

Bid invitation

Information

Description: Supply, Commissioning Solar water Heater

Bid invitation number: 6300037108

Version: 1

Bid invitation rules

Bid invitation currency: INR

Timezone: INDIA

Submission period: 22.02.2022 15:00:00

Tech Opening date: 22.02.2022 15:30:00

Created On: 12.02.2022 12:12:18

Bid invitation text:

E-MODE 2 BID TENDER INVITATION FOR SUPPLY & COMMISSIONING OF "SOLAR WATER HEATER" AS PER RFQ.

PLEASE DOWNLOAD THE TENDER DOCUMENTS FROM "Notes & attachments folder". UPLOAD DULY FILLED & SIGNED RFQ IN "NOTES & ATTACHMENTS" IN SRM. PRICE SHOULD BE MENTIONED IN 'PRICE CONDITIONS ONLY'.

EMD Amount: As per RFQ.

GENERAL TERMS & CONDITIONS:

1. Indicate item wise HSN code (Harmonized System of Nomenclature) for the materials of this bid invitation.
2. Indicate Basic price and Goods & Services Taxes (GST) separately.
3. Bidders should ensure that they have uploaded their GST details on BEML website.
4. Bidders have to mention their GST registration number in bid.
5. BEML standard terms and conditions apply as per the attachment. Any offer / quotation submission after the closing hours of the due date is not possible.
6. L-1 firm will be finalized based on the competitive price of the technically qualified firms.
7. Payment Terms: a. As per tender
b. Offers insisting for advance payment / against proforma will be not Consider for evaluation.
8. BEML is not obligated to contract for any of the products / services described in the RFQ. BEML reserves the rights to:
 - i. Accept or reject any or all proposals
 - ii. Modify or cancel the RFQ
9. The RFQ is not an offer or a contract.

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10. Proposals become BEML's property.

11. Bidders will not be compensated or reimbursed for costs incurred in preparing proposals.

12. Packing Clause: : Item should be packed preferably using Eco -friendly packing material.

Attachments:

RFQ

ANNEXURE

Digital Signature

Bid invitation details

Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
1	BEMLPA1440	ETC TYPE SOLAR WATER HEATER - 350 LPD		31.03.2022 00:00:00	2 NO

Material Specification Text:

Technical Specification for ETC type Solar water heater

Item Description Supply, Installation & Commissioning of ETC type Solar water heater

Quantity 2 Nos "Sl.No" Parameter Requirement

1 Eligibility criteria The firm shall submit 3 nos of Satisfactory performance certificate from the customer for supply & installation of similar type of Solar water heater with in last 5 years for acceptance of offer.

2 Make & Model MNRE approved model. The firm shall submit relevant document as a proof.

3 Type of Solar water heater ETC type Solar water heater

4 Heating capacity 350 +/- 10 LPD

5 ETC tube 3 layered Borosilicate coated tubes

6 ETC tube coating Cu/AlN/AlN-SS7

7 ETC tube glass thickness Minimum 1.6 mm

8 Type of Tank Insulated hot water storage tank

9 Inner tank & Outer tank material Minimum SS-304/ SS-316 grade

10 Supporting structure MS frame support with one coat of primer & 2 coats Anti corrosive painting OR suitable Aluminium supporting frame . Thickness of sheets shall be strong enough to avoid any deformation of the support.

11 Insulation material for Hot water tank/ Pipe line of solar water heater CFC free Poly Urethane Form (PUF)

12 Back up heater 1 No of ISI marked, 2KW, 240V AC, 50Hz operated, push type heater coil. Weather proof covering shall be provided for heater coil connection terminals.

13 Back up heater control Thermostat control

14 Fasteners used Stainless steel

15 Warranty The firm shall offer minimum 5 years warranty for the complete product and installation work from the date of commissioning.

16 Installation & commissioning The firm shall depute their service engineers to install the Solar water heater at our Guest house terrace with necessary piping works. The firm shall commission the Solar water heater to the satisfaction of BEML Ltd

17 Input water to Solar water heater BEML will provide 1500/ 2000L HDPE cylindrical water storage tank installed at a height of 1 meter from floor level. The firm shall design and install the supporting structure & tank of Solar water heater in such a way that water shall flow to Solar water tank in normal gravity flow.

18 Input pipe line connection for Solar water heater For input water supply, the firm shall take necessary UPVC pipe line connection from existing 1500/ 2000L HDPE cylindrical water storage tank using UPVC ball valve, air vent pipe & other UPVC pipe accessories.

19 Output pipe line connections for Solar water heater The output pipe line of Solar water heater shall be connected to existing CPVC pipeline near to the tank using CPVC ball valve, air vent pipe & other CPVC pipe accessories.

20 Civil works Any minor civil works like grouting, cement concreting etc for the installation of Solar water heater is under the scope of the firm. The firm

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Item	Product	Description	Vendor product number	Delivery date/ performance period	Quantity
	Price Condition				
	shall support the frame of Solar waterheater to withstand high wind velocity in Palakkad region.				
	SGST - State GST		%		
	Basic Price		INR		
	CGST - Central GST		%		
	IGST -Integrated GST		%		