



BILL OF MATERIAL				
ITEM NO.	SECTION DESCRIPTION	QTY	QTY	QTY
1PT-1	ISA-65X65X6-3490 mm	2	5.80	40.50
1PT-1X	ISA-65X65X6-3490 mm	2	5.80	40.50
1PT-2	ISA-100X100X8-490 mm	2	12.10	11.85
1PT-3	ISA-100X100X8-280 mm	2	12.10	6.77
1PT-4	ISA-45X45X5-260 mm	24	3.40	21.21
1PT-5	ISA-45X45X5-280 mm	4	3.40	3.80
1PT-6	ISA-50X50X6-390 mm	4	4.50	7.02
1PT-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.	Weight
M16 BOLT X35 mm LG	57	0.124	7.068
M16 BOLT X40 mm LG	21	0.132	2.772
3.5Thk.SP.WASHER FOR 16Ø BOLT	78	0.009	0.702
TOTAL WEIGHT		10.55	

- NOTES:
- ALL DIMENSIONS ARE IN MM.
 - ALL HOLES ARE 17.5MM DIA. FOR 16MM DIA. BOLTS.
 - ALL STEEL SECTIONS SHALL CONFORM 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/110KV/PT			AEE		EE	SEE	CEE	EQUIPMENT MOUNTING STRUCTURE FOR 110KV PT (FOR 110/11KV SUBSTATIONS ONLY)	
REVISION DETAILS			DRAWING NO.		DRAWN/CHECKED	SUBMITTED	RECEIVED	APPROVED	
REVNo	1	2	3	4	5	6	7	8	