



University of Ruhuna
Wellamadama
Matara

August 13, 2021

The Manager

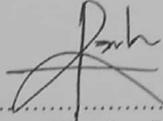
Invitation for Bids (IFB)

Contract: Supply, Delivery, Installation, Commissioning and Testing of Solar Power System for Faculty of Medicine, University of Ruhuna

IFB No - AHEAD/RA1/STEM02/RUH/GOODS/2021/NS-155

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 Solar Power System for Faculty of Medicine, University of Ruhuna** indicated in the annexed bid document.

01. Bidding will be conducted through National Shopping method of procurement.
02. **Pre bid meeting and the site inspection will be held on August 23, 2021 at 10.00 a.m. at the Faculty of Medicine, Karapitiya, Galle**
03. 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)**
04. 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 August 31, 2021. Late bids will be rejected.**
05. This contract is subject to,
 - 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.
 - Entering in to the formal agreement with the University of Ruhuna.


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Deputy Director- Procurement
AHEAD Project
University of Ruhuna,
Wellamadama,
Matara

Mr. R. C. Ketipearachchi
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, Commissioning and Testing of Solar Power System
for Faculty of Medicine, University of Ruhuna

IFB No: AHEAD/RA1/STEM02/RUH/GOODS/2021/NS-155

Mr. R. C. Ketipearachchi
Deputy Director - Procurement
Operations Technical Secretariat
AHEAD 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>

Mr. R. C. Ketippearachchi
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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>
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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>
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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>
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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)</p> <ul style="list-style-type: none"> 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>
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<p>17. Purchaser's Right to Accept any Quotation, and to Reject any or all Quotation</p>	<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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<p align="center">F: Award of Contract</p>	
<p>18. Acceptance of the Quotation</p>	<p>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.</p>
<p>19. Notification of acceptance</p>	<p>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.</p>
<p>20. Signing of Contract</p>	<p>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.</p>
<p>21. Performance Security.</p>	<p>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.</p>

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 August 31, 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	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	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 a required period which includes the warranty period from date of acceptance of the order. (Format is Attached)

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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	Specification and Requirements	Quantity	Delivery Period	Bidder's offered Delivery Date
1.	Solar Power System	Annex I	01	2 weeks	

Place of Delivery: Faculty of Medicine, University of Ruhuna, Karapitiya, Galle

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 Solar Power System for Faculty of Medicine, University of Ruhuna
IFB No - AHEAD/RA1/STEM02/RUH/GOODS/2021/NS-155

Item No.	Description	Qty.	Unit Rate. (Without VAT) (Rs. & Cents)	VAT (Rs. & Cents)	Total Amount (With VAT) (Rs. & Cents)
1.	Solar Power System	01			

We agree to supply, delivery, installation and testing 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

Solar System

Please note that all the categories under the Bidders Compliance **should be filled**. Instead of just referring the user manual/specification bulletin only will cause the bids to be rejected

SPECIFICATIONS	REQUIREMENTS	Bidders Compliance	
		Yes/No	If "No" indicate your offer
General requirements			
Pre-bid meeting with the University representatives and a pre-bid site visit are required.			
Solar PV Panels			
Brand	Please specify		
Model	Please specify		
Country of Origin	Please specify		
PV Module Type	Monocrystalline (IEC certification required)		
System Capacity	50 kW		
Conversion Efficiency	18% or Higher		
PV panel mounting	Rooftop mounting		
By-pass diodes	Please specify the details of the Bypass Diode and number of Bypass Diodes fixed per module.		
Method of Shade mitigation	Please specify		
Panel Weight	Please specify		
Total PV area	should be less than 1000 m ²		
Fire Class of the PV Module	Please specify		
Safety	Electrical protection, withstand ability for different environmental conditions, resistance to fire, salt and mist corrosion test required (IEC certification required)		
Minimum Warranty	25 years or higher		
Inverter			
Inverter Manufacture Brand Name	European standard or equivalent		
Country of Origin	Please specify		
AC supply	3φ, 220 -240 V(ph-ph), 50 Hz		
Inverter Local Agent in Sri Lanka – Name and Experience	Please specify		
Number of Inverters with their capacities	Please specify		
Safety	Protection is required against over-currents, under- or over- voltages, surges, under- or over-frequency for DC input and AC output with alarms, AC short-circuit, AC overload protection		
Minimum Warranty	05 years or higher		
Inverter Efficiency	Over 95 %		
Number of MPPT trackers	1 or higher		
Real time monitoring	required		

SPECIFICATIONS	REQUIREMENTS	Bidders Compliance	
		Yes/No	If "No" indicate your offer
Grid Connection			
Agreement type	Net metering		
Brand of the Electrical Panel and Accessories	Please specify		
DC and AC cables			
Conductor Details	Please specify		
Insulation Material Details	Please specify		
Maximum Cable Resistance	Please specify		
Rated Voltage	Please specify		
Current carrying capacity	Please specify		
PV System Overall Safety			
DC side isolation	Please specify		
AC side isolation	Please specify		
Fire protection (resistance against severe, moderate or light fires) **	IEC standard required		
Electrical protection	Protection is required against over-currents, under- or over- voltages, surges, under- or over-frequency, islanding and array arcing for DC input and AC output with alarms.		
Sudden inverter input voltage reduction capability in case of emergency.	Please specify		
Earthing	Frame Grounding and Circuit Grounding		
Lightning Arrestor details	Please specify		
Mechanical protection	Please specify on Maximum bearable wind load, resistance to corrosion.		
After installation Services			
Any major component failure [PV panel (s), inverter(s), optimizer etc.]	Replacement time within the warranty period is 14 days		
No of Days to replace the total system in the event of Major failure	Within 30 days		

**Note: Please specify the "highest level of specification value" that you could attain for the lowest price/ you may provide prices for different levels.
 Your quoted value should indicate the total cost for "supply and Installation". If required, you can visit the site.