



ACU/AIMS-258(1)/Clsd-Tender/ 46 /2022-23

Date:01.07.2022

TENDER NOTIFICATION

Adichunchanagiri University is inviting **closed tender** for the *supply of 500LPD Solar Water Heating Systems* to the *Hostels of Adichunchanagiri Institute of Medical Sciences (AIMS), B.G. Nagara*, from the competitive firms.

1	Name of the work	Supply, Installation & Commissioning of 500 LPD Solar Water Heating Systems for the Hostels of Adichunchanagiri Institute of Medical Sciences
2	Last date for tender submission	On or Before 15.07.2022 up to 05:00 PM

Sl. No.	Name of the Goods Particulars	Provisional Qty. (In No's)
1.	Solar Water Heating Systems -500LPD	16

Note: Kindly send quotes in 2 bid formats (Technical and Financial bids sealed separately inside the main envelope for each individual item or list of items) to be addressed to **“The Registrar, Adichunchanagiri University, B.G. Nagara -571448, Nagamangala (T), Mandya(D)”**.

- Adichunchanagiri University reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.
- The sealed cover must be duly superscripted with the words “ACU/ AIMS-258(1)/Clsd Tendir/SWHS/Ref no” Or tender details for which company is quoting and quote should be in INR only.
- Attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN and 02 Years of ITR declaration inside the envelope and company contact details with email ID on the main envelope cover for further correspondence.
- Technical Specifications mentioned below are of minimum parameters; Products offered must meet these or exceed all requirements herein.
- Quote for **unit price** in INR with applicable GST (display GST at extra column) and Equipment/Instrument must have a **minimum warranty** of **03 years**.
- For any queries, please write to **registrar@acu.edu.in** or telephone to purchase section **+91 -98458 35834**

Dr. C.K. Subbaraya

Registrar

Adichunchanagiri University

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Technical Specifications

1. Solar Water Heating Systems 500 Litres Per Day	
System Capacity, in LPD	500 LPD,
Circulation	Thermosiphon
System operating pressure	Atmospheric
System output temperature	60°C at STC
Number of Flat Plate Collectors	4 no's for 500LPD
Heat exchanger Type	Jacket Type.
Collector	
Type	Flat plate collector
Size	1690x990 x 100 mm
Collector Frame	Extruded Aluminum
Finish	Polyurethane powder coated
Glass retaining Angle	Extruded Aluminum
Finish	Powder coated
Absorber	Single sheet Aluminum
Absorber coating	High performance single sheet German absorber with sputtering technology
Absorptivity	>0.95
Emissivity	< 0.05
Header	Copper – 1"
Riser	Copper – ½"
Bonding between fin and tube	Laser welding
Bonding between riser & header	Brazing with special neck formation in the header for smooth flow of fluid & stronger joint
Back sheet	Aluminum, Riveted & sealed with Silicone sealant
Glass	3.2 mm, Toughened, Low iron, Textured, High transmittance > 92% Solar glass
Glass Beading	EPDM
Leg mounting bolts	M6 Size, Stainless Steel, Qty.: 3 Nos.
Grommets	EPDM





End connection	Brass flange
Back Insulation	Rockwool – 50mm, density – 48 kg/m ³
Sides insulation	Polyurethane – 25mm
Reflective foil	Aluminum
Frame Corners	Sealed from inside with Silicone Sealant


Dr. C.K. Subbaraya
Registrar
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