

SPECIFICATIONS FOR PCB FABRICATION

1.0 General :

This specification refers to the CAD design and fabrication of 6U size, 19" rack mountable PCBs as per below specifications.

2.0 PCB board specifications-

Sl.no	Description	Value
1	Size of PCBs	23.34 X 16 cms
2	PCB Thickness	1.6 mm
3	Copper Thickness	35 Microns
4	Material Type	FR4
5	Copper finish for Outer layer, Inner signal and plane layers	35 MIC
6	Board finish-	GOLD 0.5 MIC
7	Legend print	2 SIDE

3.0 PCB Description-

Sl.no	Description	Quantity(Nos)
1	4 Layer PCB CAD Design for ANALOG IO Card, Size: 23.34 X 16 cms	01
2	Photo Plot films for ANALOG IO Card	08
3	4 Layer PCB fabrication for above Card	03
4	4 Layer Setup	01
5	4 Layer PCB CAD Design for INTERFACE Card, Size: 23.34 X 16 cms,	01
6	Photo Plot films for INTERFACE Card	08
7	4 Layer PCB fabrication for above Card	03
8	4 Layer Setup	01
9	2 Layer PCB CAD Design for SENSOR Card, Size: 23.34 X 16 cms	01
10	2 Layer PCB fabrication for SENSOR Card	03
11	2 Layer Setup	01

4.0 REMARKS

- 1) Schematic with BOM and components for mounting for above cards will be provided by BHEL.
- 2) Scope of supply includes CAD design, photo plot films, PCB fabrication, and mounting of components on cards.

