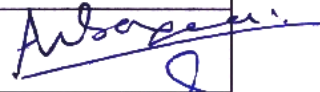
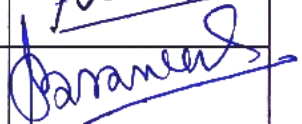




PURCHASE SPECIFICATION
OF
WALL MOUNTED PANEL AIR CONDITIONER
(350-500 Watt)
FOR
COMPOSITE MONITORING SYSTEM-OUTDOOR



SPECIFICATION NO. : PS407/RPD/002
REVISION NO. : REV 00
DATE OF REVISION : 22.05.2020

	Name:	Designation	Signature:
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1. SCOPE :

This specification applies to the requirement of Wall mounted Panel Air conditioner for outdoor application.

2. CONTEXT:

This document specifies a Wall mounted panel Air conditioner of minimum 350 Watts & maximum 500 Watts. The AC shall be used in cubicle of Composite monitoring system of Power transformers. The specifications are as follows.

ITEM	SPECIFICATIONS
Mounting	Wall mounting
Cooling capacity (at 35°C ambient , RH>98%,dusty environment)	Minimum 350 W and maximum 500 W
Refrigerant	R134a or any other acceptable refrigerant meeting latest environmental norm as per Government of India guidelines. Supplier to submit details of such refrigerant.
Structure	GI Sheets, Powder Coated OR MS CRCA Sheet Steel ;PU painted
Electrical Specifications Power Supply Rated Current	230V +/- 10%, 50 Hz, 1 Phase 3 Amps maximum
Ambient operating range	(Less than or equal to +20°C) to (greater than or equal to +48°C)
Compressor	Hermetically sealed, Reciprocating
Condenser	Copper tube with Aluminum fins
Fan motor	Backward curve
Temperature controller	Digital type with Display
Duty Cycle	100% continuous
Suitability	For outdoor application
safety	Safety trip arrangement with reset facility
IP protection	To meet outdoor application
Maximum allowed dimension (H x W x D) in mm	800x350x350 (mm)
weight	40kg maximum

The Panel cut out and overall outside dimensions of the AC to be provided at the time of submission of offer. The dimensions should not exceed the maximum allowed dimension in the above table.

Warranty on compressor must be for 5 years from date of supply of AC