

Technical specification: Split Air conditioner 1.5 TR**Qty: 5 nos.****Specifications: 1 page**

Sr. No.	Parameter	Tender specification
1.	Cooling Capacity	5.2 kW (1.5 TR)
2.	Star rating	3
3.	Max. Ambient temp.	45° C
4.	Energy efficient ratio (EER)	3.2
5.	Electrical input	230V/50Hz/Single Phase
6.	Noise level	Indoor unit: ≤ 40 dB
7.	Compressor type	Hermitically sealed rotary type
8.	Air flow rate	425 CFM or more
9.	Fan speed	3 Steps
10.	Function modes	Auto/Cool/Fan/Dry – shall have power saving mode, temperature setting option should be available
11.	Body surface finish	Powder coated/high quality paint finish
12.	Air filtering unit	Dust proof and anti-bacteria filter
13.	Length of tubing	5 m or as per the installation requirement
14.	Remote control	Wireless with LCD display
15.	Refrigerant type	R-22 or R-410A or any other refrigerant as per current industry standard
15.	Warranty	1 year warranty for the whole AC unit and five years for compressor unit from the date installation.
16.	Acceptance Criteria	<ol style="list-style-type: none">1. Split AC should conform to IS 1391(part 2)-1992, room AC specification.2. Supplier shall arrange for split AC installation on walls in lab and operation at full capacity at RRCAT, Indore3. Operating and maintenance manual for Split AC unit should be provided.
17.	Bid Evaluation Criteria	Compliance confirmation for each specification/parameter as per compliance sheet should be provided by the bidder
18.	Bidder qualification Criteria	Quotations will be accepted only from original item manufacturers or their authorized representatives in India

Compliance Sheet (1 page)

Sr. No.	Parameter	Tender specification	Offered value
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