

Bharat Sanchar Nigam Limited invites applications from eligible manufacturers having their own manufacturing and testing facility for empanelment as supplier of metallic body Split Air Conditioners having high sensible heat factor for use at various telephone exchanges/BTS installations on Pan India basis. The detailed specifications are attached for ready reference.

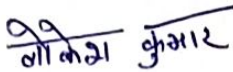
The manufacturers who want to be empaneled for the same, may submit their application along with test results, bill of material and GA drawing by e mail or by post at the following address latest by 10.03.2022 :-

O/o CGM(EW)  
BSNL Corporate Office  
Room no. 8, IR Hall, Eastern Court  
Janpath, New Delhi 110001  
Ph. 011-23736527  
E -mail: - pgmelect@gmail.com

If the results submitted are found within acceptable limits, the manufacturer will be required to deposit a testing fee as per extant departmental guidelines and the product shall be tested by a departmental committee as per the specifications for approval of the same.

The components and design offered for testing shall not be changed without prior approval from approving authority.

For any clarifications, the undersigned may be contacted:-



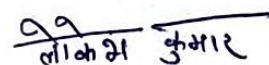
Lokesh Kumar  
DGM(EW) I  
9013000405

## SPECIFICATIONS FOR METALLIC BODY SPLIT AIR-CONDITIONERS

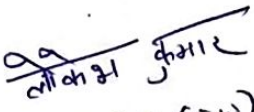
BSNL invites applications from air-conditioner manufacturers for empanelment for supply of metallic body split AC units having metallic box enclosed control panel and fire retardant low smoke wiring/paint with following specifications:

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Description	Unit/details	Specifications requirement of BSNL
Capacity	BTU/Kcal/hr	18000/4500
	Sensible Heat Ratio	>0.9
EER (minimum)	(BTU/Watt)	Min 11
Inside conditions		25 Deg DB and 50% RH
Voltage	Volts	230 V $\pm$ 10 % AC
Frequency	Hz	50
Compressor	Type	Rotary
	Make	GMCC/Tecumseh/Highly/Carrier
Refrigerant	Type	R 32/ R 407C/R 410A
<b>Indoor Unit Details</b>		
Material	Type	Metallic body (MS Powder Coated /Aluminum)
Sheet Thickness	Gauge	Minimum 20 SWG
Indoor Coil	Coil Material	Copper
Pipe ID/OD	mm	6.35/7
Fin Material		Aluminum with hydrophilic coating
Fins per inch		Minimum 16
IDU Fan Specification	Type	DIDW Blower forward curved
Power rating	Phase/Voltage/Frequency / Wattage	1/230/50/110
Filter		Not less than 20 microns
Make		PICL/Crompton/ABB/Havells
RPM		Not less than 1400
Air flow	CMH	>1000

  
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Drive type		Direct driven
Mounting		Wall
Drain Connection	Size Inch	3/4" (19 mm)
Indoor Unit Weight	Kg	Not more than 30 kG
<b>Outdoor Unit Details</b>		
Material	Type	Metallic body (MS Powder Coated /Aluminum)
Sheet Thickness	Gauge	Minimum 20 SWG
Coil Material		Copper
Pipe ID/OD		6.35/7 mm
Fin Material		Aluminum with hydrophilic coating
Fins per inch		Minimum 16
ODU fan specification	Type	Propeller
Power rating	Phase/Voltage/Frequency / Wattage	1/230/50/54
RPM		Not less than 900
Mounting		Floor/ground
Design conditions (Ambient)	(As per IS 8148 (35 Deg DB & 24 Deg WB)	18000 BTU/hr
	Cooling capacity at 43 Deg C Ambient	Deration in cooling capacity should not be more than 20%
Remote of the unit		Wired (outside the indoor unit)

  
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