



UNIVERSITY OF SRI JAYEWARDENEPURA

INVITATION FOR BIDS (IFB)

Supply of Laboratory Equipment for the University of Sri Jayewardenepura

1. The Chairman, DPC, on behalf of the University of Sri Jayewardenepura now invites sealed bids from eligible and qualified bidders for Supply of Laboratory Equipment for University of Sri Jayewardenepura.

Interested bidders should bid for the total quantity of below mentioned items.

Tender No S/2016/06 Laboratory Equipment for the Department of Mechanical Engineering of the Faculty of Engineering			
Item No.	Item Name	Quantity	Bid Security Rs.
1.	Equilibrium of Forces Kit Complete with Work Panel	1 No.	240,000.00
2.	Forces in a Truss- Bench Top Teaching Apparatus	1 No.	
3.	Inclined Plane Dynamic Set Complete with Accessories	1 No.	
4.	Compound Pendulum	1 No.	
5.	Energy of Flywheel Apparatus	1 No.	
6.	Electro-Mechanical Tensile Testing Machine	1 No.	
7.	Mechanical Tensometer	1 No.	
8.	Rockwell, Brinell and Vickers Combined Hardness Tester	1 No.	
9.	Compact, Bench-Mounted Impact Tester	1 No.	
10.	Thermal Conductivity Measuring Apparatus	2 Nos.	
11.	Thermal Conductivity Measuring Apparatus for Liquids and Gases	2 Nos.	
12.	Closed Cup Flash Tester	1 No.	
13.	Marcet Boiler	1 No.	
14.	Pressure Gauge Calibration Toolkit	1 No.	
15.	Centre Lathe - with Gap Bed	1 No.	
16.	Centre Lathes - without Gap Bed	4 Nos.	
17.	Universal Milling Machine	1 No.	
18.	Shaping Machine	1 No.	
19.	Pedestal Grinder	1 No.	
20.	Bench Drill	1 No.	

21.	Power Hacksaws	2 Nos.	400,000.00
22.	Foot Shear	1 No.	
23.	Bending Roller (Hand-Operated)	1 No.	
24.	Welding Transformers	4 Nos.	
25.	Oxy-Acetylene Welding Sets	4 Nos.	
26.	Combination Spanner Sets	3 Nos.	
27.	Socket Sets	3 Nos.	
28.	Bench Vices	16 Nos.	
29.	Granite Surface Plates	2 Nos.	
30.	Sheet Metal Hand Grooving Sets	6 Nos.	
31.	Electric Soldering Irons (Copper Head)	12 Nos.	
32.	Stakes Sets with Stake Holders	6 Nos.	
33.	Electric Hand Drill	1 No.	
34.	Drill Bits	48 Nos.	
35.	Hacksaws	12 Nos.	
36.	HacksawBlades	144 Nos.	
37.	Dial Gauges with Magnetic Handles	6 Nos.	
38.	Dial Gauges	12 Nos.	
39.	‘V’ Blocks with Clamps	3 Nos.	
40.	Vernier Calipers	12 Nos.	
41.	Vernier Calipers - Analog	10 Nos.	

Tender No.S/2016/07	Laboratory Equipment for the Department of Civil Engineering,		Bid Security Rs.
Item No.	Item Name	Quantity	Rs. 225,000.00
1.	Hydrostatic Thrust/Center of Pressure Apparatus	3 Nos.	
2.	Rectangular Pontoon	3 Nos.	
3.	Venturi Meter with Volumetric Hydraulic Bench	3 Nos.	
4.	Engineering Auto Levels	8 Nos.	
5.	Manual Optical Theodolites	8 Nos.	
6.	2” Non-Prism Total Stations	4 Nos.	

Tender No S/2016/08	Laboratory Equipment for the Department of Electrical and Electronic Engineering		Bid Security Rs.
Item No.	Item Name	Quantity	Rs. 360,000.00
1.	AC Analog Voltmeters/Ammeters	4 Nos.	
2.	Universal BH Loop Tracers	2 Nos.	
3.	Rheostats – Type 1	10 Nos.	
4.	Rheostats – Type 2	10 Nos.	
5.	Variacs	2 Nos.	
6.	Lux Meters	2 Nos.	
7.	AC Power Supply Units	10 Nos.	
8.	Precision Wheatstone Bridge	1 No.	
9.	Oscilloscopes – Type 1	8 Nos.	

10.	Oscilloscopes – Type 2	2 Nos.	
11.	Digital Multimeters	16 Nos.	
12.	DC Analog Voltmeters/Ammeters	4 Nos.	
13.	DC Power Supply Units	10 Nos.	
14.	Solderless Prototyping Boards	30 Nos.	
15.	Spectrum Analyzer	1 No.	
16.	Function Generators	8 Nos.	
17.	Logic Training Boards	8 Nos.	
18.	Electric Soldering Iron Kits	3 Nos.	

Tender No. S/2016/09	Supply of Equipment for the Microbiology Laboratory		
Item No.	Item Name	Quantity	Bid Security
1.	Electronic Analytical Balance – Type 01	01 No.	Rs. 300,000.00
2.	Electronic Analytical Balance – Type 02	01 No.	
3.	Homogenizer (Blender)	01 No.	
4.	Stomacher Blender	01 No.	
5.	Colony Counter	01 No.	
6.	Laboratory Refrigerator	01 No.	
7.	Freezer	01 No.	
8.	Shaking Water Baths - Type 01	02 Nos.	
9.	Shaking Water Baths - Type 02	02 Nos.	
10.	Incubator – Type 01	01 No.	
11.	Incubator – Type 02	01 No.	
12.	Autoclaves	02 Nos.	
13.	Handheld UV Lamps	02 Nos.	
14.	Ultrasonic Bath	01 No.	
15.	Drying Oven	01 No.	
16.	Bench Top pH Meter	01 No.	
17.	Alcohol Lamps	20 Nos.	
18.	Binocular Compound Microscopes	20 Nos.	
19.	Bunsen Burners	20 Nos.	
20.	Orbital Shakers	04 Nos.	
21.	Magnetic Stirrers	02 Nos.	
22.	Magnetic Stirrers with Hotplates	04 Nos.	
23.	UV-Visible Spectrophotometer	01 No.	
24.	Mini Centrifuge	01 No.	
25.	Vortex	04 Nos.	
26.	Turbidity Meter	01 No.	
27.	Vacuum Sealing System	01 No.	
28.	Thermometers for Heating Blocks/ Incubators	02 Nos.	
29.	Bio-Safety Cabinets	02 Nos.	

Tender No. S/2016/10	Supply of Equipment for the Physics Laboratory		
Item No.	Item Name	Quantity	Bid Security
1.	Steam Generators	05 Nos.	Rs. 360,000.00
2.	Constant-Head Water Flow	05 Nos.	
3.	Searle's Experimental Kits for Thermal Conductivity of Metal (Rod)	02 Nos.	
4.	Experimental Kits for Lee's Disc Method (for Poor Conductors)	02 Nos.	
5.	Travelling Microscopes	10 Nos.	
6.	Thermal Expansion Apparatus (Metal Rod) with Steam Generator	02 Nos.	
7.	Platform Balances	02 Nos.	
8.	Digital Oscilloscopes	04 Nos.	
9.	Signal Generators (Dual Channel)	08 Nos.	
10.	Stroboscopes	02 Nos.	
11.	Sono meters	10 Nos.	
12.	Tuning Forks	20 Sets	
13.	Weight Boxes – Type 01	05 Nos.	
14.	Weight Boxes – Type 02	05 Nos.	
15.	Melde's String Experiment Set-up	02 Nos.	
16.	Low-Voltage DC Power Supplies	10 Nos.	
17.	Multimeters	20 Nos.	
18.	Clamp Meters	02 Nos.	
19.	DC Milliammeters	10 Nos.	
20.	DC Ammeters	20 Nos.	
21.	DC Millivoltmeters	10 Nos.	
22.	DC Voltmeters – Type 01	10 Nos.	
23.	DC Voltmeters – Type 02	20 Nos.	
24.	DC Voltmeters – Type 03	10 Nos.	
25.	DC Galvanometers	10 Nos.	
26.	AC Milliammeters	10 Nos.	
27.	AC Ammeters – Type 01	10 Nos.	
28.	AC Ammeters – Type 02	10 Nos.	
29.	AC Voltmeters – Type 01	10 Nos.	
30.	AC Voltmeters – Type 02	10 Nos.	
31.	Resistance Boxes - Type 01	20 Nos.	
32.	Resistance Boxes - Type 02	20 Nos.	
33.	Meter Bridges	20 Nos.	
34.	Potentiometers	20 Nos.	
35.	Demonstration Kits for Current	02 Nos.	
36.	LCR Meters	02 Nos.	
37.	Bread Boards	25 Nos.	
38.	Tool Kits for Electronic Experiments	10 Sets	
39.	Teaching Kit for Telescopes	01 Set	
40.	Van de Graff Generators	02 Nos.	
41.	Demonstration Kit for Characteristics of Cathode Rays – Electron Tubes	01 No.	

Tender No S/2016/11	Equipment for the Chemistry, Environmental and Mechanics Laboratories		
Item No.	Item Name	Quantity	Bid Security
1.	Analytical Balances	04	Rs. 165,000.00
2.	Top Loading Balances	02	
3.	Conductivity Bridges	02	
4.	Portable Dissolved Oxygen Meters	06	
5.	Bench Top Dissolved Oxygen Meter	01	
6.	Distilled Water Plant	01	
7.	Draining Racks for Glassware	02	
8.	Drying Cabinets	02	
9.	Oven	01	
10.	Portable pH Meters	09	
11.	Hotplates with Magnetic Stirrers	02	
12.	Water Baths – Type 01	03	
13.	Water Baths – Type 02	03	
14.	Water Baths – Type 03	04	
15.	Heating Mantles – Type 01	10	
16.	Heating Mantles – Type 02	10	
17.	Stirrer	01	
18.	Bunsen Burners with Tubing	50	
19.	Portable Turbidity Meters	05	
20.	Hand Held Digital Thermometers	05	
21.	Portable Particle Counters	02	
22.	Sample Bottles – Type 01	24	
23.	Sample Bottles – Type 02	12	
24.	Universal Force Table	01	
25.	Bifilar Suspension Apparatus	01	
26.	Trifilar Suspension Apparatus	01	
27.	Plane Frame Force System	01	
28.	Curvilinear Motion of a Rigid Body	01	
29.	Free and Forced Vibration Apparatus	01	
30.	Model Gyroscope	01	
31.	Static and Dynamic Balancing Apparatus	01	
32.	Wheel and Differential Axle- Training	01	
33.	Worm and Wheel Training Equipment	01	
34.	Simple Screw Jack (for Training)	01	
35.	Air Compressor (Portable)	01	
36.	Digital Stop Watches	05	
37.	Steel Rules	05	
38.	Vernier Calipers	02	
39.	DC Power Supply Units	02	
40.	Digital Multimeters	02	
41.	Function Generator	01	
42.	Oscilloscope	01	
43.	Electric Soldering Iron Kit	01	

- 2 Bidders who have at least five years experience in supplying Laboratory Equipments, Installation & Commissioning of in similar quantities to State Institutes may submit quotations.
- 3 Bidding will be conducted through National Competitive Bidding (NCB).
4. All bids must be accompanied by bid security in the form of a bank guarantee in the format given with the bidding document in the amount of Sri Lanka Rupees. Bank Guarantee is confirmed by a bank operating in Sri Lanka approved by Central Bank of Sri Lanka. The bid security shall be in the form of an unconditional on demand bond & shall be valid up to **13.10.2016**.
5. Interested eligible bidders may obtain further information from Deputy Bursar (Tel. No. 011-2758341) University of Sri Jayewardenepura, and inspect the Bidding Documents, free of charge, at the Supplies Division, University of Sri Jayewardenepura during office hours.
6. A complete set of Bidding Documents in English language may be purchased by the interested bidders on submission of a written request to the Deputy Bursar, University of Sri Jayewardenepura and upon payment of a non –refundable fee of **Rs.1,000.00** to the shroff of the University on working days from **23rd June to 13th July 2016** from 9.00 a.m. to 2.30p.m.
7. Duly perfected bids in duplicate in separate covers marked “Original” and “duplicate” re-inserted in a single cover mentioning the name of work on the top left hand corner of all three envelopes, sealed and may either be sent by registered post addressed to “Chairman, Department Procurement Committee (Major), University of Sri Jayewardenepura, Gangodawila, Nugegoda” or deposited in the Tender Box kept in Bursar’s office.
8. Duplicate should be a certified photocopy of the original.
9. Bids will be opened at **10.00 am. on 14th July 2016** at the Board Room of the Administration Building and the bidder or his/ her representative is permitted to be present at the time of opening of bids.
10. Incomplete and late bids will be rejected and the procurement committee reserves the right to accept or reject bids.

Chairman, Department Procurement Committee, (Major)
University of Sri Jayewardenepura,
Gangodawila,
Nugegoda.