



BILL OF MATERIAL				
ITEM NO.	SECTION DESCRIPTION	QTY	QTY	QTY
6PT-1	ISA-65X65X6-3490 mm	2	5.80	40.50
6PT-1X	ISA-65X65X6-3490 mm	2	5.80	40.50
6PT-2	ISA-100X100X8-490 mm	2	12.10	11.85
6PT-3	ISA-100X100X8-280 mm	2	12.10	6.77
6PT-4	ISA-45X45X5-260 mm	24	3.40	21.21
6PT-5	ISA-45X45X5-280 mm	4	3.40	3.80
6PT-6	ISA-50X50X6-390 mm	4	4.50	7.02
6PT-7	ISA-50X50X6-550 mm	2	4.50	4.95
TOTAL WEIGHT IN KGS.				137.0

LIST OF BOLTS & NUTS			
DESCRIPTION OF BOLT	QTY	Unit Wt.	Wt.
M16 BOLTX35 mm LG	57	0.124	7.068
M16 BOLTX40 mm LG	21	0.132	2.775
3.5Thk.SP.WASHER FOR 16ø BOLT	78	0.009	0.702
		10.545.	

- NOTES:
- ALL DIMENSIONS ARE IN MM.
  - ALL HOLES ARE 17.5MM DIA. FOR 16MM DIA. BOLTS.
  - ALL STEEL SECTIONS SHALL CONFIRM TO IS: 2062.
  - ALL STEEL SECTIONS, BOLTS, NUTS & PACK WASHERS ARE TO BE HOT DIP GALVANIZED.
  - ALL BOLTS SHALL CONFORM TO IS:12427(2001), WITH MECHANICAL PROPERTIES CLASS 5.6 AND NUTS SHALL CONFORM TO IS: 1367(PART-VI) OF PROPERTIES CLASS-5.
  - DIMENSIONAL AND WEIGHT TOLERANCE  $\pm 10\%$ .
  - THE HEIGHT OF STRUCTURE SHALL BE ADJUSTED TO MATCH WITH LIVE POINT HEIGHT (LPH) AS PER APPROVED SECTIONAL DRAWING.
  - THE EQUIPMENT MOUNTING DETAILS SHALL BE MATCHED WITH APPROVED EQUIPMENT DRAWINGS.

Approval Ltr No.: CEE/P&C/SET/EE(TL)/AEE-9/2021-22/10039-49 Dtd:05.10.2021

		KPTCL/P&C/TECH/66KV/PT					EQUIPMENT MOUNTING STRUCTURE FOR 66KV PT (FOR 66/11KV SUBSTATIONS ONLY)
			AEE	EE	SEE	CEE	
REVNo	REVISION DETAILS	DRAWING NO.	DRAWN/CHECKED	SUBMITTED	RECEIVED	APPROVED	