



UNIVERSITY OF RUHUNA
WELLAMADAMA, MATARA

**PROCUREMENT OF GOODS UNDER
NATIONAL SHOPPING PROCEDURES**

**INVITATION FOR QUOTATIONS
FOR PROCUREMENT OF**

Supply, Delivering, Installation, Commissioning, Testing and Maintenance of

Laboratory Equipment for Threelanka Project,

Faculty of Engineering,

University of Ruhuna,

Hapugala,

Galle.

RUH/ENG/F/C/Q/2023/06

Assistant Bursar
Faculty of Engineering
University of Ruhuna
Hapugala
Galle

05th October 2023

A handwritten signature in blue ink, written over the typed name of the Assistant Bursar.

Section I. Instructions to Vendors (ITV)

A: General	
1. Scope of Bid	1.1 The Purchaser named in the Data Sheet invites you to submit a quotation for the supply of Goods as specified in Section III Schedule of Requirements.
B: Contents of Documents	
2. Contents of Documents	<p>2.1 The documents consist of the Sections indicated below.</p> <ul style="list-style-type: none"> • Section I. Instructions to Vendors (ITV) • Section II. Data Sheet • Section III. Schedule of Requirements • Section IV. Technical Specifications & Compliance with Specifications • Section V. Quotation submission Form(s)
C: Preparation of Quotation	
3. Documents Comprising your Quotation	<p>3.1 The Quotation shall comprise the following:</p> <ul style="list-style-type: none"> (a) Quotation Submission Form and the Price Schedules; (b) Technical Specifications & Compliance with Specifications
4. Quotation Submission Form and Price Schedules	<p>4.1 The vendor shall submit the Quotation Submission Form using the form furnished in Section V. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.</p> <p>4.2 Alternative offers shall not be considered. The vendors are advised not to quote different options for the same item but furnish the most competitive among the options available to the bidder. Options shall not be considered.</p>
5. Prices and Discounts	<p>5.1 Unless specifically stated in Data Sheet, all items must be priced separately in the Price Schedules.</p> <p>5.2 The price to be quoted in the Quotation Submission Form shall be the total price of the Quotation, including any discounts offered.</p> <p>5.3 The applicable VAT shall be indicated separately and NBT Shall not be paid by the University .</p> <p>5.4 Prices quoted by the vendor shall be fixed during the vendor's performance of the Contract and not subject to variation on any account. A Quotation submitted with an adjustable price shall be treated as non-responsive and may be rejected.</p>

6. Currency	6.1 The vendors shall quote only in Sri Lanka Rupees.
7. Documents to Establish the Conformity of the Goods	<p>7.1 The vendor shall furnish as part of its quotation the documentary evidence that the Goods conform to the technical specifications and standards specified in Section IV, “Technical Specifications & Compliance with Specifications”.</p> <p>7.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods, demonstrating substantial responsiveness of the Goods to the technical specifications, and if applicable, a statement of deviations and exceptions to the provisions of the Technical Specifications given.</p> <p>7.3 If stated in the Data Sheet the vendor shall submit a certificate from the manufacturer to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Sri Lanka.</p>
8. Period of Validity of quotation	8.1 Quotations shall remain valid for the period of sixty (60) days after the quotation submission deadline date.
9. Format and Signing of Quotation	9.1 The quotation shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the vendor.
10. Site visit	
D: Submission and Opening of Quotation	
11. Submission of Quotation	<p>11.1 Vendors may submit their quotations by mail or by hand in sealed envelopes addressed to the Purchaser and bear the specific identification of the quotation number.</p> <p>11.2 If the quotation is not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the quotation.</p>
12. Deadline for Submission of Quotation	12.1 Quotation must be received by the Purchaser at the address set out in Section II, “Data Sheet”, and not later than the date and time as specified in the Data Sheet.
13. Late Quotations	13.1 The Purchaser shall reject any quotation that arrives after the deadline for submission of quotations, in accordance with ITV Clause 11.1 above.
14. Opening of Quotations	<p>14.1 The Purchaser shall conduct the opening of quotation in public at the address, date and time specified in the Data Sheet.</p> <p>14.2 A representative of the bidders may be present and mark his attendance.</p>

E: Evaluation and Comparison of Quotations	
15. Clarifications	<p>15.1 To assist in the examination, evaluation and comparison of the quotations, the Purchaser may, at its discretion, ask any vendor for a clarification of his quotation. Any clarification submitted by a vendor in respect to his quotation which is not in response to a request by the Purchaser shall not be considered.</p> <p>15.2 The Purchaser's request for clarification and the response shall be in writing.</p>
16. Responsiveness of Quotations	<p>16.1 The Purchaser will determine the responsiveness of the quotation to the documents based on the contents of the quotation received.</p> <p>16.2 If a quotation is evaluated as not substantially responsive to the documents issued, it may be rejected by the Purchaser.</p>
17. Evaluation of quotations	<p>17.1 The Purchaser shall evaluate each quotation that has been determined, to be substantially responsive.</p> <p>17.2 To evaluate a quotation, the Purchaser may consider the following:</p> <ul style="list-style-type: none"> (a) the Price as quoted; (b) price adjustment for correction of arithmetical errors; (c) price adjustment due to discounts offered. <p>17.3 The Purchaser's evaluation of a quotation may require the Consideration of other factors, in addition to the Price quoted if stated in Section II, Data Sheet. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods. .</p>
18. Purchaser's Right to Accept any Quotation, and to Reject any or all Quotations	<p>18.1 The Purchaser reserves the right to accept or reject any quotation, and to annul the process and reject all quotations at any time prior to acceptance, without thereby incurring any liability to bidders.</p>

F: Award of Contract

19. Acceptance of the Quotation	19.1 The Purchaser will accept the quotation of the vendor whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the documents issued.
20. Notification of acceptance	20.1 Prior to the expiration of the period of validity of quotation, the Purchaser will notify the successful vendor, in writing, that his quotation has been accepted.
21. Performance security	21.1 Amount of performance security required is 10% of the Initial Contract Price and form acceptable is unconditional guarantee or bond given in the Standard Form of Performance Security valid for a period of 28 days beyond the warrantee period from the date of award of contract.
22. Payment	22.1 Payment shall be made within one month after receiving the invoice for system supplied, installed, commissioned, tested and certified
23. Liquidated Damages	23.1 The supplier should deliver the items within the delivery period stipulated in the schedule of requirements. The supplier should make payment to the purchaser for each week of delay in delivery, at the rate of 0.5% of the contract sum per each week of delay, up to a maximum of 10% of the contract sum.

Section II: Data Sheet

ITV Clause Reference	
1.1	The Purchaser is : Vice Chancellor, University of Ruhuna Address: University of Ruhuna, Wellamadama, Matara
5.1	If the bidder is allowed to quote for lesser number of items than the total number of items specified, indicate the details: Bidders are allowed to quote for any item or all the items
7.3	Manufacturer's Authorization is required.
11.1	Address for submission of Quotations is "RUH/ENG/F/C/Q/2023/06" marked on the top left-hand corner of the envelope and addressed to Assistant Bursar, Faculty of Engineering, University of Ruhuna, Hapugala, Galle. Deadline for submission of quotations is on or before 10.00 a.m. on 19th October 2023
13	The quotations shall be opened at the following address: AB Office, Faculty of Engineering, University of Ruhuna, Hapugala, Galle.
16	Other factors that will be considered for evaluation are (List and describe the Methodology): Should satisfy the given requirements

Section III: Schedule of Requirements

- Note:** I. Bidders may be quoted for any item or all items
 Evaluation will be done separately for each item based on the price of individual item
 All items should be delivered within 4 weeks after placing the order. No time extension will be considered.
 NBT shall not be paid by the university

Item No.	Brief Description of the Goods	Specifications	Quantity	Delivery Period in Days from issue of Purchase Order	Place of Delivery & installation	Installation and warranty Requirements if any
1.	Handheld Digital Illuminance Meter	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
2.	Solar Irradiance Meter	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
3.	Digital Multimeter	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
4.	Digital Earth Resistance Tester	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
5.	Battery Management System	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
6.	Pyranometer	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
7.	Digital DC Load	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
8.	Clamp Meter	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
9.	Logic Analyzer	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
10.	Logic Probe	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
11.	Lead Acid Battery Charger	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
12.	Weather Station	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify

13.	Hole Saw Drill Bit Set	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
14.	Cordless Drill	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
15.	Stud Finder	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
16.	Jigsaw	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
17.	Industrial Extension Cable	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
18.	MC4 Key	Please refer Section IV	10	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
19.	Digital Verner Caliper	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
20.	Digital Micrometer	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
21.	Solar Pump System	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
22.	Vacuum Cleaner	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
23.	Cordless Angle Grinder	Please refer Section IV	01	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
24.	Soldering Iron 150W	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
25.	Heat Gun	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
26.	Blower	Please refer Section IV	02	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify
27.	Regular Extension Cable	Please refer Section IV	05	4 weeks	Faculty of Engineering, Hapugala, Galle	Please Specify

Section IV: Technical Specification & Compliance

Supply, Delivering, Installation, Commissioning, Testing and Laboratory Equipment for the Threelanka Project, Faculty of Engineering, University of Ruhuna, Hapugala, Galle.

1. Handheld digital illuminance meter (1 pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Digital illuminance meter			
Range	0.1 to 200000 Lux			
Units	Lux and FC			
Accuracy	±3%+5- Lux or better for incandescent lamps calibrated at a color temperature of approximately 2850K. ±6%+Lux for other visible light.			
Display	Main display 5-digit color LCD with analog bar graph			
Computer connectivity	Via USB, wireless, or Serial with bundled free software.			
Ambient temperature measurement	0 to 50°C or better @ accuracy of ±2%			
Spectral range	400nm-700nm or better			
Sampling rate	5Hz or better			
Repeatability	±2.5% or better			
Incident angle	100° or wider.			
Min/Max / Avg	Available			
Detachable sensor probe	Available			
Data Hold	Available			
Warranty	1 year			

2. Solar irradiance meter (1 pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Solar irradiance meter			
Measuring range	100 to 1250 W/m ² or better			
Resolution	1 W/m ²			
Measuring accuracy	±(5 % + 5 Digit)			
Temperature measurement Range	-30 °C to 125 °C			
Compass Bearing	Range: 0° to 360° Resolution: 1°			
Inclinometer	Range: 0° to 90° Resolution: 1°			
Connectivity	USB or wireless with free software			
Data Logging capacity	1000 measurements or better			
Warranty	1 year			

3. Digital Multimeter (2 pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Digital TRMS Multimeter			
Display resolution/count	20000 counts or better.			
AC Voltage measurement	Range 0.01mV to 1000V or better Accuracy: $\pm 1\% + 10$ or better @ 300V, 50Hz measurement.			
AC Voltage measurement bandwidth	40Hz to 10kHz or better			
AC Current measurement	Range: 1uA to 20A or better Accuracy: $\pm 1.5\% + 10$ or better @ 20A range with 1mA Resolution.			
DC Current measurement	Range: 1uA to 20A or better Accuracy: $\pm 0.5\% + 10$ or better @ 100mA measurement with 10uA resolution.			
DC voltage measurement	Range 0.01mV to 1000V or better Accuracy: $\pm 0.05\% + 10$ or better @ 100V			
AC+DC voltage measurement	Range: 1mV to 1000V or better Bandwidth: 50Hz to 500Hz or better Accuracy: $\pm 3\% + 100$ or better			
Resistance measurement	0.1 Ω to 100 M Ω or better Accuracy: $\pm 0.75\% + 10$ or better for 100k Ω measurement.			
Capacitance measurement	Up to 100 mF or better			
Frequency measurement	Range 10Hz to 10MHz Accuracy: $\pm 0.02\% + 10$ or better			
Diode test	Available			
Duty cycle measurement	Range 0.1% to 99.9% Accuracy: $\pm 2\% + 10$ or better			
Continuity buzzer	Available			
Non-contact voltage detection	Available			
Auto-ranging	Available			
LCD with Backlight	Available			
Data Hold	Available			
hFE	Available			
Warranty	1 year			

4. Digital Earth Resistance Tester (1pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Digital Earth Resistance Tester			
Display resolution/count	4000 counts or better.			
Earth Resistance measurement range	0 to 4000Ω or better			
Accuracy	± (2%+5) or better @ 1000 Ω			
Earth voltage measurement range	0-400V			
Earth voltage measurement Accuracy	± (1.5%+10)			
Earth voltage measurement Frequency	50/60Hz			
Data hold	Available			
Data Storage	More than 10 readings			
Poor contact display	Available.			
3 Wire testing	Available			
Warranty	1 year			

5. Battery Management system (1 Pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Battery Management system			
Balancing current	1A or higher			
Cell count	8 to 16-cell compatibility or better			
Compatible Cell type	Li-Ion, LiFePo4, LTO or better			
Continuous Current	150A or larger			
Wireless Connectivity	Bluetooth support with a Free App.			
Single-cell voltage range	1.5V to 5V or wider			
Display	4 Inch or larger LCD			
Wired Connectivity	RS485 connectivity must be provided			
Warranty	1 year			

6. Pyranometer (2 Pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Output type	RS485			
Input voltage	Within the range of 10 V to 30 V DC or better			
Working Temperature	0 to 60°C or wider range			
Spectral range	300nm to 2100nm or better			
Measuring range	0 to 1900 W/m ² or better			
Resolution	1 W/m ² or better			
Response time	<30 Second			
Nonlinearity	<= ± 3%			
Annual stability	< ± 3.5%			
Cosine response	< ± 6%			
Corresponding Error of Tilt	< ± 6%			
Spectral Selectivity	< ± 12%			
Sensitivity	Approximately 10 μV/(W/m ²)			
Warranty	1 year or more			

7. Digital DC load (2 pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Rated power	350W or more			
Input voltage range	0 to 100V or better			
Input current range	0 to 40A or better			
CV mode resolution	10mV or better			
CV mode Accuracy	$\pm (0.1\% + 0.03\% \text{ FS})$ or better			
CC Mode resolution	10mA or better			
CC mode Accuracy	$\pm (0.1\% + 0.05\% \text{ FS})$ or better			
CR mode range	At least up to 3k Ω or better			
CR mode Resolution	100m Ω or better			
CR Mode Accuracy	$\pm (0.1\% + 0.75\% \text{ FS})$ or better			
CP mode resolution	10mW or better			
CP mode accuracy	$\pm (0.1\% + 0.75\% \text{ FS})$ or better			
Over-voltage protection	Available			
Over-current protection	Available			
Over-Power protection	Available			
Display	Color LCD			
Warranty	1 year			

8. Clamp Meter (2 Pcs)

Feature	Required Specification	Bidders Compliance		If Bidder's offer not,
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Digital TRMS clamp meter			
Display resolution/count	6000 counts or better.			
AC Current measurement (Non-contact)	600 mA/6 A/60 A ranges or better Accuracy @ 50Hz: ±1.5%+10 or better @ 600mA ±2.5%+5 or better @ other ranges			
DC Current measurement (Non-contact)	6 A/60 A ranges or better Accuracy: ±2 %+5 or better			
DC voltage measurement	600mV/6V/60V/600V ranges or better Accuracy: ±0.7 %+5 or better			
AC Voltage measurement	6V/60V/600V ranges or better. Accuracy: ±1 %+4 or better			
Resistance measurement	Ranges: 600 Ω up to 6 MΩ or better Accuracy: ±1.2 %+3 or better			
Capacitance measurement	Up to 62 mF or better			
Frequency measurement	Range 10Hz to 60kHz Accuracy: ±0.1%+4 or better			
Diode test	Available			
Continuity buzzer	Available			
Non-contact voltage detection	Available			
Auto-ranging	Available			
LCD with Backlight	Available			
Variable frequency AC current and voltage measurement	Available			
Data Hold	Available			
Zero mode	Available			
Warranty	1 Year			

9. Logic analyzer (1 Pcs)

Feature	Required Specification	Bidders Compliance		If Bidder's offer not,
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	PC-based logic analyzer			
PC interface	USB			
Number of channels	16 or more			
Sample rate	Minimum 200MHz for 4 concurrent channels			
Operating modes	Buffer and Stream			
Buffer memory	128Mbits or more			
Adjustable threshold step	0.1V or better			
Safe voltage range	±25V			
Logic Levels	5V to 1V or better			
ESD protection	Available			
Input impedance	200kΩ // 15pF or better			
Minimum acquisition pulse	10ns or better			
Software compatibility	Windows 10 x64, must be freely available.			
Warranty	1 Year			

10. Logic Probe (1 Pcs)

Feature	Required Specification	Bidders Compliance		If Bidder's offer not,
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Logic Probe			
Compatibility	DTL, TTL and CMOS			
Indication	LEDs			
Pulser	Available			
Supply voltage	12V or better			
Warranty	1 Year			

11. Lead acid battery charger (1 Pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Lead acid battery charger			
Compatibility	12V and 24V lead acid battery charging			
Pulse repair	Available			
Charging current	8A or more			
Operation	3 stages, Automatic			
Display	LCD			
Input voltage	230V or Suitable for Sri Lanka			
Polarity Protection	Available.			
Output short circuit protection	Available.			
Over voltage protection	Available.			
Warranty	1 year or more			

12. Weather station (1 Pcs)

Feature	Required Specification	Bidders Compliance		If Bidder's offer not,
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Weather station			
Indoor Temperature measurement	0 to 60°C or wider range ±1°C Accuracy or better 0.1°C Resolution or better			
Outdoor Temperature measurement	0 to 60°C or wider range ±1°C Accuracy or better 0.1°C Resolution or better			
Indoor Humidity Measurement	10 to 99% ±5% Accuracy or better 1% Resolution or better			
Outdoor Humidity Measurement	10 to 99% ±5% Accuracy or better 1% Resolution or better			
Rain measurement	0-9999mm ±7.5% Accuracy or better 1mm Resolution or better			
Wind Speed measurement	0 to 40m/s or more ±10% Accuracy 0.1m/s resolution			
Wind Direction measurement	Required. At least 8 directions			
Barometric pressure measurement	350 to 1050 hpa ±5 hpa Accuracy ±1 hpa Resolution			
Computer connectivity	USB or Serial			
Bundled Software	Required for data acquisition and display			
Export Data format	CSV			
Built-in memory	More than 3000 records.			
Real-time data display	Color LCD.			
Warranty	1 year or more			

13. Hole saw drill bit set (2 PCS)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Hole saw drill bit set			
Sizes	15/16/18/20/21/22/25/26/28/30/35/40/45/50/53 mm			
Number of hole saw drill bits	15			
Material	HSS			

14. Cordless Drill (2 PCS)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Cordless Impact Drill			
Voltage	Approximately 18V			
No load speed	1200 rpm or higher			
Weight	Less than 2kg			
Chuck capacity	10mm or better			
Max Torque	25Nm or better			
Battery	Must come with 2 batteries and a charger			
Battery capacity	1Ah or larger			
Warranty	1 year			

15. Stud Finder (1 PCS)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Stud Finder (1 PCS)			
Ferrous metals detection depth	100mm or better			
Non-ferrous metals detection depth	75mm or better			
Wood scanning depth	35mm or better			
AC electric wire detection depth	35mm or better			
Drop-proof	Minimum 1m or better.			
Display	Color LCD			
Warranty	1 year			

16. Jigsaw (1 pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Jigsaw			
Voltage	230V Suitable for Sri Lanka grid supply			
Power	500W or higher			
Function	Cutting and Sawing.			
Cutting depth	Steel: Approximately 10mm, Plastic: Approximately 30mm Wood: Approximately 100mm			
Jigsaw blades	Must be supplied with 50pcs HSS blades of approximately 100mm length.			
Warranty	1 year			

17. Industrial Extension cable (2 PCS)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Type	Industrial type with cable reel			
Outlets	Type G, 13A, 3 outlets or more.			
Cable length	30m			
Cable type	3 cores (L-N-E)			
Input	13A fused Plug for type G socket.			
Warranty	1 year.			

18. MC4 Key (10 PCS)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Type	MC4 Key			
Material	Metal			

19. Digital vernier caliper (2 pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Digital vernier caliper			
Measurement Range	0-150mm			
Accuracy	± 0.02mm			
Material	Stainless Steel/ Hardened			
Measuring speed	Unlimited for manual use.			
Measurement Function	Outer diameter, Inner diameter, and Depth.			
Result Format	Absolute and Relative			
Brand	Must be internationally branded			
Warranty	1 year			

20. Digital Micrometer (1 pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Digital Micrometer			
Measurement Range	0-50mm			
Accuracy	± 0.001mm			
Material	Stainless Steel/ Hardened			
Measuring Face	Must be carbide-tipped.			
Parallelism	1µm			
Ingress protection	IP65			
Brand	Must be internationally branded and accompany a certificate of inspection by the manufacturer indicating standards followed.			
Warranty	1 year			

21. Solar pump system (1 Pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Solar pump system			
Voltage	12V			
Power	150W or more			
Outlet size	25mm			
Flow rate	1000 l/h or more			
Maximum pumping height	10m or more			
Maximum suction height	4m or more			
Solar Panel	Minimum 250W			
Solar pump controller	Must be included			
Warranty	1 Year			

22. Vacuum Cleaner (1 Pcs)

Feature	Required Specification	Bidders Compliance		If Bidder's offer not,
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Vacuum Cleaner			
Voltage	230V AC \pm 10V or suitable to Sri Lanka.			
Power	1500W or more			
Capacity	3l or more			
Suction Tube	At least 1,5m length			
Wire code	At least 8m length			
Filter	Must be included			
Dust bag	Reusable type			
Weight	Bellow 7.5 kg			
Carrying handle	Available			
Warranty	1 year or more			

23. Cordless Angle Grinder (1 Pcs)

Feature	Required Specification	Bidders Compliance		If Bidder's offer not,
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Cordless Angle Grinder			
No Load Speed	Minimum 8000rpm			
Battery	3000mAh or more Capacity, Lithium-based			
Battery Voltage	In range of 15V to 25V			
Cutting Disk size	With in range of 115mm to 130mm			
Motor Type	Brushless motor			
Warranty	1 year or more			

24. Soldering Iron 150W (2 Pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Soldering Iron 200W			
Power	150W			
Voltage	230V, suitable to Sri Lanka			
Tip type	Pointed tip			
Temperature Display	LCD or LED scale			
Warranty	1 year or more			

25. Heat Gun (2 Pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Heat Gun			
Power	1600W or more			
Voltage	230V, suitable to Sri Lanka			
Air flow	220 l/min or more			
Warranty	1 year or more			

26. Blower (2 Pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Instrument type	Blower			
Power	500W or more			
Voltage	230V, suitable to Sri Lanka			
Air flow	3 m ³ or more			
Speed range	0 - 10000 rpm or more			
Weight	Less than 1.5kg			
Warranty	1 year or more			

27. Regular Extension cable (5 Pcs)

Feature	Required Specification	Bidders Compliance		If not, Bidder's offer
		Yes	No	
Make	(Specify)			
Model	(Specify)			
Country of Origin	(Specify)			
Country of Manufacture	(Specify)			
Cable length	10m or more			
Wire type	3 Core, L-N-E			
Inlet type	Type G Plug, Fused, 13A			
Outlet type	4Nos Type G sockets, with individual switches			
Wire size	1.5mm ² or more			
Warranty	2 years or more.			

Section V

Quotation Submission Form

[The Vendor shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions will be accepted.]

Date:.....

To: The Vice- Chancellor,
University of Ruhuna,
Wellamadama,
Matara.

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the document issued;
- (b) We offer to supply in conformity with the documents issued and in accordance with the Delivery Schedules specified in the Schedule of Requirements, the following Goods – Supply, Delivery, Installation, Testing, Commissioning and Maintenance of Laboratory Equipment for the Threelanka Project, Faculty of Engineering, University of Ruhuna, Hapugala, Galle.
- (c) The total price of our quotation including any discounts offered is: [insert the total quoted price in words and in figures];.....
.....
(Excluding VAT)
- (d) Our quotation shall be valid for the period of time specified in ITV Sub-Clause 8.1, from the date fixed for the quotation submission deadline in accordance with ITV Sub-Clause 11.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (e) We understand that this quotation, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us.
- (f) We understand that you are not bound to accept the lowest evaluated quotation or any other quotation that you may receive.

Signed:.....
[insert signature of person whose name and capacity are shown]

Name:.....
[insert complete name of person signing the Bid Submission Form]

Company Seal.....

Dated:.....

PRICE SCHEDULE

Item. No.	Description	Qty.	Unit Rate. (Rs. & Cts) Without VAT	Total Amount (Rs. & Cts.) Without VAT	VAT (Rs. & Cts)	Total Amount (Rs. & Cts.) With VAT
1.	Handheld Digital Illuminance Meter	01				
2.	Solar Irradiance Meter	01				
3.	Digital Multimeter	02				
4.	Digital Earth Resistance Tester	01				
5.	Battery Management System	01				
6.	Pyranometer	02				
7.	Digital DC Load	02				
8.	Clamp Meter	02				
9.	Logic Analyzer	01				
10.	Logic Probe	01				
11.	Lead Acid Battery Charger	01				
12.	Weather Station	01				
13.	Hole Saw Drill Bit Set	02				
14.	Cordless Drill	02				
15.	Stud Finder	01				
16.	Jigsaw	01				

17.	Industrial Extension Cable	02				
18.	MC4 Key	10				
19.	Digital Verner Caliper	02				
20.	Digital Micrometer	01				
21.	Solar Pump System	01				
22.	Vacuum Cleaner	01				
23.	Cordless Angle Grinder	01				
24.	Soldering Iron 150W	02				
25.	Heat Gun	02				
26.	Blower	02				
27.	Regular Extension Cable	05				
Total						

Note: In case of discrepancy between unit price and total, the unit price shall prevail.

We agree to supply and maintenance the above goods in accordance with the technical specifications for a total contract price of Rupees
..... (amount in figures)

[..... (amount in words)] (for Item 01 - 27)
within the period specified in the Invitation for Quotations.

We also confirm that the warranty/guarantee specified shall apply to the offered goods.

.....

Signature of the Bidder

.....

Name of the Bidder and official seal

.....

Date

Telephone No:

Mobile No (if available) :.....

Fax:

Manufacturer's Authorization

[If requested under ITV clause 7.3, the Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated.]

Date:

WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a quotation the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and supply the goods.

We hereby extend our full guarantee and warranty with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]

Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on _____ day of _____, _____ [insert date of signing]

Contract Agreement

THIS CONTRACT AGREEMENT is made

the [insert: number] day of [insert: month], [insert: year].

BETWEEN

(1) [insert complete name of Purchaser], a [insert description of type of legal entity, for example, an agency of the Ministry of or corporation and having its principal place of business at [insert address of Purchaser] (hereinafter called “the Purchaser”), and

(2) [insert name of Supplier], a corporation incorporated under the laws of [insert: country of Supplier] and having its principal place of business at [insert: address of Supplier] (hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., [insert brief description of Goods and Services] and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of [insert Contract Price in words and figures, expressed in the Contract currency (ies)] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

(a) This Contract Agreement

(b) Contract Data

(c) Conditions of Contract

(d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

(e) The Supplier’s Bid and original Price Schedules

(f) The Purchaser’s Notification of Award

(g) [Add here any other document(s)]

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Democratic Socialist Republic of Sri Lanka on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: [insert signature]

in the capacity of [insert title or other appropriate designation]

in the presence of [insert identification of official witness]

For and on behalf of the Supplier

Signed: [insert signature of authorized representative(s) of the Supplier]

in the capacity of [insert title or other appropriate designation]

in the presence of [insert identification of official witness]