University of Ruhuna
Wellamadama
Matara

September 12, 2022

The Manager

Invitation for Bids (IFB)

Contract: Supply, Delivery, Installation, Commissioning and Testing of Laboratory Equipment for University of Ruhuna

IFB No - AHEAD/RA3/DOR05/RUH/CHEMISTRY/LAB.EQU./2022/NS-219

The Chairman, Department Procurement Committee on behalf of the University of Ruhuna now invites sealed bid from you for **Supply, Delivery, Installation, Commissioning and Testing of Laboratory Equipment** indicated in the annexed bid document.

01. Bidding will be conducted through National Shopping method of procurement.

02. You may obtain further information if any from the **Deputy Director- Procurement (AHEAD Project)** Supplies Branch, University of Ruhuna, Wellamadama, Matara. (T.P 041- 2227027/ Fax No. 041 – 2227027)

03. Bids must be delivered by mail in sealed envelopes addressed to **Director/OTS, AHEAD Project-OTS Office, University of Ruhuna, Wellamadama, Matara** before **02.00 p.m. on September 26, 2022.** Late bids will be rejected.

12/09/2022
.....
Deputy Director- Procurement
University of Ruhuna,
Wellamadama,
Matara.

Ms. D. V. L. Krishani
Deputy Director - Procurement
Operations Technical Secretariat
AHEAD Project
University Of Ruhuna
Wellamadama, Matara.

UNIVERSITY OF RUHUNA

MINISTRY OF EDUCATION

INVITATION FOR QUOTATIONS

FOR

Supply, Delivery, Installation, Commissioning and Testing of Laboratory Equipment for University of Ruhuna

IFB No: AHEAD/RA3/DOR05/RUH/CHEMISTRY/LAB.EQU./2022/NS-219

Ms. D. V. L. Krishani
Deputy Director - Procurement
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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	2.1 The documents consist of the Sections indicated below. • Section I. Instructions to Vendors (ITV) • Section II. Data Sheet • Section III. Schedule of Requirements • Section IV. Technical Specifications & Compliance with Specifications with price schedule • Section V. Quotation submission Form(s)
C: Preparation of Quotation	
3. Documents Comprising your Quotation	3.1 The Quotation shall comprise the following: (a) Quotation Submission Form and the Price Schedules; (b) Technical Specifications & Compliance with Specifications
4. Quotation Submission Form and Price Schedules	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. 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.**
5. Prices and Discounts	5.1 Unless specifically stated in Data Sheet, all items must be priced separately in the Price Schedules. 5.2 The price to be quoted in the Quotation Submission Form shall be the total price of the Quotation, including any discounts offered.

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	5.3 The applicable VAT shall be indicated separately. 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 adjustable p rice shall be treated as nonresponsive and may be rejected.
6. Currency	6.1 The vendors shall quote only in Sri Lanka Rupees.
7. Documents to Establish the Conformity of the Goods	7.1 The vendor shall furnish as p art of its quotation the documentary evidence that the Goods confirm to the technical specifications and standards specified in Section IV, "Technical Specifications & Compliance with Specifications". 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. 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.
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.
D: Submission and Opening of Quotation	
10. Submission of Quotation	10.1 Vendors may submit their quotations by Registered post in sealed envelopes addressed to the Purchaser and bear the specific identification of the quotation number. 10.2 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.
11. Deadline for Submission of Quotation	11.1 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.

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12. Late Quotations	12.1 The Purchaser shall reject any quotation that arrives after the deadlinee for submission of quotations, in accordance with ITV Clause 11.1 above.

13. Opening of Quotations	13.1 The Purchaser shall conduct the opening of quotation in public at the address, date and time specified in the Data Sheet. 13.2 A representative of the bidders may be present and mark his attendance.
E: Evaluation and Comparison of Quotations	
14. Clarifications	14.1 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. 14.2 The Purchaser's request for clarification and the response shall be in writing.
15. Responsiveness of Quotations	15.1 The Purchaser will determine the responsiveness of the quotation to the documents based on the contents of the quotation received. 15.2 If a quotation is evaluated as not substantially responsive to the documents issued, it may be rejected by the Purchaser.
16. Evaluation of quotations	16.1 The Purchaser shall evaluate each quotation that has been determined, to be substantially responsive. 16.2 To evaluate a quotation, the Purchaser may consider the following: (a) the Price as quoted; (b) price adjustment for correction of arithmetical errors; (c) price adjustment due to discounts offered. 16.3 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.

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17. Purchaser's Right to Accept any Quotation, and to Reject any or all Quotations	17.1 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.

F: Award of Contract	
18. Acceptance of the Quotation	18.1 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.
19. Notification of acceptance	19.1 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.
20.Signing of Contract	20.1 Within (14) days after notification, the Purchaser shall complete the Agreement, and in form the successful Bidder have to sign it. 20.2 Within fourteen (14) days of receipt of such information, the successful Bidder shall sign the Agreement.
21. Performance Security.	21.1 Within fourteen (14) days of the receipt of notification of award from the Purchaser, the successful Bidder is required furnish the Performance Security in accordance with the CC, using for that purpose the Performance Security Form included in Section VII contract forms, The Employer shall promptly notify the name of the winning Bidder to each unsuccessful Bidder and discharge the Bid Security of the unsuccessful bidders. 21.2 Failure of the successful Bidder to submit the above mentioned Performance Security or sign the contract shall contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security or execution of the Bid-Securing Declaration. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the purchaser to be qualified to perform the contract satisfactorily.

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Section II: Data Sheet

ITV Clause Reference	
1.1	The Purchaser is: **Vice Chancellor** 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.
7.3	Manufacturer's Authorization is required.
11.1	Address for submission of quotations is **Director/ OTS, AHEAD Project, University of Ruhuna, Wellamadama, Matara.** Deadline for submission of quotations is at **2.00 p.m. on September 26, 2022**
13	The Quotations shall be opened at the following address: **AHEAD PROJECT, OTS-Office, University of Ruhuna, Wellamadama, Matara.**
16	Other factors that will be considered for evaluation are (List and describe the methodology):
Additional Clause	
17. Payment	Payment shall be made within eight weeks after receiving the invoice and other required documents to the Office for each item supplied.
21.Performance Security	If required, the supplier should forward performance security of 10% of the total contract price. This should be issued in favour of the Vice Chancellor, University of Ruhuna, valid for a one year period from the date of acceptance of the order.

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Section III: Schedule of Requirements

Note:
1. Bidders a) May quote all items.
2. Evaluation will be based on: a) separately.

Item No.	Brief Description of the Goods	Quantity	Specification and Requirements	Delivery Period	Bidder's offered Delivery Date
01	Handheld UV Lamp	01	Annexure I	2 Weeks	
02	Magnetic Hot Plate Stirrer	01	Annexure II		
03	Glass Chromatography Column	03	Annexure III		
04	Laboratory Oven	01	Annexure IV		
05	Sieve Set	01	Annexure V		
06	Side by Side Fridge Freeze	01	Annexure VI		
07	Ultra-Pure Water system (Type One Distillatory)	01	Annexure VII		

Place of Delivery: Department of Chemistry, Faculty of Science, University of Ruhuna, Wellamadama, Matara

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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:.....

[insert complete name of Purchaser]

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 [insert a brief description of the Goods];

(c) The total price of our quotation including any discounts offered is: [insert the total quoted price in words and in figures];

(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]

Dated:

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PRICE SCHEDULE –IV

Contract: Supply, Delivery, Installation, Commissioning and Testing of Laboratory Equipment for University of Ruhuna

IFB No: AHEAD/RA3/DOR05/RUH/CHEMISTRY/LAB.EQU./2022/NS-219

Item No.	Description	Qty.	Unit Rate. (Without VAT) (Rs. & Cents)	VAT (Rs. & Cents)	Total Amount (With VAT) (Rs. & Cents)
01	Handheld UV Lamp	01			
02	Magnetic Hot Plate Stirrer	01			
03	Glass Chromatography Column	03			
04	Laboratory Oven	01			
05	Sieve Set	01			
06	Side by Side Fridge Freeze	01			
07	Ultra-Pure Water system (Type One Distillatory)	01			

We agree to supply and delivery the above goods in accordance with the technical specifications for a total contract price of Rupees..... (*amount in figures*) (.....*amount in words*) within the period specified in the Invitation for Quotations.

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

....

Signature of the Bidder **Name of the Bidder** **Date**

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Annexure I

Specification of UV lamp

Item Name: Handheld UV Lamp

Quantity: 01

No	Specifications	Requirements	Bidders compliance	
			Yes/No	if "No" indicate your offer
1	Manufacturing country	Please specify		
2	Brand	Please specify		
3	Model	Please specify		
4	Dual Wavelength	Yes		
5	UV Wavelength	365nm & 254nm		
6	Portable, Lightweight	Yes		
7	Power Supply Voltage	220V- 240V, 50/60hz AC, or cordless rechargeable units Please specify		
8	Warranty	one Year or more Comprehensive		

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Annexure II

Specification of Magnetic stirrer

Item Name: Magnetic Hot Plate Stirrer

Quantity: 01

No	Specifications	Requirements	Bidders compliance	
			Yes/No	if "No" indicate your offer
1	Country of origin	Please specify		
2	Brand	Please specify		
3	Model	Please specify		
4	Construction material	Techno polymer structure, Or please specify		
5.	Type	Laboratory Benchtop		
6	Stirring Capacity (Stirring volume (H_2O))	≥ 5 L Or please specify		
7	Stirring Speed range	Up to 1500 rpm Or please specify		
8	Dimensions of the heating plate:	180x180mm Or please specify		
9	Heating plate	Ceramic material Or please specify		
10	Electronic temperature control	from room temp. to ≥ 300 °C		
11	Over temperature protection	yes		
12	Display	Digital LED display or LCD Please specify		
13	Electrical Requirements	230V /50 - 60Hz Please specify		

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14	Warranty	All-inclusive minimum 01-year comprehensive warranty		
15	Accessories included	Magnetic stirring bars		

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Annexure II

Specification of Glass Chromatography Column

Required quantity :- 03

Item Name :- **Glass Chromatography column**

No.	Specification	Requirements		Bidders Compliance	
				Yes/ No	If "No" indicate your offer
		Interior Dimensions	**Quantity**		
1	Column	Length: around 30-50 cm Interior Diameter: Around 3-4 cm Or please specify	1		
2		Length: around 30-50 cm Interior Diameter: Around 2-2.5 cm Or please specify	1		
3		Length: around 25-30 cm Interior Diameter: Around 1-1.5 cm Or please specify	1		
4	Other	Chromatography column with PTFE Stopcock and Coarse Fritted Disc			
5	Material	Borosilicate glass or specify			

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Annexure IV

Specification of Oven

Required quantity :- 01

Item Name :- **Laboratory Oven**

No.	Specification	Requirements	Bidders Compliance	
			Yes/ No	If "No" indicate your offer
01	Country of Origin	Please specify		
02	Country of Manufacture	Please specify		
03	Type	Please specify		
04	Brand	Please specify		
05	Working temperature range	at least 5 or 10 above ambient temperature to +300 °C or Please specify		
06	Setting temperature range	+20 to +300 °C or please specify		
07	Temperature sensor	Yes		
08	Language setting	Please specify		
09	ControlCOCKPIT	Please specify		
10	Timer	Digital time setting, adjustable from 1 minute to more than 5 days		
11	Function SetpointWAIT	the process time does not start until the set temperature is reached		
12	Calibration	three freely selectable temperature values or please specify		
13	adjustable parameters	temperature (Celsius) and programme time		

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Annexure II

Specification of Sieve set

Required quantity :- 01

Item Name :- **Sieve set**

Specification	Requirements	Bidders Compliance	
		Yes/ No	If "No" indicate your offer
Stainless Steel Sieve set	Cylinder shape Stainless steel mesh and frame Set of 6 sieves, Include lid and catch pan (mesh sizes: 5 (4,000 micron), 10 (2,000 micron), 35 (500 micron), 60 (250 micron), 120 (125 micron), and 230 (63 micron). Includes lid and catch pan.) Sieve Diameter: approximately 7". Intermediate height- around 4" depth to wire cloth (or please specify)		

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Annexure VI

Specification of Side by Side Fridge Freezer

Required quantity :- 01

Item Name :- Side by Side Fridge Freezer

No.	Specification	Requirements	Bidders Compliance	
			Yes/ No	If "No" indicate your offer
01	Country of Origin	Please specify		
02	Country of Manufacture	Please specify		
03	Brand	Please specify		
04	Product type	Combined laboratory Fridge and Freezer		
05	Fridge component temperature indicator	It can be set to 1 to 8 °C Or please specify		
06	Fridge component storage capacity	100-150 L Or please specify		
07	Freezer component temperature indicator	It can be set to 0 to -20 °C Or please specify		
08	Freezer component storage capacity	100-150 L Or please specify		
09	Frequency	50-60 Hz		
10	Supply voltage	220-240 V		
11	Material	Polypropylene Or please specify		
12	Display	Digital Or please specify		
13	Defrosting Technique	Please specify		

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14	Refrigerant type	Please specify		
15	Cooling technology	Please specify		
16	Door Type	Double Door		
	Warranty	≥ one year		

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Annexure VII

Specification of Ultra-Pure Water System

Item No :- 01

Required quantity :- 01

Item Name :- Ultra-Pure Water System (Type one distillator)

No.	Specification	Requirements	Bidders Compliance	
			Yes/ No	If "No" indicate your offer
01	Model	Please specify		
02	Brand	Please specify		
03	Make	Please specify		
04	Country of Origin	Please specify		
05	Type of Water	The system Should be capable of producing both ultrapure water (Type1) and RO water directly from tap water (potable water) as feed water		
06	Water Quality	Ultra-pure (Type 1) water Product water quality must be with resistivity 18.2 MΩ·cm @ 25 °C		
07	Online TOC Monitoring	Total Organic Carbon (TOC) (with 185/254 nm UV lamp) must be < 5 ppb or less in Ultrapure (Type 1) water		
08		Particulates (size > 0.22 μm) must be < 1 particulate/ml or less in ultra-pure (Type 1) water		
09		Bacteria content must be < 0.1 cfu/ml or less in ultra-pure (Type 1) water		
10	Water reservoir	Should have in built-in tank with a capacity of 6L or more to store produced RO water & tank should be made of Polypropleyne, it should be not made of EVA film		

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		Material (Ethylene Vinyl Acetate). The tank should not be consumable & user-friendly for cleaning purposes.		
11	Producing capacity	The system should be capable of providing a minimum 3 L per hour		
12	Maintain water quality	When water is not used, the system should recirculate water in order to maintain high water quality		
13		The system should be capable of setting to automatically deliver a user selecter volume of ultrapure water on demand		
14	UV-Lamp	Should has built-in 185nm/254nm UV lamp to kill microorganisms		
15	Dispenser	The system should be capable of a water dispensing capacity of 0.5 L/min of ultra-pure water		
16	Installation	The system should be a benchtop system		
17	Accessories	Should have the range of application pack point-of-use polishers to fine-tune ultrapure water		
18		Cartridge/s should be in the all-in-one pack by enabling easy and rapid replacement		
19		Extra cartridge/s should be provided		
20		Should be provided 0.22 μm membrane filters for a year		
21	Display	should have a user-friendly color graphic display that shows key system parameters at glance, enabling easy water quality and maintenance warnings monitoring; the screen rotates for easy viewing wherever the system is located		
22	Other Mandatory Requirements	Printed original literature from the instrument manufacturer should be attached with the offer. All requested		

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		specifications should highlight and tag for easy reference		
23		A letter of Authority from the instrument manufacturer should be accompanied with the tender document by the certifying local agent in Sri Lanka. Offers not carrying an authentic letter of authority will be rejected.		
24		A complete set of operation and maintenance manuals should be available		
25		Installation and commissioning of the instrument should be done by the local agent		
26		Complete training for operation, maintenance, and calibration of the instrument should be provided by the local agent at the installation site.		
27		After-sales services, calibration, and maintenance work should be provided by the local agent. The local agent should attend to service and repairs within 24 hours from a breakdown		
28		The local representative should have proper after-sales service and details of after-sales service members should be submitted with the quotation. Copy of training certificates of after-sales service members should be attached.		
29	Warranty	One year or more than one year		

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