



## **ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA**

NEAR GIANI ZAIL SINGH COLLEGE, JODHPUR ROMANA, DABWALI ROAD-151001

### **Invitation of quotations for purchase of Solar Power house for Guard posts at AIIMS Bathinda**

Reference No.: AIIMS Bathinda/Engg. & Estate/24-25/ 4315

Dated 26 Mar 2025

## Notice for Invitation of quotations

**Sealed Quotations** are invited on behalf AIIMS, Bathinda for the subject work at AIIMS Bathinda as per terms & conditions mentioned below. The filled quotations along with all the required documents must reach in the office of the undersigned on or before **09<sup>th</sup> April 2025 (Wednesday), 17:00 hrs. (Date & Time)**. The **Envelope containing the quotation** must be sealed and **super scribed as under**: -

*“Invitation of quotations for purchase of Solar Power house for Guard posts at  
AIIMS Bathinda’- Department of Engineering & Estate”*

**The Quotation should be sent to the address: -**

The Executive Director  
AIIMS Bathinda,  
Mandi Dabwali Road,  
Punjab - 151001.

**Terms & Conditions:**

1. The quotations received **after this deadline or unsealed shall not be entertained** under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. The offer submitted by Fax / email shall not be considered and no correspondence will be entertained in this matter.
2. Quotations must be in the **enclosed prescribed Performa (BoQ) on the letterhead of the firm duly signed** by the Proprietor/ Partner/ Director or their authorized representative, in case of signing of quotation by the authorized representative letter of authorization must be attached with the quotation.
3. The supplier should supply and installed all the items.
4. Rates must be quoted in Indian rupees. Rates must be inclusive of **all charges** (including Freight charges, taxes, etc.). **No overwriting or cutting** is permitted in the rate. If found, the quotation shall be summarily rejected.
5. The **rates quoted must be valid for 90 days minimum from the date of opening of the quotation** and silence of any tendered on this issue shall be treated as agreed with this condition.
6. **Total cost/amount will be taken in consideration for L1.** Becoming L1 will not be the criteria for awarding of purchase order unless the rates are reasonable & justified.
7. The firm/agency may satisfy the following conditions: -
  - (i) The firm shall have valid GST/Other taxes and IT PAN.
  - (ii) The firm should not be black listed by any Government agency/Department.
8. Quantity may increase or decrease as per the decision of the competent authority of AIIMS Bathinda.

9. **Work Completion period** – within 30 days from Purchase order or as per work order awarded.
10. **Payment Terms:** Payment will be only after satisfactory execution of the work and after inspection by the AIIMS Bathinda. Payment will be done after verification of the work done by the engineering wing. No advance payment shall be admissible.
11. Unsealed quotations, quotations received after due date, quotations not superp
12. scribed as mentioned above, unsigned quotations are liable to be rejected. No queries regarding the same shall be entertained in this office. Quotations received through email, fax, telegram etc. shall not be entertained.
13. The decision of AIIMS Bathinda on all matters concerning this work shall be final and binding on the party submitting the quotation.
14. **Defect Liability Period:** DLP shall be of 03 month from completion date of the work.
15. To ensure the compliance during the **DLP period, 05% of the amount shall be withheld** from each bill of the contractor and that will be released after completion of the DLP period.
16. If the contractor does not start the work within the scheduled time, the contractor shall be debarred from participating in future tender of the Institute as per the respective clause of the Manual for Procurement of Works.
17. The work shall required to be executed as per the CPWD specifications. Substandard material/ work shall be rejected. Replacement of the same be done within 03 days from the issue of the notice, otherwise the contractor shall be liable to be penalized.
18. **LIQUIDATED DAMAGES:** - The successful bidder must start the work within 7 days of issuance of Letter of Commencement of work and complete the work within the time frame as stipulated by the AIIMS Bathinda, failing which, AIIMS Bathinda will recover Compensation for Delay of work @ .5 % per week or part of the week of delayed of the total amount of work (accepted Tendered Value of work) which may be recovered from bill/Performance Security/Security Deposit of the contractor. The total amount of compensation for delay to be paid under this condition shall not exceed 5 % (Five percent) of the Accepted tendered value of work. The said work can also be executed under the Risk and Cost of the Contractor with prior intimation of 15 days based upon the performance of the contractor.
19. **STATUTORY DEDUCTIONS:** - All the statutory deductions towards GST/Income Tax etc. shall be made from the bill/s as applicable as per the prevailing rates under the rules. TDS as applicable will be deducted from each bill of the contractor under the statutory rules of the Union Govt., in respect of Income Tax and other taxes. No claim on account of any other

statutory charges for execution of work awarded under this contract will be entertained by AIIMS Bathinda and such charges should be paid by the contractor himself.

20. **INDEMNIFICATION:** - AIIMS Bathinda shall have no liability whatsoever towards the persons deployed by the contractor for the subject of work. The contractor shall keep AIIMS Bathinda indemnified against all losses/damages/liabilities/claims arising out of deployment of the contractor's workers during the period of the contract. Any claim which may arise during the currency of the contract or at any subsequent point of time shall be the sole responsibility of the contractor and AIIMS Bathinda shall in no way be held responsible for it.

21. **LIABILITY AGAINST LOSS OR DAMAGE TO LIFE OR PROPERTY:** - The contractor shall be liable to pay AIIMS Bathinda for any loss/damage caused because of theft/pilferage of any property of AIIMS Bathinda from the premises where the staffs of the contractor have been deployed, provided such loss/damage is due to the negligence of the contractor or its deployed manpower which shall be deducted from Security deposit/Performance Guarantee if not paid. The contractor shall also be liable for the consequences of any incident of major/minor injury or accident or death caused to any of its worker arising out of or in the course of his employment under the scope of the contract. AIIMS Bathinda shall not be responsible for any injury or loss of life in respect of the contractor that may take place while on work. Any compensation or expenditure towards treatment for such injury or loss of life shall be the sole responsibility of the contractor. The contractor shall be solely responsible for any damage, injury or accident that may occur to any of his personnel working under his contract. No claim whatsoever arises to AIIMS Bathinda.

Sd/-  
Executive Engineer (Civil),  
AIIMS Bathinda

## Specifications of Solar Panel to be Installed

1	Description	225-Watt 12V
2	Type of Cell	PID Free/Mono Perc-Crystalline Si
3	Glass	Non-ARC coated, Tempered & Low iron
4	Frame	>10-micron Anodized Aluminium
5	Junction Box	Weather Proof Nylon IP 68
6	Power (Pm)	225 Watts (0+3%)
7	Warranty	25 Years
8	Open Circuit Voltage (Voc)	24.37 Volts
9	Short Circuit Current (Isc)	11.82 Amps
10	Voltage at Maximum Power (Vmp) in Volts	20.25 Volts
11	Current at Maximum Power (Imp) in Amps	11.12 Amps
12	Maximum System Voltage (Vdc)	1500
13	Solar Cells per Module	72 Units
14	Length x Width x Thickness	1580 x 705 x 35 mm
15	Weight (Max)	12 Kg
16	Junction Box Cable	2 DIODE IP67
17	Max. Series Fuse	20 A

## Specifications of Solar Charge Controller

1	DC Voltage	12V
2	Precise Control	Microcontroller
3	Operating Temperature	0-50°C
4	Battery Charging Regulation Mode	Pulse Width Modulation
5	Operating Solar Input Voltage (Voc) Max	25V
6	Nominal Battery Voltage	12/24V DC (Auto Sensing)
7	SPV Charging Voltage - Boost	14.5V
8	Solar Current (max)	10A
9	Load Current Max	10A
10	Charge Controller Efficiency	>90%
11	Idle Consumption	<30mA
12	Min. Solar Input Voltage (Voc) @ Start-up	17V±2V
13	USB Port	5V/2A
14	Dimension (LXWXH)	75x132x36 mm

## Specifications of LED Bulb

	Feature	Specification
1	Model	LED BULB 9W
2	Protection	Surge & Over Protection
3	Rated Wattage	9W
4	Input Voltage	12 VDC
5	Voltage Range	9V-14V
6	Lumens	945lm*
7	Operating Temp.	-10°C ~ 50°C

## Specifications of Solar BLDC Ceiling Fan

	Parameter	Specification
1	Description	SOLAR BLDC 12V CEILING FAN
2	Speed Consistency	Consistent Speed from 9-15 V DC
3	Motor	BLDC Motor
4	Supply Voltage (nominal)	12V
5	Voltage Range (input)	9V-15V
6	Input Power	18W-22W
7	Sweep	1200 MM
8	Starting	Super energy efficient BLDC Motor with smooth start
9	Default Speed	320 RPM
10	Operating Ambient of Fan Temp.	0-50°C

## Specifications of Battery

	Feature	Specification
1	Nominal Voltage	12V
2	Capacity @ C10 at 27°C	40 Ah
3	Warranty	36 Months minimum
4	Dimensions (L x W x H)	410 x 172 x 235 mm



[BoQ]

(All rate/ amount in INR)

Purchase of Solar Power House for Guard Post at Various locations of AIIMS Bathinda					
S. No.	Description	Unit	Qty	Rate	Amount
1	Supply & Installation of Solar Power House Comprising of a) Solar Panel 225 Watts b) Solar Charger Controller 12 V c) LED Bulb 12 V 9 Watts d) Solar BLDC Fan 12 V e) Battery 12 V 40 AH  Including transportation charges, specification as mention in quotation documents.	Nos	6		
				<b>Total</b>	
				<b>GST</b>	
				<b>Total Amount inclusive of GST</b>	

Date:

(Name):

Place:

Name of Firm/Company/Agency:

GSTIN No.:

Phone No:

Email:

(Signature of Authorized Person) \_\_\_\_\_

Seal: \_\_\_\_\_