in fig. (Rs.)	Total Rs.
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
Total					
GST					
Grand Total					

(Total Rupees in words.....)

Price: - Total price should be inclusive of all taxes. Items quoted must be as per the specifications given in enclosed Annexure-I

N.B:

- Separate Annexure-III to be attached for Each Department.
- Alternative Make/Models strictly prohibited.
- Optional items strictly prohibited,
- Each item should complete in all respect

Place:

Signature and with seal of tenderer

Date:

CHECK LIST

The tenderers are hereby instructed to arrange and submit the following required documents as per the checklist

Note – If tender is not submitted in below mentioned manner by the tenderer, may be treated as Non-responsive & liable to be rejected

Sl. No.	Name of Document	Yes/No	Page No
1	CHECK –LIST		
2	Tender Fee (Separate Envelop)		
3	Earnest Money Deposit (EMD)/ Bid Security (Separate Envelop)		
4	Technical specification with Compliance Statement (Annexure-I) Department Wise (Separate Envelop)		
5	Original Product catalogue for quoted product Department Wise		
6	Dealership/ Authorization Certificate (In case of Dealer) -Up to Date		
7	Bidder Details (Annexure-II)		
8	Self-declaration for not having been black listed (Annexure-III)		
9	Guarantee/Warranty (Annexure-IV)		
10	Letter of Willingness (Annexure-V)		
11	The tenderer should have minimum 03 nos. of similar work orders during last three years in any of the Government organization Work Experience (Annexure-VI)		
12	Photocopies of the similar work order		
13	Installation report of similar items Only		
14	Bank Details of The Bidder (Annexure-VII)		
15	Price schedule in prescribed format (Annexure-VIII) Department Wise (Separate Envelop)		
16	GST Registration Certificate		
17	PAN Card Copy		
18	Audited Financial Statement of preceding last 03 Financial years		
19	Income Tax return of preceding last 03 financial years		
20	Copy of GSTR-3B for Last Months (In case of Dealer)		
21	CA Audited Turn over Certificate		
22	Copy of ISO certificate		
23	Copy of CE certificate		
24	Original Tender form Duly Signed & Stamp on each Page & Numbering		

Place:

Signature and with seal of tenderer

Date: