



University of Ruhuna
Wellamadama
Matara

July 28, 2021

The Manager

Invitation for Bids (IFB)

Contract: Supply, Delivery, Installation and Commissioning of Laboratory Equipment and Chemicals

IFB No -AHEAD/RA3/DOR05/RUH/CHEM/GOODS&CHEMICALS/ 2021/NS-146

The Chairman, Department Procurement Committee on behalf of the University of Ruhuna now invites sealed bid from you for **Supply, Delivery, Installation and Commissioning of Laboratory Equipment and Chemicals** 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 11.08.2021**. Late bids will be rejected.

A handwritten signature in black ink, appearing to be 'Ruh'.

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

Mr. R. C. Katippearachchi
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, Installation and Commissioning of Laboratory Equipment
and Chemicals**

IFB No:

AHEAD/RA3/DOR05/RUH/CHEM/GOODS&CHEMICALS/ 2021/NS-146

*D. R. V. Walippearachchi
Deputy Director - Procurement
Operations Technical Secretariat
EAD Project
University of Ruhuna
Wellamadama, Matara*

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 with price schedule • 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.</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> |

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| | <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> |
| 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. |
| D: Submission and Opening of Quotation | |
| 10. Submission of Quotation | <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> |
| 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. |
| 12. Late Quotations | 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. |

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| 13. Opening of Quotations | <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> |
| E: Evaluation and Comparison of Quotations | |
| 14. Clarifications | <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> |
| 15. Responsiveness of Quotations | <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> |
| 16. Evaluation of quotations | <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"> (a) the Price as quoted; (b) price adjustment for correction of arithmetical errors; (c) price adjustment due to discounts offered. <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> |
| 17. Purchaser's Right to Accept any Quotation, and to Reject any or all Quotations | <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> |

| 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. |

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Section II: Data Sheet

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|--------------------------|---|
| 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 August 11, 2021 |
| 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 | 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 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 III: Schedule of Requirements

Note:

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

| Item Number | Brief Description of the Goods | Qty. | Specification and Requirements | Delivery Period in Days from issue of Purchase Order | Delivery Date Offering by the Bidder |
|-------------|--|--------------------|--------------------------------|--|--------------------------------------|
| 1. | Chromatography Column | 03 | Annex I | 2 weeks | |
| 2. | UV Lamp | 01 | Annex II | | |
| 3. | Magnetic Stirrers | 02 | Annex III | | |
| 4. | α -glucosidase by <i>Saccharomyces cerevisiae</i> | 1000 units (20 mg) | Annex IV | | |

Place of Delivery:

Item No 01, 02 & 03 –Department of Chemistry, Faculty of Science, University of Ruhuna, Wellamadama, Matara,

Item No 04- Department of Pharmacology, Faculty of Medicine, University of Ruhuna, Karapitiya, Galle

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PRICE SCHEDULE –IV

Package Name: Supply, Delivery, Installation and Commissioning of Laboratory Equipment and Chemicals

IFB No - AHEAD/RA3/DOR05/RUH/CHEM/GOODS&CHEMICALS/ 2021/NS-146

| Item No. | Description | Qty. | Unit Rate. (Without VAT)(Rs. & Cents) | VAT (Rs. & Cents) | Total Amount (With VAT) (Rs. & Cents) |
|--------------|--|-----------------------|---------------------------------------|-------------------|---------------------------------------|
| 1. | Chromatography Column | 03 | | | |
| 2. | UV Lamp | 01 | | | |
| 3. | Magnetic Stirrers | 02 | | | |
| 4. | α -glucosidase by <i>Saccharomyces cerevisiae</i> | 1000 units (20 mg) | | | |
| Total | | | | | |

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)

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

.....

Signature of the Bidder

.....

Name of the Bidder

.....

Date

Mr. R. C. K...
 Deputy Director...
 Operations...
 AHEAD Project
 University of Ruhuna
 Wellamadama, Matara

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:

Specification of Chromatography column

Annex I

Required quantity :- 03

Item Name :- **Chromatography column**

| 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 | | | |
| | Column | | | | |
| | Length (Length of Column Below Reservoir) | Interior Dimensions | Quantity | | |
| 04 | Column No: 01 Around 48 cm, (Column length only) | Around 4.0 cm | 1 | | |
| 05 | Column No: 02 Around 48 cm, (Column length only) | Around 2.0 cm | 1 | | |
| 06 | Column No: 03 Around 30 cm, (Column length only) | Around 1.2 cm | 1 | | |
| 07 | Reservoir for 3 columns | (separately, but the bottom part of the reservoir should be matched with column mouth and top part should be matched with flow | 250 ml capacity for column No: 01 and 02 | | |

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| | | control adapter) (quickfit setup) | 100 ml capacity for column No: 03 | | |
| 08 | Chromatography Flow Control Adapter for Flash Chromatography Column (for 3 columns sets) | flow controller with Teflon or PTFE needle valve (Flow control adapter comes with 0-4mm high vacuum PTFE valve with metering tip to adjust the air flow.) | | | |
| | Other | Chromatography column with PTFE Stopcock and Coarse Fritted Disc, Standard taper joints for each quickfit joins, | | | |
| | Accessories | Quickfit Socket Adapter (3) for fix the setup without Reservoir (fix the column and Flow control adapter only). | | | |
| 14 | Application for: | Natural product isolation | | | |
| 15 | Material | Borosilicate glass or specify | | | |

•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 | UV Window size | 150mm x 50mm | | |
| 7 | Number of UV Tubes | 2(1+1) | | |
| 8 | Portable, Light weight | Yes | | |
| 9 | Dimensions (W x D x H) (Approximately) | 88 x 415 x 60mm | | |
| 10 | Power Supply Voltage | 220V- 240V, 50/60hz AC or cordless rechargeable units | | |
| 11 | Warranty | one Years or more Comprehensive | | |

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Specification of Magnetic stirrer

Item Name: Digital Ceramic Hot Plate Stirrer

Quantity: 02

| No | Specifications | Requirements | Bidders compliance | |
|----|---|---|--------------------|-----------------------------|
| | | | Yes/No | if "No" indicate your offer |
| 1 | Country | Manufacturing country should be Japan, Europe, or USA | | |
| 2 | Brand | Please specify | | |
| 3 | Model | Please specify | | |
| 4 | Construction material | Techno polymer structure | | |
| 5 | Type | Laboratory Bench top | | |
| 6 | Stirring Capacity (Stirring volume (H ₂ O)) | 15 L | | |
| 7 | Stirring Speed range | Up to 1500 rpm | | |
| 8 | Dimensions of the heating plate: | 180x180mm | | |
| 9 | Heating plate: | Ceramic material | | |
| 10 | Electronic temperature control: | from room temp. to 550 °C | | |
| 11 | Excellent resistance to chemicals scratches and surface abrasions | yes | | |
| 12 | Programmable timer: | up to 999 minutes with automatic switch off | | |
| 13 | Over temperature protection | yes | | |
| 14 | Display | Digital LED display or LCD | | |
| 15 | Power | 800 W | | |
| 16 | Electrical Requirements | 230V /50 - 60Hz | | |

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|----|--|--|--|--|
| 17 | Warranty | All-inclusive minimum 01-year comprehensive warranty | | |
| 18 | Accessories included | | | |
| 19 | Magnetic stirring bar 6x35 mm -6 stirring bars | yes | | |
| 20 | Magnetic stirring bar 10x60 mm - 6 stirring bars | yes | | |
| 21 | Magnetic stir bar, Ø8x40mm - 6 stirring bars | yes | | |
| 22 | Hemispheric bowl for 100 ml flasks -2 supports for round-bottomed flasks | yes | | |
| 23 | Hemispheric bowl for 250 ml flasks -2 supports for round-bottomed flasks | yes | | |
| 24 | Hemispheric bowl for 500 ml flasks -2 supports for round-bottomed flasks | yes | | |

| Chemicals | Specifications of the chemical | Amount required | Bidders compliance | |
|--|---|-----------------------|--------------------|------------------------|
| | | | Yes/No | If "no" indicate offer |
| <i>α</i> -glucosidase by <i>Saccharomyces cerevisiae</i> | <p>Protein by Biuret ≥ 50 % units/mg Protein ≥ 10 Enzymatic Activity: One unit will liberate 1.0 micromole of D-glucose from p-nitrophenyl α-D-glucoside per min at pH 6.8 at 37 deg C.</p> <p>alpha-Galactosidase ≤ 0.1 % beta-Galactosidase ≤ 0.1 % beta-Glucosidase ≤ 0.1 % Quality Level = 200 Type = Type I Form = lyophilized powder Specific activity ≥ 10 units/mg protein (using p-nitrophenyl α-D-glucoside as substrate.) Contains phosphate buffer salts and EDTA as balance</p> | 1000 units (20 mg) | | |

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