



University of Ruhuna  
Wellamadama  
Matara

June 30, 2022

The Manager

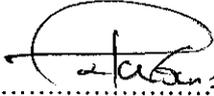
**Invitation for Bids (IFB)**

**Contract: Supply, Delivery and Testing of Chemicals and Consumables for University of Ruhuna**

**IFB No -AHEAD/RA3/DOR05/RUH/CHEM/CHEMICALS/2022/NS-202**

The Chairman, Department Procurement Committee on behalf of the University of Ruhuna now invites sealed bid from you for **Supply, Delivery and Testing of Chemicals and Consumables** 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 July 15, 2022**. Late bids will be rejected.

  
.....  
Deputy Director- Procurement  
University of Ruhuna,  
Wellamadama,  
Matara.

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





**UNIVERSITY OF RUHUNA**

**PROCUREMENT OF GOODS UNDER  
NATIONAL SHOPPING PROCEDURES**

**INVITATION FOR QUOTATIONS  
FOR**

**Supply, Delivery and Testing of Chemicals and Consumables  
for University of Ruhuna**

**IFB No:  
AHEAD/RA3/DOR05/RUH/CHEM/CHEMICALS/2022/NS-202**

**Ms. D. V. L. Krishani  
Deputy Director - Procurement  
Operations Technical Secretariat  
AHEAD Project  
University of Ruhuna  
Wundwinna, Ruhuna.**

## Section I. Instructions to Vendors (ITV)

<b>A: General</b>	
<b>1. Scope of Bid</b>	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>B: Contents of Documents</b>	
<b>2. Contents of Documents</b>	2.1 The documents consist of the Sections indicated below. <ul style="list-style-type: none"> <li>• Section I. Instructions to Vendors (ITV)</li> <li>• Section II. Data Sheet</li> <li>• Section III. Schedule of Requirements</li> <li>• Section IV. Technical Specifications &amp; Compliance with Specifications with price schedule</li> <li>• Section V. Quotation submission Form(s)</li> </ul>
<b>C: Preparation of Quotation</b>	
<b>3. Documents Comprising your Quotation</b>	3.1 The Quotation shall comprise the following: <ol style="list-style-type: none"> <li>(a) Quotation Submission Form and the Price Schedules;</li> <li>(b) Technical Specifications &amp; Compliance with Specifications</li> </ol>
<b>4. Quotation Submission Form and Price Schedules</b>	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 <b>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.</b>
<b>5. Prices and Discounts</b>	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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 Operations Technical Secretariat  
 AHEAD Project  
 University of Calicut  
 Calicut

	<p>5.3 The applicable VAT shall be indicated separately.</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 adjustable price shall be treated as nonresponsive and may be rejected.</p>
<b>6. Currency</b>	6.1 The vendors shall quote only in Sri Lanka Rupees.
<b>7. Documents to Establish the Conformity of the Goods</b>	<p>7.1 The vendor shall furnish as part of its quotation the documentary evidence that the Goods confirm to the technical specifications and standards specified in Section IV, "Technical Specifications &amp; 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>
<b>8. Period of Validity of quotation</b>	8.1 Quotations shall remain valid for the period of <b>sixty (60)</b> days after the quotation submission deadline date.
<b>9. Format and Signing of Quotation</b>	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.
<b>D: Submission and Opening of Quotation</b>	
<b>10. Submission of Quotation</b>	<p>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.</p> <p>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.</p>
<b>11. Deadline for Submission of Quotation</b>	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.
<b>12. Late Quotations</b>	12.1 The Purchaser shall reject any quotation that arrives after the deadline for submission of quotations, in accordance with ITV Clause 11.1 above.

<b>13. Opening of Quotations</b>	<p>13.1 The Purchaser shall conduct the opening of quotation in public at the address, date and time specified in the Data Sheet.</p> <p>13.2 A representative of the bidders may be present and mark his attendance.</p>
<b>E: Evaluation and Comparison of Quotations</b>	
<b>14. Clarifications</b>	<p>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.</p> <p>14.2 The Purchaser's request for clarification and the response shall be in writing.</p>
<b>15. Responsiveness of Quotations</b>	<p>15.1 The Purchaser will determine the responsiveness of the quotation to the documents based on the contents of the quotation received.</p> <p>15.2 If a quotation is evaluated as not substantially responsive to the documents issued, it may be rejected by the Purchaser.</p>
<b>16. Evaluation of quotations</b>	<p>16.1 The Purchaser shall evaluate each quotation that has been determined, to be substantially responsive.</p> <p>16.2 To evaluate a quotation, the Purchaser may consider the following:</p> <ul style="list-style-type: none"> <li>(a) the Price as quoted;</li> <li>(b) price adjustment for correction of arithmetical errors;</li> <li>(c) price adjustment due to discounts offered.</li> </ul> <p>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.</p>
<b>17. Purchaser's Right to Accept any Quotation, and to Reject any or all Quotations</b>	<p>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.</p>

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 University of Andhra  
 Visakhapatnam

<b>F: Award of Contract</b>	
<b>18. Acceptance of the Quotation</b>	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.
<b>19. Notification of acceptance</b>	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.

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AHEAD Project  
University Of Ruhuna  
Wenemulla, Sri Lanka

## Section II: Data Sheet

ITV Clause Reference	
1.1	The Purchaser is: <b>Vice Chancellor</b> 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 <b>Director/ OTS, AHEAD Project, University of Ruhuna, Wellamadama, Matara.</b> Deadline for submission of quotations is at <b>2.00 P.M. on July 15, 2022</b>
13	The Quotations shall be opened at the following address: <b>AHEAD PROJECT, OTS-Office, University of Ruhuna, Wellamadama, Matara.</b>
16	Other factors that will be considered for evaluation are (List and describe the methodology):
<b>Additional Clause</b>	
17. Payment	Full Payment shall be made within four weeks after receiving the invoice for each item supplied.
19. Liquidated Damages	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 <b>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.</b>
21. Performance Security	If required, the supplier should forward performance security of 10% of the total contract price. This should be issued in favor of the Vice Chancellor, University of Ruhuna, valid for a required period from the date of acceptance of the order.

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

## Section III: Schedule of Requirements

**Note:**

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

Item Number	Description of the Goods	Qty.	Specification and Requirements	Delivery Period in Days from issue of Purchase Order	Delivery Date Offering by the Bidder
1.	Sephadex LH 20 High-purity grade for liquid column chromatography	100 g	Annexure I	2 weeks	
2.	Sea sand High purity for liquid column chromatography	500 g			
3.	Modified Silica TLC plates (Reverse phase TLC plate)	1 pk (20 sheets/pk)			
4.	Silica gel (Pk – 500 g) High-purity grade for liquid column chromatography	1 kg			
5.	Silica TLC plates (Normal phase)	5 pk (25 sheets/pk)			
6.	Preparative TLC plates	1 pk (25 sheets/pk)			
7.	Dichloromethane (Pk – 2.5 L)	10 L		Annexure II	
8.	Acetonitrile (Pk – 2.5 L)	10 L			
9.	Methanol (Pk – 2.5 L)	25 L			
10.	Methanol (Pk – 2.5 L)	25 L			

Department of Chemistry  
 Faculty of Science  
 University of Malakal  
 Malakal, South Sudan

11.	Ethanol (Pk – 2.5 L)	10 L	Annexure III	
12.	Ethanol (Pk – 2.5 L)	5 L		
13.	Isopropyl Alcohol (Pk – 2.5 L)	5 L		
14.	2,2-Diphenyl-1-Picrylhydrazyl (DPPH)	2 g		
15.	(-)-epicatechin	20 mg		
16.	Serotonin	25 mg		
17.	Harmine	50 mg		
18.	Avenacoside A	1 mg		
19.	Soyasapogenol B	5 mg		
20.	Rutin	50 mg		
21.	Resveratrol	100 mg		

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

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 Operations Technical Secretariat  
 AHEAD Project  
 University of Ruhuna

## 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:

Ms. D. V. L. Krishani  
Deputy Director - Procurement  
Operations Technical Secretariat  
AHEAD Project  
University Of Botswana  
Gaborone

Mr. D. V. L. Krishani  
 Deputy Director - Procurement  
 Operations Technical Secretariat  
 AHEAD Project  
 University Of Ruhuna  
 Galle, Sri Lanka

## PRICE SCHEDULE –IV

Package Name: Supply, Delivery and Testing of Chemicals and Consumables for University of Ruhuna

IPB No - AHEAD/RA3/DOR05/RUH/CHEM/CHEMICALS/2022/NS-202

Item No.	Description	Qty.	Unit Rate. (Without VAT)(Rs. & Cents)	VAT (Rs. & Cents)	Total Amount (With VAT) (Rs. & Cents)
1.	Sephadex LH 20 High-purity grade for liquid column chromatography	100 g			
2.	Sea sand High purity for liquid column chromatography	500 g			
3.	Modified Silica TLC plates (Reverse phase TLC plate)	1 pk (20 sheets/pk)			
4.	Silica gel (Pk – 500 g) High-purity grade for liquid column chromatography	1 kg			
5.	Silica TLC plates (Normal phase)	5 pk (25 sheets/pk)			
6.	Preparative TLC plates	1 pk (25 sheets/pk)			
7.	Dichloromethane (Pk – 2.5 L)	10 L			
8.	Acetonitrile (Pk – 2.5 L)	10 L			

9.	Methanol (Pk – 2.5 L)	25 L				
10.	Methanol (Pk – 2.5 L)	25 L				
11.	Ethanol (Pk – 2.5 L)	10 L				
12.	Ethanol (Pk – 2.5 L)	5 L				
13.	Isopropyl Alcohol (Pk – 2.5 L)	5 L				
14.	2,2-Diphenyl-1-Picrylhydrazyl (DPPH)	2 g				
15.	(-)-epicatechin	20 mg				
16.	Serotonin	25 mg				
17.	Harmine	50 mg				
18.	Avenacoside A	1 mg				
19.	Soyasapogenol B	5 mg				
20.	Rutin	50 mg				
21.	Resveratrol	100 mg				
<b>Total</b>						



Chemicals for purchase

N0	Brief description of the Goods	Quantity	Specification	Bidders Compliance	
				Yes/No	If "No" indicate your offer
01	Sephadex LH 20 High-purity grade for liquid column chromatography	100 g	High purity grade (Supelco-Merck/ Sigma-Aldrich)		
02	Sea sand High purity for liquid column chromatography	500 g	ACS/AR or high grade (Supelco-Marck/ Sigma-Aldrich)		
03	Modified Silica TLC plates (Reverse phase TLC plate)	1 pk (20 sheets/pk)	TLC Silica gel 60 RP-18 F254s Silica gel 60 RP-18 F254s*2 Layer Thickness/ $\mu\text{m}$ : 200 Format / cm: 20 x 20 Support / Backing: aluminum Pack size / Content: 20 sheets		
04	Silica gel (Pk – 500 g) High-purity grade for liquid column chromatography	1 kg	Silica gel high-purity grade, pore size 60 Å, 230-400 mesh particle size, 40-63 $\mu\text{m}$ particle size, for flash chromatography		
05	Silica TLC plates (Normal phase)	5 pk (25 sheets/pk)	Silica gel on TLC Aluminum foils Silica gel coated with fluorescent indicator Thin Layer Chromatography (TLC), (Analytical TLC) L×W = 20×20 cm		
06	Preparative TLC plates	1 pk (25 sheets/pk)	Silica gel on TLC glass support Silica gel coated with fluorescent indicator Thin Layer Chromatography (TLC), (preparative TLC) L×W = 20×20 cm 2,000 $\mu\text{m}$		

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University Of Ruhuna  
Sri Lanka



**Chemicals for purchase**

Item NO	Brief description of the Goods	Quantity	Specification	Bidders Compliance	
				Yes/ No	If "No" indicate your offer
07	Dichloromethane (Pk – 2.5 L)	10 L	Purity ≥ 99.8 % AR grade		
08	Acetonitrile (Pk – 2.5 L)	10 L	Purity ≥ 99.8% AR grade		
09	Methanol (Pk – 2.5 L)	25 L	Purity ≥ 99.9% HPLC grade Residue on Evaporation ≤ 0.0003 % Water ≤ 0.02 % Fluorescence (As Quinine) 254 nm ≤ 1.0 ppb Fluorescence (As Quinine) 365 nm ≤ 1.0 ppb HPLC Absorbance 230 nm ≤ 2 mAU HPLC Absorbance 254 nm ≤ 5 mAU Alkalinity (as NH <sub>3</sub> ) ≤ 0.0005 % Infrared Spectrum: Conforms to Structure UV Absorbance 400 nm ≤ 0.01 UV Absorbance 260 nm ≤ 0.01 UV Absorbance 240 nm ≤ 0.05 UV Absorbance 235 nm ≤ 0.10 UV Absorbance 230 nm ≤ 0.15 UV Absorbance 220 nm ≤ 0.30 UV Absorbance 210 nm ≤ 0.50		
10	Methanol (Pk – 2.5 L)	25 L	Purity ≥ 99.8% AR grade		

11	Ethanol (Pk – 2.5 L)	10 L	Purity $\geq$ 99.8% <b>AR grade</b>		
12	Ethanol (Pk – 2.5 L)	5 L	Purity $\geq$ 99.8 % <b>HPLC grade</b> Impurities: $\leq$ 0.001% free acid (as $\text{CH}_3\text{COOH}$ ) $\leq$ 0.001% non-volatile matter $\leq$ 0.2% water $\leq$ 1 ppb fluorescence (quinine) at 254 nm $\leq$ 1 ppb fluorescence (quinine) at 365 nm Transmittance: 210 nm, $\geq$ 20 % 225 nm, $\geq$ 50 % 240 nm, $\geq$ 80 % 260 nm, $\geq$ 98 %		
13	Isopropyl Alcohol (Pk – 2.5 L)	5 L	Purity $\geq$ 99.9 % <b>HPLC grade</b> Impurities: $\leq$ 0.0005% non-volatile matter $\leq$ 0.001% free acid (as $\text{C}_2\text{H}_5\text{COOH}$ ) $\leq$ 0.05% water Transmittance: 210 nm, $\geq$ 20% 220 nm, $\geq$ 50% 230 nm, $\geq$ 75% 260 nm, $\geq$ 98% Reflective Index: $n_{20/D}$ 1.377 (lit.) UV Absorbance: $\lambda$ : 205 nm $A_{\text{max}}$ : $\leq$ 1.0 $\lambda$ : 210 nm $A_{\text{max}}$ : $\leq$ 0.70 $\lambda$ : 220 nm $A_{\text{max}}$ : $\leq$ 0.20 $\lambda$ : 230 nm $A_{\text{max}}$ : $\leq$ 0.10 $\lambda$ : 260 nm $A_{\text{max}}$ : $\leq$ 0.01 $\lambda$ : 400 nm $A_{\text{max}}$ : $\leq$ 0.01		

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Deputy Director - Procurement  
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Walthamstam, Matara.

**Annexure III**

**Chemicals for purchase**

Item No	Brief description of the Goods	Quantity	Specification	Bidders Compliance	
				Yes/ No	If "No" indicate your offer
14	2,2-Diphenyl-1-Picrylhydrazyl (DPPH)	2 g	Extra pure AR grade Purity $\geq 95.0\%$		
15	(-)-epicatechin	20 mg	$\geq 98.0\%$		
16	Serotonin	25 mg	$\geq 98.0\%$		
17	Harmine	50 mg	$\geq 98.0\%$		
18	Avenacoside A	1 mg	$\geq 95.0\%$		
19	Soyasapogenol B	5 mg	$\geq 98.0\%$		
20	Rutin	50 mg	$\geq 95.0\%$		
21	Resveratrol	100 mg	$\geq 99.0\%$		

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