



UNIVERSITY OF RUHUNA

**PROCUREMENT OF GOODS UNDER
NATIONAL SHOPPING PROCEDURES**

**INVITATION FOR QUOTATIONS
FOR**

**Supply, Delivery, Installation, Commissioning and Testing of
A Set of accessories for the Cassegrain Telescope for Department of Physics,
Faculty of Science, University of Ruhuna.**

IFB No: AHEAD/RA3/ICE/RUH/SCI/PHY/GOODS/NS 228

Dr. D. M. L. Wickramaratne

Head of the Procurement Unit,
University of Ruhuna, Ruhuna.

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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	<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>

	<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.

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;</p> <p>(b) price adjustment for correction of arithmetical errors;</p> <p>(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.

Mr. D. V. L. Prisham
District Engineer, Bangalore
District Engineer, Bangalore
District Engineer, Bangalore
District Engineer, Bangalore

Asst. D. N. L. Wickramaratne
 Director/OTS, AHEAD Project, University of Ruhuna,
 Wellamadama Matara.
 Date: 25/11/2022
 Time: 10:30 AM

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 one year period from date of acceptance of the order.

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	Portable Power Supply	Annexure I	01	2 Weeks	
02	Telescope Eyepiece and Filter Kit	Annexure I	01	2 Weeks	
03	Moon Filters Set	Annexure I	01	2 Weeks	
04	Light Pollution Filter	Annexure I	01	2 Weeks	
05	Oxygen III Filter	Annexure I	01	2 Weeks	
06	UV/IR Bandpass Filter	Annexure I	01	2 Weeks	
07	White Light Solar Filter- Type 01	Annexure I	01	2 Weeks	
08	White Light Solar Filter- Type 02	Annexure I	01	2 Weeks	
09	Dew Shield- Type 01	Annexure I	01	2 Weeks	
10	Dew Shield- Type 02	Annexure I	01	2 Weeks	
11	LED Headlamp	Annexure I	01	2 Weeks	

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

PRICE SCHEDULE –IV

Contract: Supply, Delivery, Installation, Commissioning and Testing of a set of accessories for the Cassegrain Telescope for Department of Physics, Faculty of Science, University of Ruhuna.

IFB No - AHEAD/RA3/ICE/RUH/SCI/PHY/GOODS/NS 228

Item No.	Description	Qty.	Unit Rate. (Without VAT) (Rs. & Cents)	VAT (Rs. & Cents)	Total Amount (With VAT) (Rs. & Cents)
01	Portable Power Supply	01			
02	Telescope Eyepiece and Filter Kit				
03	Moon Filters Set				
04	Light Pollution Filter				
05	Oxygen III Filter				
06	UV/IR Bandpass Filter				
07	White Light Solar Filter- Type 01				
08	White Light Solar Filter- Type 02				
09	Dew Shield- Type 01				
10	Dew Shield- Type 02				
11	LED Headlamp				

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. amount in words) within the period specified in the Invitation for Quotations.

Signature of the Bidder

Name of the Bidder

Date

Annexure 01

Table No. 01 - Portable power supply

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin	Europe or USA	
03.	Country of manufacture	Please specify	
04.	Dimensions	Please specify	
05.	Weight	Please specify	
06.	Colour	Please specify (Black colour is preferred)	
07.	Input charging voltage/frequency	220V/50Hz	
08.	Output interfaces	DC output 12V - 2	
		USB output 5V/2.1A - 2	
		USB type C output 5V/2.1A - 1	
		AC output 220V/50Hz - 1	
		Other - please specify	
09.	Battery type	High-quality lithium batteries with high-temperature resistance should be available	
10.	Battery capacity	≥ 18 Ampere hour at 12V	
		≥ 200 Watt-hour	
11.	Telescope power cable	A power cable compatible with Meade 12" f/10 LX200 ACF telescope should be available	
12.	Telescope power cable length	≥ 3 meter	
13.	Battery capacity indicator	Should be available	
14.	LED display	Should be available	
15.	Carry handle	Should be available	
16.	Cooling vents	Should be available	
17.	Short circuit protection	Should be available	

18.	Over-current protection	Should be available	
19.	Over-voltage protection	Should be available	
20.	Low-voltage protection	Should be available	
21.	Over-load protection	Should be available	
22.	Over-temperature protection	Should be available	
23.	Fully charged time	Please specify	
24.	Power input adapter	Should be available	
25.	Other included accessories	Please specify	
26.	Compatibility	The quoted power supply should be compatible with Meade 12" f/10 LX200 ACF Telescope, and all other compatible accessories (power cables, etc.) to connect the power supply to Meade 12" f/10 LX200 ACF telescope should be available	
27.	Availability of CE compliance certificate for the product	The product should comply with CE standards, and the CE certificate should be available for the product	
28.	Availability of spare parts for a minimum of five years	Please specify	
29.	User manuals	Should be provided in hard copy or electronic format	
30.	Warranty period	A minimum one-year comprehensive warranty is required	
31.	Warranty agreement	Please specify	
32.	Number of free services	Please specify	
33.	Condition of service agreement and fee after warranty	Please specify	
34.	Shipping method	Please specify	

35.	Operational environmental condition	The quoted power supply should function without any defect under the climate condition in Sri Lankan environments	
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Table No. 02 - Telescope eyepiece and filter kit

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin	Europe or USA	
03.	Country of manufacture	Please specify	
Eyepieces			
04.	The number of eyepieces should be available in the kit	05	
05.	Focal lengths of the eyepieces (one eyepiece from each focal length)	6 mm	
		8 mm	
		13 mm	
		17 mm	
		32 mm	
06.	Design	Plossl	
07.	Barrel size	1.25"	
08.	Field of view	52°	
09.	Body material	Aluminium	
10.	Coatings	A high-quality anti-reflection coating should be available. Please specify	
11.	Filter threads	Should be available	
12.	Rubber eye guards	Should be available	
13.	Barlow lens	A compatible 2x Barlow lens should be available	

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 Department
 Colombo
 Sri Lanka

Filters		
14.	The number of filters should be available in the kit	06
15.	Filter size	Filter size should match with standard 1.25-inch eyepieces
16.	Filter type	Blue filter - 01
		Green filter - 01
		Light green filter - 01
		Red filter - 01
		Orange filter - 01
		Deep yellow filter - 01
17.	Filter threads	Should be available
18.	Compatibility	Quoted filter set should be compatible with the eyepieces in quoted eyepiece and filter kit
General Specifications		
19.	Carrying case	A hard aluminium carrying case should be available. The carrying case can be locked
20.	Other included accessories	Please specify
21.	Warranty period	A minimum one-year comprehensive warranty is required
22.	Shipping method	Please specify
23.	Operational environmental condition	The quoted items should function without any defect under the climate condition in Sri Lankan environments

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 Director, General Services Division
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Table No. 03 - Moon filters set

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin	Europe or USA	
03.	Country of manufacture	Please specify	
04.	Filter cell material	Aluminium	
05.	The number of filters should be available in the set	04	
06.	Filter type	Neutral density filter of 13% light transmission - 01	
		Neutral density filter of 25% light transmission - 01	
		Neutral density filter of 50% light transmission - 01	
		Moon & sky glow filter - 01	
07.	Filter threads	Should be available	
08.	Compatibility	Quoted moon filters should be compatible with quoted standard 1.25" eyepieces in table no. 02	
09.	Carrying case	A plastic carrying case should be available	
10.	Other accessories	Please specify	
11.	Warranty period	A minimum one-year comprehensive warranty is required	
12.	Shipping method	Please specify	
13.	Operational environmental condition	The quoted items should function without any defect under the climate condition in Sri Lankan environments	

Table No. 04 - Light pollution filter

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin	Europe or USA	
03.	Country of manufacture	Please specify	
04.	Filter type	Light pollution filter	
05.	Filter threads	Should be available	
06.	Compatibility	Quoted filters should be compatible with quoted standard 1.25" eyepieces in table no. 02	
07.	Other accessories	Please specify	
08.	Warranty period	A minimum six-month comprehensive warranty is required	
09.	Shipping method	Please specify	
10.	Operational environmental condition	The quoted items should function without any defect under the climate condition in Sri Lankan environments	

Table No. 05 - Oxygen III filter

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin	Europe or USA	
03.	Country of manufacture	Please specify	
04.	Filter type	Oxygen III filter	
05.	Transmission wavelengths	496 nm and 501 nm doubly-ionized oxygen lines	
06.	Filter threads	Should be available	
07.	Compatibility	Quoted filters should be compatible with quoted standard 1.25" eyepieces in table no. 02	
08.	Other accessories	Please specify	
09.	Warranty period	A minimum six-month comprehensive warranty is required	
10.	Shipping method	Please specify	
11.	Operational environmental condition	The quoted items should function without any defect under the climate condition in Sri-Lankan environments	

Table No. 06 - UV/IR bandpass filter

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin	Europe or USA	
03.	Country of manufacture	Please specify	
04.	Filter type	UV/IR bandpass L filter	
05.	Transmission wavelength range	420 nm - 685 nm	
06.	Percentage of transmission of the wavelength range	98%	
07.	Filter threads	Should be available	
08.	Compatibility	Quoted filters should be compatible with quoted standard 1.25" eyepieces in table no. 02	
09.	Other accessories	Please specify	
10.	Warranty period	A minimum six-month comprehensive warranty is required	
11.	Shipping method	Please specify	
12.	Operational environmental condition	The quoted items should function without any defect under the climate condition in Sri Lankan environments	

1. 10/10/2017
 2. 10/10/2017
 3. 10/10/2017
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 6. 10/10/2017
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 9. 10/10/2017
 10. 10/10/2017
 11. 10/10/2017
 12. 10/10/2017
 13. 10/10/2017

Table No. 07 - White light solar filter - type 01

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin	Europe or USA	
03.	Country of manufacture	Please specify	
04.	Diameter	Please specify	
05.	Frame (housing) material	Aluminium	
06.	Percentage of incoming light block	99.999%	
07.	Method of attachment to optical tube assembly	A proper and safe method should be to attach the filter to the optical tube assembly. Please specify	
08.	Other included accessories	Please specify	
09.	Availability of ISO compliance certificate for the product	The product should comply with ISO standards, and the ISO certificate should be available for the product	
10.	Compatibility	The quoted white light solar filter should be compatible to use with Meade 12" f/10 LX200 ACF telescope, and it should fit with the optical tube of the Meade 12 inches f/10 LX200 ACF telescope	
11.	Warranty period	A minimum one-year comprehensive warranty is required	
12.	Shipping method	Please specify	
13.	Operational environmental condition	The quoted white light solar filter should function without any defect under the climate condition in Sri Lankan environments	

Table No. 08 - White light solar filter - type 02

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin	Europe or USA	
03.	Country of manufacture	Please specify	
04.	Diameter	Please specify	
05.	Frame (housing) material	Aluminium	
06.	Filter material	Mylar film	
07.	Percentage of incoming light block	99.999%	
08.	Method of attachment to optical tube assembly	A proper and safe method should be to attach the filter to the optical tube assembly. Please specify	
09.	Other included accessories	Please specify	
10.	Availability of ISO compliance certificate for the product	The product should comply with ISO standards, and the ISO certificate should be available for the product	
11.	Compatibility	The quoted white light solar filter should be compatible to use with Celestron NexStar 8SE 203 mm f/10 Schmidt-Cassegrain telescope, and it should fit with the optical tube of the Celestron NexStar 8SE 203mm f/10 Schmidt-Cassegrain telescope	
12.	Warranty period	A minimum one-year comprehensive warranty is required.	
13.	Shipping method	Please specify	
14.	Operational environmental condition	The quoted white light solar filter should function without any defect under the climate condition in Sri Lankan environments	

Table No. 09 - Dew shield - type 01

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin/manufacture	Europe or USA	
03.	Dimensions	Please specify	
04.	Weight	Please specify	
05.	Material	Please specify	
06.	Colour	Black	
07.	Compatibility	The quoted dew shield should be compatible to use with Meade 12" f/10 LX200 ACF telescope	
08.	Warranty period	A minimum one-year comprehensive warranty is required	
09.	Shipping method	Please specify	
10.	Operational environmental condition	The quoted dew shield should function without any defect under the climate condition in Sri Lankan environments	

Table No. 10 - Dew shield - type 02

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin/manufacture	Europe or USA	
03.	Dimensions	Please specify	
04.	Weight	Please specify	
05.	Material	Please specify	
06.	Colour	Black	
07.	Compatibility	The quoted dew shield should be compatible to use with Celestron NexStar 8SE 203 mm f/10 Schmidt-Cassegrain telescope	
08.	Warranty period	A minimum one-year comprehensive warranty is required	
09.	Shipping method	Please specify	
10.	Operational environmental condition	The quoted dew shield should function without any defect under the climate condition in Sri Lankan environments	

Ministry of Defense
General Services Administration
Procurement Division
P.O. Box 100
Sri Lanka

Table No. 11 - LED headlamp

No.	Description	Minimum Requirements	Remarks
01.	Model	Please specify	
02.	Country of origin/manufacture	Europe or USA	
03.	Dimensions	Please specify	
04.	Red lamp	Should be available	
05.	White lamp	Should be available	
06.	Lamp brightness	Please specify	
07.	Power requirement	Please specify	
08.	Adjustable headband	Should be available	
09.	Water-resistant	Please specify	
10.	Warranty period	A minimum one-year comprehensive warranty is required	
11.	Shipping method	Please specify	
12.	Operational environmental condition	The quoted item should function without any defect under the climate condition in Sri Lankan environments	