

No. NAHEP/Quot/275/of 2019

Office of PI, NAHEP

Deptt. of UCES &amp; EE,

Dr. PDKV, Akola

Date: 05/01/2019

To,

---



---



---

Dear Sir,

**Subject:** INVITATION FOR QUOTAION OF SOLAR POWER GENERATION SYSTEM WITH  
OPTIONAL ACCESSORIES AS SUN PATH FINDER & RHEOSTAT

1. You are invited to submit your most competitive quotation for the following Goods:-

Sr. N.	Brief Description of the goods	Specifications*	Quantity **	Delivery Period	Place of Delivery	Installation requirement if any
1.	Solar Power Generation System with optional accessories as sun path finder & Rheostat	<p><b>Scope of Learning</b> The Geography behind Solar PV installation Understanding the Sun position and tilting of solar PV module, Analysis of voltage and current at different tilt angles, Effect of shadow on Solar PV system</p> <p><b>Measurement and Analysis of Different parameters of Solar PV module</b> Open circuit voltage (Voc) of Solar PV module, Short circuit current (Isc) of Solar PV module, Parameters measurement with parallel Solar PV module, Parameters measurement with series Solar PV module, I-V characteristics of PV module, P-V characteristics of PV module, Vmp, Imp, MPP &amp; Fill Factor Measurement of Solar PV Module</p> <p><b>Estimating Solar PV system</b> Load Estimation and calculation</p> <p><b>Charge controller</b> Basics of MPPT, Efficiency calculation of Charge Controller</p> <p><b>Inverter &amp; Batteries</b> Testing of inverter, Testing of battery using gravity hydrometer, Analysis of the effect of dust on Solar PV module, Analysis of the effect of temperature on Solar PV module, Safety and Precaution for installation of Solar PV system</p> <p><b>Setup Included</b> Solar Panel: 250 Watt 2 Nos. Inverter : 1 No Capacity : 500 VA</p> <p><b>Battery</b> Make: Exide Solar Tubular Capacity: 100 Ah Type : C10 Quantity : 2 Nos.</p> <p><b>Digital Meters</b> DC Voltmeter: 0 -300 V, 2 Nos. DC Ammeter : 0 -20 A, 3 Nos. AC Multi Function Meter : Voltage – 10 -230 V</p>	1	After awarding the contract & the period of validity of quotation	NAHEP Deptt. of UCES & EE	With installation and demonstration

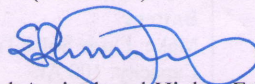
\*\* Quantity of work may be varies.

\* Where ISI certification marked Goods are available in market, procurement should generally be limited to goods with those or equivalent marketing and only.



2. Government of India has received a financing from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of the National Agricultural Higher Education Project (NAHEP) and intends to apply part of the proceeds of this Loan to eligible payments under the contract for which this invitation for quotations is issued.
3. **Bid Price**
- The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
  - All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
  - Sales tax in connection with the sale shall be shown separately.
  - The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - The prices shall be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. **Validity of Quotation**  
Quotation shall remain valid for a period not less than 15 days after deadline date specified for submission.
6. **Evaluation of Quotations**  
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
- Are properly signed; and
  - Conform to the terms and conditions, and specifications.
- The quotations would be evaluated for all the item together/would be evaluated separately for each item. [Select one of the options].  
Sales tax in connection with sale of goods shall not be taken into account in evaluation.
7. **Award of contract**  
The purchaser will award the contract to be bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation prices.
- 7.1 Notwithstanding the above, the purchaser reserves the right to accept or reject any quotations and to cancel the bidding process the reject all quotations at any time prior to the award of contract.
- 7.2 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.
8. Payment shall be made immediately after delivery of the goods.
9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
10. You are requested to provide your offer latest by 17.00 hours on **17/01/2019** (date).
11. We look forward to receiving your quotations and thank you for your interest in this project.

(Purchaser)



Name: PI, National Agricultural Higher Education Project

Address: Deptt. of UCES&EE, Dr. PDKV, Akola

Tel. No.: 7588763787

Email.: [nahep.akl@gmail.com](mailto:nahep.akl@gmail.com)



## FORMAT OF QUOTATION FOR SUPPLIER

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						Rupees	
TOTAL	In Figures						
	In Words						
GST							

**Gross Total Cost: Rs. ....**

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

We also confirm that the normal commercial warrantee/ guarantee of ..... Months shall apply to the offered goods.

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