



## INVITATION LETTER

Package Code: CRS/TEQIP-III/2020/UP/mmug/01

Current Date: 05-Feb-2020

Package Name: MUTMECRS01

Method: National Shopping

To,

Sub: INVITATION LETTER FOR MUTMECRS01

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)	Required Delivery Time
1	Weather Station	01	MMMUT, Gorakhpur	Applicable	Within 4 weeks after issuing of Purchase order
2	Solar Still	02	MMMUT, Gorakhpur	Applicable	Within 4 weeks after issuing of Purchase order
3	Computer System	01	MMMUT, Gorakhpur	Applicable	Within 4 weeks after issuing of Purchase order

2.	NPIU-MHRD (Government of India) has received a credit from the International Development Association (IDA) towards the cost of the <b>Collaborative Research Scheme (CRS)</b> under Technical Education Quality Improvement Programme [TEQIP]-Phase III Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.	
3.	<b>Quotation</b>	
	3.1	The contract shall be for the full quantity as described above.
	3.2	Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
	3.3	All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
	3.4	Applicable taxes shall be quoted separately for all items.
	3.5	The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
	3.6	The Prices should be quoted in Indian Rupees only.
4.	Each bidder shall submit only one quotation.	
5.	Quotation shall remain valid for a period not less than <b>60</b> days after the last date of quotation submission.	
6.	Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which	
	6.1	are properly signed; and
	6.2	Confirm to the terms and conditions, and specifications.
7.	The Quotations would be evaluated for all items together.	

8.	Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.	
	8.1	Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
	8.2	The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order.
9.	Payment shall be made in Indian Rupees as follows:	

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory Delivery & Installation	30	80
Satisfactory Acceptance	30	20

10.	Liquidated Damages will be applied as per the below: Liquidated Damages Per Day Min %: 0.01 Liquidated Damages Max %: 10
11.	All supplied items are under warranty of <b>12</b> months from the date of successful acceptance of items and AMC/Others is.
12.	You are requested to provide your offer latest by <b>15:00</b> hours on <b>19-Feb-2020</b> .
13.	Detailed specifications of the items are at Annexure I.
14.	Training Clause: <b>In-house (MMMUT) training for two days</b>
15.	Testing/Installation Clause: <b>Complete Installation and demonstration is required for Weather Station Setup for Solar Still</b>
16.	Certificates of manufactures/authorized dealers/agents must be attached with the quotation.
17.	Copy/List of purchase orders of similar equipment/goods supplied to other reputed organizations should be attached with the quotations in support of quoted rates.
18.	Should follow Environmental Management System like ISO- 14001:2001 Consistent with the Bidders Environmental Policy. Compliance to Quality Management System like ISO- 9001:200 function effectively by adopting a process approach. Should have adopted Quality, Environment, Health and Safety Policy to meet changing expectations of customers, to use resources in environment friendly manner and to minimize hazards/risks in compliance with occupational health and safety practices.
19.	The bidder should not have been blacklisted by central/ state Government/ PSU entity in India or similar agencies globally for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices as on date of submission of the proposal.
20.	The bidder should have a registered number of GST registration certificate from GSTN, where business is located. The bidder should have a registered income tax/ PAN number and must have a clearance status
21.	Any deviation from the printed specifications should be clearly mentioned in the offer document by the Bidder.

22.	In case the firm decline to offer the specified equipment after receiving the purchase order it will be get blacklisted by the MMMUT and the concerned firm will not be qualified for bidding in future.
23.	At least one or more similar nature of work should be executed in any NIT/IIT/Govt. Institutions. Necessary document must be accompanied along with the bid.
24.	Successful bidders kindly Provide Performance security @ 10% of the goods cost (where total package cost exceeds Rs. 5 lacs), valid for 1 Year
25.	Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
26.	The OEM should have GAC/GRIHA/IAQ certified products.
27.	Company shouldn't be blacklisted in recent years.
28.	In order to provide better service to institution, the bidder should have local service setup at Gorakhpur
29.	The Bidder should have its own in-house testing facility. Quality Management System as per International Standards. The Bidder shall furnish all such certificates as and when required.
30.	Sealed quotation to be submitted/ delivered at the address mentioned below, <b>The Registrar, M. M. M. University of Technology, Deoria Road, Gorakhpur – 273010</b>
31.	We look forward to receiving your quotation and thank you for your interest in this project.
32.	Any dispute shall be settled in Gorakhpur jurisdiction only.

(Authorized Signatory)

Name & Designation

**Annexure I**

Sr. No	Item Name	Specifications																								
1	Weather Station	<p><b>Equipment: -</b></p> <ol style="list-style-type: none"> <li>1. Wind speed sensor 3-cup anemometer with magnetic switch</li> <li>2. Temperature sensor with thermistor</li> <li>3. Humidity sensor with solid state capacitor type sensor</li> <li>4. Solar radiation sensor with silicon photodiode sensor</li> </ol> <p>Weather station should include 2 components: The integrated sensor suit (ISS) which houses and manages the external sensor array, and the console which provides the user interface, data display and calculations.</p> <p><b>Wind speed sensor 3-cup anemometer with magnetic switch</b> To measure the wind speed accurately.</p> <p><b>Wind Speed:</b> Current wind speed. Average for the last ten minutes and each of the last 24 hours. High and average wind speed alarms</p> <p><b>Wind Direction:</b> Current and for the last 24 hours, 30 days, and 24 months. Direction of high wind speed.</p> <p><b>Specifications :-</b></p> <table border="1" data-bbox="432 1256 1321 1402"> <tr> <td>Sensor type</td> <td>3-cup Anemometer with magnetic switch</td> </tr> <tr> <td>Range</td> <td>0-67 m/s, 0 to 360 from North (Least Count 1 )</td> </tr> <tr> <td>Accuracy</td> <td>±1.5 m/s</td> </tr> <tr> <td>Resolution</td> <td>0.1 m/s</td> </tr> </table> <p><b>Temperature sensor with thermistor</b> To measure temperature accurately.</p> <p><b>Specifications:</b></p> <table border="1" data-bbox="432 1615 1321 1760"> <tr> <td>Sensor type</td> <td>Thermistor</td> </tr> <tr> <td>Range</td> <td>-40 to +65°C</td> </tr> <tr> <td>Accuracy</td> <td>±0.5 °C</td> </tr> <tr> <td>Resolution</td> <td>1 °C</td> </tr> </table> <p><b>Humidity sensor with solid state capacitor type sensor</b> To measure humidity accurately</p> <p><b>Specifications:</b></p> <table border="1" data-bbox="432 1962 1321 2107"> <tr> <td>Sensor type</td> <td>Solid state Capacitor type sensor</td> </tr> <tr> <td>Range</td> <td>0 to 100 %</td> </tr> <tr> <td>Accuracy</td> <td>±3% of full scale reading</td> </tr> <tr> <td>Resolution</td> <td>1 %</td> </tr> </table>	Sensor type	3-cup Anemometer with magnetic switch	Range	0-67 m/s, 0 to 360 from North (Least Count 1 )	Accuracy	±1.5 m/s	Resolution	0.1 m/s	Sensor type	Thermistor	Range	-40 to +65°C	Accuracy	±0.5 °C	Resolution	1 °C	Sensor type	Solid state Capacitor type sensor	Range	0 to 100 %	Accuracy	±3% of full scale reading	Resolution	1 %
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		<p align="center"><b>Solar radiation sensor with silicon photodiode sensor</b></p> <p><b>Specifications:</b></p> <table border="1"> <tr> <td>Sensor type</td> <td>Silicon photodiode</td> </tr> <tr> <td>Range</td> <td>0-1800 W/m<sup>2</sup></td> </tr> <tr> <td>Accuracy</td> <td>± 5%</td> </tr> <tr> <td>Resolution</td> <td>1 W/m<sup>2</sup></td> </tr> </table>	Sensor type	Silicon photodiode	Range	0-1800 W/m <sup>2</sup>	Accuracy	± 5%	Resolution	1 W/m <sup>2</sup>
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Resolution	1 W/m <sup>2</sup>									
2	<b>Solar Still</b>	<p>For experimentation (as a base case and modified one)</p> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>• 36" x 36" SS 304 solar desalination system with 5 mm toughened glass</li> <li>• Total floor (basin) area occupied 1m x 1m, with back cleaning window, and coated black from outside, with bottom drain and MS powder coated support structure</li> </ul>								
3	<b>Computer System</b>	<p>Assembled Desktop-</p> <ul style="list-style-type: none"> <li>• Processor: <ul style="list-style-type: none"> <li>○ Processor Make-Intel</li> <li>○ Processor Description- Intel core i3</li> <li>○ Processor generation-7</li> </ul> </li> <li>• Operating System <ul style="list-style-type: none"> <li>○ OS (Factory Pre-Loaded)-Windows 10 professional</li> <li>○ OS certification- windows</li> </ul> </li> <li>• Memory <ul style="list-style-type: none"> <li>○ Type of RAM - DDR4</li> <li>○ RAM Size (GB) - 4</li> <li>○ RAM expandability up to - 16 GB</li> </ul> </li> <li>• Storage <ul style="list-style-type: none"> <li>○ Total HDD capacity (GB)- 1000</li> </ul> </li> <li>• Connectivity <ul style="list-style-type: none"> <li>○ Wireless connectivity-Yes</li> <li>○ Type of wireless connectivity- wi-fi</li> <li>○ No of ethernet ports-1</li> <li>○ Bluetooth connectivity-no</li> <li>○ No of HDMI ports-1</li> </ul> </li> <li>• Monitor <ul style="list-style-type: none"> <li>○ LED Backlit monitor size (inches) - 24</li> <li>○ Monitor Resolution (pixels)- 1920x1080</li> <li>○ No of VGA ports in the Monitor-1</li> <li>○ No of HDMI ports in the Monitor-1</li> </ul> </li> <li>• Power <ul style="list-style-type: none"> <li>○ Power supply capacity (watt)-250</li> <li>○ Minimum power efficiency range (%)-90 to 94</li> </ul> </li> <li>• Input Devices <ul style="list-style-type: none"> <li>○ Mouse connectivity- wired</li> <li>○ Type of mouse- optical scroll</li> </ul> </li> </ul>								

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|  |  | <ul style="list-style-type: none"><li>○ Keyboard connectivity-wired</li><li>○ Type of keyboard- standard</li><li>● Warranty<ul style="list-style-type: none"><li>○ On site warranty (year)-1</li></ul></li></ul> |
|--|--|--|

**FORMAT FOR QUOTATION  
SUBMISSION**  
(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To: \_\_\_\_\_

Sl. No.	Description of goods \ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of \_\_\_\_\_ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No. \_\_\_\_\_