



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirapalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY

NOTICE INVITING TENDER

Phone: +91 431 257 7421

Email : vkaruna@bhel.in

: hari.r@bhel.in

Web : www.bhel.com

TWO PART BID

Tender to be submitted in two Parts

Enquiry
Number:

2631900035

Enquiry
Date:

23.09.2019

Due date for submission
of quotation:

21.10.2019

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 should reach physically on or before 14.00 Hrs(IST) on the Date of tender opening. Tenders received after 14.00Hrs (IST) will not be considered for evaluation.

Item	Description	Quantity	Matl. Will be Delivered to
10	Split Air Conditioner 1.5 Ton as per the technical specification & commercial conditions applicable(To be downloaded from web site www.bhel.com/tender/tender_home.php or https://eprocure.gov.in/epublish/app)	30 Nos.	FOR, BHEL, Stores, High Pressure Boiler Plant, Tiruchirappalli - 620014
20	Split Air Conditioner 2.0 Ton as per the technical specification & commercial conditions applicable(To be downloaded from web site www.bhel.com/tender/tender_home.php or https://eprocure.gov.in/epublish/app)	20 Nos.	FOR, BHEL, Stores, High Pressure Boiler Plant, Tiruchirappalli - 620014

Important points to be taken care during submission of offer

- 1) Material shall be delivered to (By Indigenous vendors): As stated above.
- 2) Delivery required 3 Months from the date of purchase order.
- 3) Erection and commissioning activities shall be done by the supplier, at BHEL Trichy works.
- 4) Time period required for Erection and Commissioning activities shall be 4 weeks from the date of intimation by BHEL
- 5) EMD applicable for this Enquiry is INR 60,000/-
- 6) Compliance Forms. TRY/IND/06 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
- 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) including commercial terms check-list can be downloaded from BHEL web site www.bhel.com/tender/tender_home.php or from the Government tender website <https://eprocure.gov.in/epublish/app>) under Enquiry reference **2631900035**

Tenders should be submitted before 14.00Hrs (IST) 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

Engr / Capital Equipment / MM

R. HARI
Engineer

MM / Capital Equipment
BHEL, TRICHY - 620 014

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 1.0 TR 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 1.0 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 1.0 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.	

Sl.No.	<u>BHEL'S SPECIFICATION</u>		<u>VENDOR'S CONFIRMATION</u>	<u>DEVIATION IF ANY</u>
	<u>Specifications for 1.5 & 2.0 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, etc; installation, testing and commissioning of unit.			
1.1	Type of A/C	Split Air conditioner (with Rotary Compressor) suitable for wall mounting, working on 230 volts, 50 Hz, Single Phase AC power supply. Supplier shall quote minimum 3 star & above rated AC. Supplied AC's shall have Copper Evaporator & Condenser coils.		
1.2	Mounting	High wall mounting type		
1.3	Capacity	1.5 Ton & 2 Ton as indicated in the scope of supply		
1.4	Quantity	1.5 Ton - 30 Nos. 2 Ton - 20 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	Warranty	1 year warranty for the whole AC unit and five years for compressor unit from the date installation.		
1.11	Preferable make of airconditioner:	CARRIER / LG / VOLTAS / GODREJ / BLUE STAR / SAMSUNG/ DAIKIN / O'GENERAL / HITACHI.		

Sl.No.	<u>BHEL'S SPECIFICATION</u>	<u>VENDOR'S CONFIRMATION</u>	<u>DEVIATION IF ANY</u>
2.0	The supplied split ACs are to be installed as per site requirement. 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	Minimum one year Warranty required for each air conditioner including Refrigerant gas charged in the units and five years guarantee required for the compressor.		
7.0	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		
8.0	Four quarterly free checkup and service to be done by the supplier.		
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.		
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		

Sl.No.	<u>BHEL'S SPECIFICATION</u>		<u>VENDOR'S CONFIRMATION</u>	<u>DEVIATION IF ANY</u>
10.1	Supply, installation and commissioning of split type air conditioner as specified and capacity 1.5 TR & 2.0 TR	1.5 TR - 30 Nos, 2.0 TR - 20 Nos		
10.2	Supply and installation of extra length of refrigerant copper piping (Suction) along with polythene pipe insulation	As per site requirement		
10.3	Supply and installation of extra length of refrigerant copper piping (Discharge) along with polythene pipe insulation	As per site requirement		
10.4	Connecting cable (in between evaporator and condensing unit)	As per site requirement		
10.5	Supply and installation of PVC drain pipe (not less than 1 inch dia).	As per site requirement		
10.6	Supply and installation of Outdoor Unit fixing stand	50 Nos		
11.0	Supply of following spares for the above ACs			
11.1	Condensing unit fan motor	05 Nos for 1.5 TR & 05 No for 2.0 TR		
11.2	Condensing unit fan blade	05 Nos for 1.5 TR & 05 No for 2.0 TR		
11.3	Indoor unit blower with motor	05 Nos for 1.5 TR & 05 No for 2.0 TR		
11.4	Printed Circuit Board with all sensors	05 Nos for 1.5 TR & 05 Nos for 2.0 TR		
11.5	Oscillation motor	05 Nos for 1.5 TR & 05 No for 2.0 TR		