



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY

NOTICE INVITING TENDER

Phone: +91 431 257 7421/ 7297

Email : vkarna@bhel.in , hari.r@bhel.in

Web : www.bhel.com

TWO PART BID

Tender to be submitted in two Parts

Enquiry
Number:

2632000005

Enquiry Date:

14.02.2020

Due date for submission of
quotation:

09.03.2020

You are requested to quote the Enquiry number date and due date in all your correspondence. This is only a request for quotation and not an order.

Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14:00 hrs on the Date of tender opening.

Item	Description	Quantity
10	Split Air-conditioner – 1.5 Ton as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in/epublish/app)	23 Nos.

Important points to be taken care during submission of offer

1. Delivery terms shall be FOR BHEL Transit Flat, Plot No. 7 – A Inner Ring Road, Ashok Nagar, Chennai – 600083. Items shall be delivered to this address.
2. Invoicing Address shall be DGM/ MM/ Capital Equipment, ICT Building – First Floor, BHEL, Trichy - 14
3. Compliance Form MM/ CE/ TRY/ IND/ 07 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
4. Delivery period required is 2 weeks from the date of Purchase Order.
5. Erection and commissioning activities shall be done by the supplier, at BHEL, Transit Flat Chennai.
6. Time period required for Erection and Commissioning activities shall be 1 week from the date of intimation by BHEL
7. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

BHEL's General guidelines / instructions (refer MM/CE/GENL/001- EMD), compliance form and technical specification can be downloaded from BHEL web site <http://www.bhel.com> or from <https://eprocure.gov.in/epublish/app> under Enquiry reference "2632000005".

Tenders should reach us before 14:00 hours on the due date
Tenders will be opened at 14:30 hours on the due date
Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED


14/2/2020
DGM/ MM/ Capital Equipment

PART - A : PRE - QUALIFICATION CRITERIA

SUPPLY & INSTALLATION OF SPLIT AIR CONDITIONERS		
Sl.No.	Pre - Qualification Criteria	Vendor to specify details
1	Only those Bidders / vendors, who have supplied and installed Window/ Split / Cassette Air conditioners of minimum capacity 1.5 TR of leading brands (like LG / SAMSUNG/ VOLTAS / BLUE STAR / GODREJ / CARRIER / HITACHI) to BHEL (or) any other organisations shall quote.	
2	The Bidder / vendor should submit following details which are necessary for qualifying their offer	
2.1	Name and postal address of the customer / company where Split Air conditioners of minimum 1.5 TR capacity were supplied and installed.	
2.2	Phone (OR) email address of the contact person of the customer	
2.3	The Bidder / vendor should furnish relevant Purchase order reference towards the supply and installation of Window/ Split/ Cassette Air conditioners of minimum capacity 1.5 TR capacity to BHEL (or) any other organisation. The Purchase order should be in the name of the vendor	
2.4	BHEL reserves the right to verify the information provided by Bidder /vendor. In case the information provided by Bidder / vendor is found to be false / incorrect, the offer shall be rejected.	
2.5	The bidder/vendor should have minimum 4 service centers in Chennai	
2.6	The bidder/vendor should be either OEM or his authorised distributor / dealer. Necessary dealership certificate should be submitted along with the offer.	

Sl.No.	BHEL'S SPECIFICATION	VENDOR'S CONFIRMATION	DEVIATION IF ANY
	<u>Specifications for 1.5 Ton High wall mounting type Split Air Conditioner</u>		
	<u>SCOPE OF SUPPLY & WORK:</u>		
1.0	Supply of indoor unit, outdoor unit, required copper piping, refrigerant, stabilizer (4KVA) etc; installation, testing and commissioning of unit.		
1.1	Type of A/C	Split Air conditioner (inverter type) suitable for wall mounting, working on 230 volts, 50 Hz, Single Phase AC power supply. Supplier shall quote minimum 5 star rated AC. Supplied AC's shall have Copper Evaporator & Condenser coils.	
1.2	Mounting	High wall mounting type	
1.3	Capacity	1.5 Ton as indicated in the scope of supply	
1.4	Quantity	1.5 Ton - 23 Nos.	
1.5	Indoor Unit	Compact, light weight, sleek model with panels of durable Plastic material along with cordless remote.	
1.6	Remote control	Wireless with LCD display	
1.7	Outdoor Unit	Condensing unit tube coil material should be copper	
1.8	Refrigerant type	R32	
1.9	Outdoor Unit mounting stand	Design, Supply and fixing of suitable powder coated MS /GI stands for outdoor unit	
1.10	Stabilizer	Supply and fixing of 4 KVA stabilizers suitable for Inverter type AC	
1.11	Warranty	1 year warranty for the whole AC unit and five years for compressor unit from the date of installation.	
1.12	Preferable make of airconditioner:	LG / SAMSUNG/ VOLTAS / BLUE STAR / GODREJ / CARRIER / HITACHI.	
2.0	The supplied split ACs are to be installed as per site requirement (Location: Plot No 7-A, Inner Ring road, Ashok Nagar, Chennai-600083. Landmark: Ashok Pillar or Opposite to Udayam Cinema Hall Transit Flat Landline No:044-24890204) . The vendor will provide drain pipe of sufficient length to drain the condensate water from the Air Conditioner.		
3.0	Making necessary opening in the wall for laying copper piping, drain hose, cable etc, supply and fixing of suitable PVC pipes in the wall and closing rear end of PVC pipes are to be packed suitably to avoid entering of insects and rain water. These works are in the supplier's scope of work.		
4.0	Supply and laying of PVC pipe for condensate water drain line with proper clamping. Drain line shall be not less than 1 inch dia PVC pipe and it has to be connected between split AC indoor unit and to the drainage point at the ground floor as per the site condition.		
5.0	Necessary arrangement for laying of pipes, copper tubes, providing holes, fixing of units are in the scope of vendor		
6.0	Design, Supply and Laying of additional copper tubing, with suitable diameter for suction and liquid line with Nitrile Rubber Foam Insulation are in the scope of vendor		
7.0	Minimum one year Warranty required for each air conditioner including Refrigerant gas charged in the units and five years guarantee required for the compressor.		
7.1	Monthly free checkup and service to be done by the supplier.		
8.0	Annual Maintenance Contract (AMC) – The bidder has to quote separately for comprehensive AMC charges for a period of 4 years after expiry of the original guarantee period of the equipment. However, this quote would be considered in case BHEL places a contract for AMC after the completion of the guarantee period of the supplied equipment.		
9.0	Terms and conditions:		
9.1	Bidders are advised to visit the site and study the work place/ environment before submitting their offer.		
9.2	Bidders shall provide point to point confirmation and details (as required) in the VENDOR'S CONFIRMATION column.		

Sl.No.	BHEL'S SPECIFICATION		VENDOR'S CONFIRMATION	DEVIATION IF ANY
9.4	Supplier should submit their offer for the ac along with catalogue consisting of details like specification, make, model, weight of indoor & outdoor units, power rating, power consumption, ISEER and air flow etc., of AC units. Offers without catalogue and technical details are liable for rejection			
9.5	Necessary opening on the wall may be done for drawing copper tubing and cabling finishing with cement plaster etc.			
9.6	Design, Supply and laying of additional 3x2.5sq mm. copper flexible cable of ISI mark with necessary fixing material are in the scope of vendor			
9.7	BHEL will provide necessary electrical wiring with suitable plug point.			
9.8	All consumables, tool, testing equipment, etc. required for the above works are under the scope of supplier.			
9.9	Supplier should adhere to necessary safety precautions while executing this job.			
10.0	Scope of supply			
10.1	Supply, installation and commissioning of split type air conditioner (inverter type) as specified and capacity 1.5 TR	1.5 TR - 23 Nos		
10.2	Supply & installation of 4KVA Voltage Stabilizer suitable for Inverter type AC	4 KVA - 23 Nos		
10.3	Supply and installation of extra length of refrigerant copper piping (Suction) along with polythene pipe insulation	As per site requirement		
10.4	Supply and installation of extra length of refrigerant copper piping (Discharge) along with polythene pipe insulation	As per site requirement		
10.5	Connecting cable (in between evaporator and condensing unit)	As per site requirement		
10.6	Supply and installation of PVC drain pipe (not less than 1 inch dia).	As per site requirement		
10.7	Supply and installation of Outdoor Unit fixing stand	23 Nos		