



CENTRAL UNIVERSITY OF SOUTH BIHAR

SH-7, Gaya- Panchanpur Road, Village- Karhara, Post- Fatehpur,
P.S- Tekari, District- Gaya (Bihar) PIN- 824 236

Date: 27/05/2019

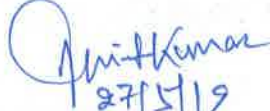
Technical Bid Evaluation Report

Tender Notice No.: CUSB/PSD/LABEQUIP/TENDER/21/2018-19, Dated: 22/02/2019

Subject: Supply and Installation of Laboratory Equipments.

Please refer to above mentioned tender reference, a list of technically qualified/ not qualified bidders is attached herewith as **Annexure 'A'**.

Bidders are required to go through the attached list for comments, if any, on or before **30/05/2019 upto 3:00 PM.**


27/5/19

(Amit Kumar)

Assistant Registrar

Encls: Annexure "A".

1. Biotechnology				
Sl. No.	Equipment	Qty.	Qualified	Not qualified
1	Biosafety Cabinet	1	Not a single bid received	
2	Stereomicroscope	1	1. Ranjan Scientific Traders	1. Angel Scientific Stores 2. Saket 3. Analytics 4. Popular Science Apparatus Workshops Pvt. Ltd.
3	Digital Magnetic Stirrer Hot Plate	1	1. Ranjan Scientific Traders 2. Angel Scientific Stores 3. Popular Science Apparatus Workshops Pvt. Ltd.	1. Saaket 2. Analytics 3. Golcha Enterprises 4. Rose Medicare Pvt. Ltd.
4	BOD Incubator	1	1. Ranjan Scientific Traders 2. Rose Medicare Pvt. Ltd.	1. Angel Scientific Stores 2. Saket 3. Analytics 4. Golcha Enterprises 5. Popular Science Apparatus Workshops Pvt. Ltd.
5	UV Quartz Cuvette (700 µl)	2	No bidder qualified	1. Popular Science Apparatus Workshops Pvt. Ltd.
6	Digital MicroPipettes	1	1. Eppendorf	1. Angel Scientific Stores 2. Popular Science Apparatus Workshops Pvt. Ltd.
7	Micro Centrifuge with Refrigeration	1	1. Ranjan Scientific Traders 2. Eppendorf	1. Angel Scientific Stores 2. Saket 3. Analytics 4. Rose Medicare 5. Popular Science Apparatus Workshops Pvt. Ltd.
2. Life Science				
1	Laminar Air Flow Chambers	3	1. Angel Scientific Stores	1. Analytics 2. Rose Medicare Pvt. Ltd. 3. Popular Science Apparatus Workshops Pvt. Ltd. 4. Saaket 5. Ranjan Science Traders 6. Golcha Enterprises

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2	Autoclave	2	1. Rose Medicare Pvt. Ltd. 1. Popular Science Apparatus Workshop Pvt. Ltd	1. Angel Scientific Stores 2. Analytics 3. Saaket 4. Ranjan Scientific Traders 5. Golcha Enterprises Pvt. Ltd.
3	Digital pH Meter	2	1. Popular Science Apparatus Workshops Pvt. Ltd.	1. Angel Scientific Stores 2. Analytics 3. Saaket 4. Ranjan Scientific Traders 5. Golcha Enterprises Pvt. Ltd.
4	Cyocan/ Liquid Nitrogen Container with canister (20 lit and 50 lit each)	1	Not a single bid received	
5	(-20C) Deep Freezer	1	1. Angel Scientific Stores 2. Saaket 3. Ranjan Scientific Traders	1. Analytics 2. Rose Medicare Pvt. Ltd.
6	(-86c) Deep Freezer - Double Door upright)	1	1. Angel Scientific Stores 2. Eppendorf India Ltd. 3. Popular Science Apparatus Workshop Pvt. Ltd. 4. Golcha Enterprises Pvt. Ltd.	
7	Sphygmomanometer - Mercurial (with Stethoscope)	2	Not a single bid received	
8	Digital Glucometer (with Strips)	4	Not a single bid received	
9	Tissue culture rack (3 for Plants Tissue Culture 3 for Microbiology) with light fitting	6	1. A. M. Biotech (Option 1 & 2)	
10	Micropipette	4	1. Angel Scientific Stores 2. Eppendorf India Ltd. 3. Golcha Enterprises Pvt. Ltd.	
11	Weighing Balance (0.01 mg)	1	1. Angel Scientific Stores 2. Analytics 3. Popular Scientific Apparatus Workshop Pvt. Ltd. 4. Ranjan Scientific Traders	
3. Environmental Science				
1	Binocular Stereo-zoom microscope	1	1. Ranjan Scientific Traders 2. Rose Medicare Pvt. Ltd.	1. Saaket
2	Double distillation Unit	2	1. Ranjan Scientific Traders 2. Angel Scientific Stores	1. Saaket 2. Popular Science Apparatus Workshop Pvt. Ltd.
4. Physics				
1	Determination of Plank's constant by solar cell (complete set-up)	2	1. Osaw Industrial Products 2. Omeag Electronics 3. Popular Science Apparatus Workshop Pvt. Ltd.	
2	Determination of Stefan's constant (complete set up)	2	1. Osaw Industrial Products 2. Omeag Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd. 2. Rose Medicare Pvt. Ltd.

3	Study of electromagnetic induction and verification of Fraday's law (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Rose Medicare Pvt. Ltd. 2. Popular Science Apparatus Workshop Pvt. Ltd.
4	Determination of Young's modulus by bending of beam (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Rose Medicare Pvt. Ltd. 2. Popular Science Apparatus Workshop Pvt. Ltd.
5	Experiment with sonometer (find out frequency of A.C. mains) (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Rose Medicare Pvt. Ltd. 2. Popular Science Apparatus Workshop Pvt. Ltd.
6	Determination of the value of "g" with the help of a bar compound pendulum (complete set up)	2	1. Omega Electronics	1. Osaw Industrial Products Pvt. Ltd. 2. Popular Science Apparatus Workshop Pvt. Ltd.
7	Determination of the refractive index of a glass/water with the help of a microscope (complete set up)	2	1. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
8	Verification of Hooke's law (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
9	Moment of inertia of a flywheel (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
10	Find spring constant of helical spring from load extension graph (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
11	Study of harmonic oscillator coefficient of damping, relaxation time, and quality factor using simple pendulum (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
12	Study of bending of cantilever (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
13	Determination of velocity of sound with the help of resonance tube (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
14	Determine the surface tension of water by capillary rise method (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
15	Familiarizing with C.R.O. (complete set up)	5	1. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
16	Half wave and full wave rectifier (complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
17	Transfer characteristic (Complete set up)	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
18	To study Lissajous Figures	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
19	To determine the modulus of Rigidity and Moment of Inertia, using Torsional Pendulum.	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
20	Determine the temperature co-efficient of resistance by Platinum resistance thermometer	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.

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21	Determine the coefficient of thermal conductivity of Cu by Searle's Apparatus	3	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
22	Determine the coefficient of thermal conductivity of a bad conductor by Lee and Charlton's disc method	3	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
23	Determine Rigidity Modulus by Static Method	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
24	Determine 'g' and velocity for a freely falling body using Digital Timing Technique. & Measurement of 'g'	3	1. Osaw Industrial Products 2. Popular Science Apparatus Workshop Pvt. Ltd.	
25	Michelson Interferometer Kit (with He-Ne Laser)	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
26	Fresnel's Bi Prism Experiment Kit (with Sodium Light Source)	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
27	Polarization of Light & Verification of Malus Law	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
28	Polarization of Light using Half- Wave Plate	3	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd. 2. Omega Electronics
29	Polarization of Light by Quarter- Wave Plate	3	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd. 2. Omega Electronics
30	Resolving Power of a Telescope	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
31	Franck Hertz Experiment (Neon Tube) with Data Logger and Sensor	3	1. Osaw Industrial Products 2. Popular Science Apparatus Workshop Pvt. Ltd.	
32	Hall Effect in Metals (Silver)	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
33	Superconductivity Experiment Kit	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
34	B-H Curve Kit	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
35	Basic Electronics	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
36	IC 555 Timer	3	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
37	Thermal Expansion Experiment	3	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
38	Viscosity of Glycerin with Intelligent Timer	3	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
39	Advanced Polarimeter Kit	3	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
40	FTIR Spectrometer (complete set up)	1	1. Osaw Industrial Products 2. Rose Medicare Pvt. Ltd.	1. Popular Science Apparatus Workshop Pvt. Ltd.
41	Experimental set-up for recording and reconstruction of holograms	2	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.

42	Experimental set-up for measurement of rotation of the plane of polarization through optically active liquid and to determine the concentration and specific rotation of the liquid.	3	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
43	Experimental set-up for study of Faraday effect and measurement of Verdet's constant using He-Ne Laser	2	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
44	Experimental set-up for study of Kerr effect and measurement of Kerr constant using Halogen light source	2	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
45	Experimental set-up for interference and diffraction with He-Ne laser source.	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
46	Experimental set-up for interference and diffraction with Diode laser source.	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
47	Experimental set-up for investigation of Field lines and Equipotential lines	5	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
48	Experimental set-up for demonstration of Biot-Savart Law	5	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
49	Experimental set-up for investigation of magnetic field in Helmholtz coil	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
50	Experimental set-up for verification of Faraday's and Lenz's law of induction	2	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
51	Experimental set-up for investigation of optical phenomena in microwaves such as reflection, refraction, polarization, double-slit interference and single-slit diffraction.	2	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
52	Experimental set-up for measurement of dielectric constant of different materials	1	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
53	Experimental set-up for measurement of permeability and permittivity of air	1	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
54	Experimental set-up for investigation of magnetic field along the axis of a current carrying	1	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
55	Experimental set-up for determination of dielectric constant of ferroelectric materials and its Curie temperature	1	No bidder qualified	1. Popular Science Apparatus Workshop Pvt. Ltd. 2. Osaw Industrial Products
56	Experimental set-up for measurement of energy bandgap of semiconductors	1	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
57	Experimental set-up for measurement of transition temperature of a high- T_c superconductor	1	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
58	Experimental set-up for measurement of resistivity by four-probe method	1	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.

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59	Experimental set-up for measurement of susceptibility of paramagnetic samples using Quinck's tube method	1	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
60	Experimental set-up for demonstration of dia-, para-, ferro-magnetism	1	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
61	Experimental set-up for determination of dispersion relation of monoatomic and diatomic lattice	1	1. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
62	Experimental set-up for measurement of heat capacity of solids	1	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
63	Experimental set-up for determination of refractive index of liquids and solids	1	1. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
64	Experimental set-up for determination of dipole-moment of liquids	1	No bidder qualified	1. Popular Science Apparatus Workshop Pvt. Ltd.
65	Megger meter 1000 M Ohms, 1000V	2	No bidder qualified	1. Popular Science Apparatus Workshop Pvt. Ltd.
66	Experimental set-up to study Thermoelectric effect and to measure Seebeck and Peltier Coefficient	1	No bidder qualified	1. Popular Science Apparatus Workshop Pvt. Ltd.
67	Travelling Microscope	5	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
68	Sensitive microbalance	1	No bidder qualified	1. Popular Science Apparatus Workshop Pvt. Ltd.
69	Ultrasonicator	1	No bidder qualified	1. Popular Science Apparatus Workshop Pvt. Ltd.
70	Experimental set-up to study Newton's ring	1	1. Osaw Industrial Products 2. Omega Electronics 3. Popular Science Apparatus Workshop Pvt. Ltd.	
71	Experimental set-up for particle size measurement using He-Ne Laser	1	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
72	Experimental set-up for determination of focal length of a combination of lenses	1	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
73	Experimental set-up to determine speed of light in air	1	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
74	Experimental set-up to study Zeeman effect	1	1. Osaw Industrial Products	1. Popular Science Apparatus Workshop Pvt. Ltd.
75	Experimental set-up for measurement of hydrogen spectrum and determination of Rydberg constant	1	1. Osaw Industrial Products 2. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.
	(A) Function/Arbitrary waveform Generator: 2 channels, up to 25 MHz, 14-bit, upto 125 MSa/s, 8k point, sine, square, triangle, and arbitrary waveform, MB, USB connectivity with PC with cable, Software for PC control.	10 Items;	No bidder qualified	1. Popular Science Apparatus Workshop Pvt. Ltd.

76	(B) Digital Storage Oscilloscope (DSO) : Compatible with item (A); Channel:2 or 4, Bandwidth : 200 MHz (or better), Sample Rate: 1 GSa/s (or better), Resolution: 8 bits, Memory depths: 16kpts (or better), Input coupling: AC, DC, and Ground, standard USB 2.0 connectivity with USB cable and standard accessories, Software for PC control, save and recall facility, Instruction Manual/CDs/ Online resources.	10 items;	No bidder qualified	1. Popular Science Apparatus Workshop Pvt. Ltd.	
	(C) Digital Multimeter : DC/AC voltage and current, capacitance, resistance, temperature, diode test, transistor test & gain, audible continuity test, polarity indication, necessary lead and cords for various testing.	10 items;	1. Omega Electronics	1. Popular Science Apparatus Workshop Pvt. Ltd.	
	(D) Power Supply : (i) 0-30 VDC at 0-6A, (ii)0-500 VDC, 0-100 mA Constant voltage & current mode with test lead, high resolution	4 items each	No bidder qualified	1. Popular Science Apparatus Workshop Pvt. Ltd.	
5. Chemistry					
1	FT- IR Spectrometer (Specifications as per Chem-1)	1	1. Ranjan Scientific Traders 2. Lab India 3. Anatek Services Pvt. Ltd. 4. Golcha Enterprises 5. Rose Medicare Pvt. Ltd.	1. Popular Science Apparatus Workshop Pvt. Ltd.	
2	Rotary Evaporation System with accessories (A) Rotary Evaporator (Specification as per Chem-2)	1	1. Golcha Enterprises 2. KNF	1. Anatek Services Pvt. Ltd.	
	(B) Vacuum Pump		1. Golcha Enterprises		
	(C) Vacuum Aspirator		Not a single bid received		
	(D) Chiller (0°C to -20° C)		1. Popular Science Apparatus 2. KNF		
3	Muffle Furnace (Specifications as per Chem-3)	1	1. Ranjan Scientific Traders 2. Golcha Enterprises 3. Popular Science Apparatus		
4	Melting Point Apparatus	1	1. Ranjan Scientific Traders 2. Popular Science Apparatus		
	(Specifications as per Chem-4)				

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5	Refrigerator (For Reagents' Storage)	2		1. Popular Science Apparatus Pvt. Ltd.
	(Specifications as per Chem-5)			
6	Oil-Free Diaphragm Pump	1	1. KNF	1. Ranjan Scientific Traders 2. Golcha Enterprises 3. Popular Science Apparatus Pvt. Ltd.
	(Specifications as per Chem-6)			
7	Low Temperature Reaction Bath with Magnetic Stirrer	1	Not a single bid received	
	(Specifications as per Chem-7)			
8	Microwave Synthesizer	1	1. Lab India 2. Biotage 3. Golcha Enterprises	
	(Specifications as per Chem-8)			
9	Steady State Spectrofluorometer (UV-Vis-NIR)	1	1. Anatek services Pvt. Ltd.	1. Ranjan Scientific Traders
	(Specifications as per Chem-9)			
10	Distillation units	1	1. Ranjan Scientific Traders 2. Golcha Enterprises 3. Popular Science Apparatus	
	(Specifications as per Chem-10)			
11	Heating Mantle	10	1. Ranjan Scientific Traders	
	(Specifications as per Chem-11)			
12	Hot-plate-cum-Magnetic Stirrer	10	1. Ranjan Scientific Traders 2. Golcha Enterprises 3. RVL	1. Popular Science Apparatus
	(Specifications as per Chem-12)			
13	20 Kva UPS ONLINE	1	Not a single bid received	
	One hour power backup (Specifications as per Chem-13)			
14	Electrochemical Workstation	1	1. RVL	
	(Specifications as per Chem-14)			
15	Differential Scanning Calorimeter	1	Not a single bid received	
	(Specifications as per Chem-15)			
16	Gas cylinders & Accessories	2	Not a single bid received	
	(Specifications as per annexure- Chem-16)			
	(a) Argon Gas Cylinder with regulator			
	(b) Nitrogen Gas Cylinder with regulator			
	(c) Gas Cylinder Brackets			
(d) Cylinder Trolley	2			