



University of Ruhuna
Wellamadama
Matara

13.11.2022

The Manager,
.....

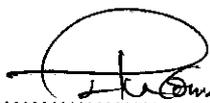
Invitation for Bids (IFB)

Contract: Supply, Delivery, Installation, Commissioning and Testing of Reflector Telescope for Department of Physics, Faculty of Science, University of Ruhuna

IFB No - AHEAD/RA3/ICE/RUH/SCI/PHY/GOODS/NS 227

The Chairman, Department Procurement Committee on behalf of the University of Ruhuna invites sealed bid from you for **Supply, Delivery, Installation, Commissioning and Testing of Reflector Telescope** 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 November 25, 2022**. Late bids will be rejected.
04. This contract is subject to,
 - I. Providing of performance security of 10% of the total contract price in accordance with the format attached and issued with this in favor of the **Vice Chancellor, University of Ruhuna**.
 - II. Entering in to the formal agreement with the University of Ruhuna.

 13/11/2022

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


Deputy Director - Procurements
University of Ruhuna
Wellamadama, Matara



UNIVERSITY OF RUHUNA

**PROCUREMENT OF GOODS UNDER
NATIONAL SHOPPING PROCEDURES**

**INVITATION FOR QUOTATIONS
FOR**

**Supply, Delivery, Installation, Commissioning and Testing of
Reflector Telescope for Department of Physics,
Faculty of Science, University of Ruhuna.**

IFB No: AHEAD/RA3/ICE/RUH/SCI/PHY/GOODS/2022/NS 227

Dr. G. P. L. Gunaratne
Deputy Director - Procurement
University of Ruhuna
Wedemookan, Ruhuna

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>

THE PURCHASER'S OFFICE
 1000 ...
 ...
 ...
 ...
 ...

	<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 confirm 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.

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: (a) the Price as quoted; (b) price adjustment for correction of arithmetical errors; (c) price adjustment due to discounts offered.</p> <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.
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 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.

THE UNIVERSITY OF DALHOUSIE
 OFFICE OF THE CHANCELLOR
 100 UNIVERSITY AVENUE
 HALIFAX, NS B3H 1J9
 CANADA

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 200 P.M on November 25, 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.
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.
21. Performance Security	If required, the supplier should forward performance security of 10% of the total contract price. This should be issued in favor the Vice Chancellor, university of Ruhuna, valid for required period from date of acceptance of the order.

Director/ OTS, AHEAD Project,
 University of Ruhuna,
 Wellamadama, Matara.

Section III: Schedule of Requirements

- Note:
1. Bidders a) May quote whole item.
 2. Evaluation will be based on: a) separately.

Item No.	Brief Description of the Goods	Specification and Requirements	Quantity	Delivery Period	Bidder's offered Delivery Date
01	Reflector Telescope	Annexure I	01	2 Weeks	

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

U. L. Wickramanayake
Secretary
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:

[Faint stamp or signature area]
[insert illegible text]

PRICE SCHEDULE -IV

Contact: Supply, Delivery, Installation, Commissioning and Testing of Reflector Telescope for Department of Physics, Faculty of Science, University of Ruhuna.

IFF No - AHEAD/RA3/ICE/RUH/SCI/PHY/GOODS/NS 227

Item No.	Description	Qty.	Unit Rate. (Without VAT) (Rs. & Cents)	VAT (Rs. & Cents)	Total Amount (With VAT) (Rs. & Cents)
01	Reflector Telescope	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**

Dr. V. L. Arachchi
 Deputy Director - Procurement
 Commission, Faculty of Science
 University of Ruhuna
 Matugama, Matugama

Specifications for Reflector Telescope

No.	Specification	Requirement	
01.	Make	Please specify	
02.	Model	Please specify	
03.	Country of origin	Europe or USA	
04.	Country of manufacturer	Please specify	
05.	Weight of optical tube and tripod	Please specify	
06.	Material of optical tube and tripod	Please specify	
07.	Colour of the tripod and optical tube	Please specify	
08.	Optical tube dimensions	Please specify	
09.	Optical design	Cassegrain / Schmidt-Cassegrain	
10.	Aperture	8 inches	
11.	Focal ratio	f/10	
12.	Optical coatings	A high-quality optical coating should be available. Please specify	
13.	Resolution	0.69 arc-seconds (Rayleigh) or better	
14.	Secondary mirror obstruction	≤ 10 % by area	
15.	Correcting plate/lens	A compatible correcting plate/lens should be available. Please specify	
16.	Finderscope	A compatible finderscope should be available. Please specify	
17.	Eyepiece(s)	A compatible eyepiece(s) should be available. Please specify	
18.	Focuser mechanism	Please specify	
19.	Diagonal	A compatible diagonal should be available. Please specify	
20.	Hand controller	A compatible hand controller should be available. Please specify	
21.	Mount type	Single-fork mount (Altitude-azimuth mount)	

22.	Tripod	A height-adjustable stainless steel tripod	
23.	Tripod weight	Please specify	
24.	Motorized controls	Should be available	
25.	Resolution of the motor	Please specify	
26.	GoTo capability	Should be available	
27.	Slew speeds Tripod	5°/sec, 3°/sec, 1°/sec, 2x, 4x, 8x, 16x, 32x, and 64x	
28.	Number of objects in the database	≥ 40,000	
29.	Communication ports	Hand controller port - 01	
		Autoguider port - 01	
		Aux port - 01	
30.	Tripod	A height-adjustable stainless steel tripod	
31.	Tripod weight	Please specify	
32.	Accessory tray	A compatible accessory tray should be available with the tripod	
33.	Filters	Moon filter - 01	
		Light pollution filter - 01	
34.	Wifi module	A compatible wifi module should be available. Please specify the details	
35.	Telescope power adapter	A compatible AC to DC telescope power adapter should be available.	
36.	Portable power station	A compatible portable power station unit should be available.	
37.	Model of the power station	Please specify	
38.	Dimensions of the power station	Please specify	
39.	Weight of the power station	Please specify	
40.	Colour of the power station	Please specify	
41.	Charging input voltage/frequency of the power station	220v/50Hz	
42.	Battery capacity of the power station	≥ 7 Ah	

