



GREEN SECURE ENERGY SYSTEMS,.

NOTE: 1. DRAWING APPROVAL SUBJECT TO VALID TYPE TEST REPORTS, TO BE CHECKED DURING ACCEPTANCE TESTS
2. FOR EPC CONTRACTS ONLY

PT JUNCTION BOX FOR 33kV PTMB

Customer	: M/s. APTRANSCO	Drawing approval subject to valid vendor registration	
Project Name	: AS APPLICABLE		
CONTACTOR	: AS APPLICABLE		
Manufacturer	: M/s. Green Secure Energy Systems	<p align="center">Chief Engineer/Projects APTRANSCO/VS/Vijayawada.</p>	
P.O. No.	: AS APPLICABLE		
Job No.	: AS APPLICABLE		
Drawing No.	: GSS-PTMB-STD		
Quantity	: AS APPLICABLE		
Drawn By RAMESH C	Checked By Bhaskar	Approved By Jothiswar	Total no. of pages 04

ALL INFORMATIONS CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL AND COPYRIGHT THEREOF IS RESERVED BY GREEN SECURE ENERGY SYSTEMS,.
THEY SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH THEY ARE SUPPLIED AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION.

GREEN SECURE ENERGY SYSTEMS,.		DRN	RC	SCALE	NA
		CHD	BB	DATE	06.10.2022
TITLE	PAGE TYPE	PT JUNCTION BOX FOR 33kV		SHEET NO.	
		COVER SHEET		01	OF 04
		DRAWING No. GSS-CVTMB-STD		REV.	R0

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.


ALL INFORMATIONS CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL AND COPYRIGHT THEREOF IS RESERVED BY GREEN SECURE ENERGY SYSTEMS,. THEY SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH THEY ARE SUPPLIED AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION.

SH.NO.	DESCRIPTION	SHEET NO.	REV. No.
01	COVER SHEET	01 OF 04	R0
02	TABLE OF CONTENT	02 OF 04	R0
03	GENERAL ARRANGEMENT	03 OF 04	R0
04	GENERAL NOTES	04 OF 04	R0

NOTE: 1. DRAWING APPROVAL SUBJECT TO VALID TYPE TEST REPORTS, TO BE CHECKED DURING ACCEPTANCE TESTS
 2. FOR EPC CONTRACTS ONLY

Drawing approval subject to valid vendor registration

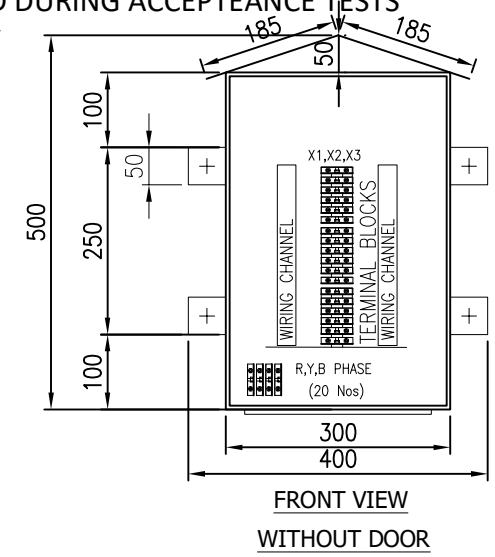
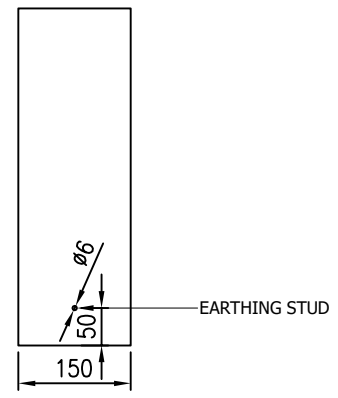
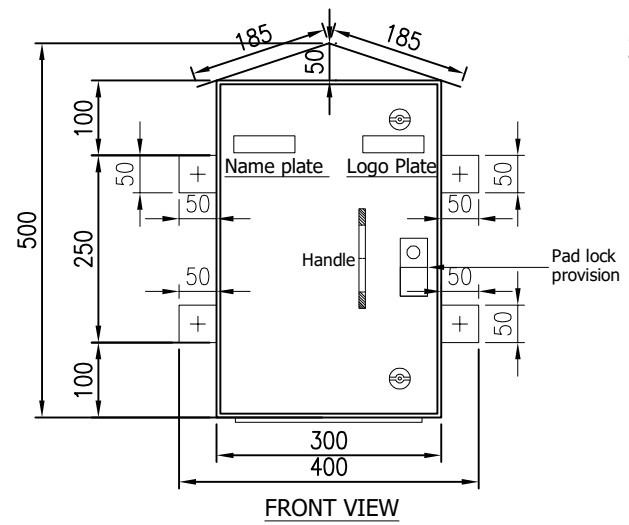
**Chief Engineer/Projects
 APTRANSCO/VS/Vijayawada.**

				 GREEN SECURE ENERGY SYSTEMS,.		DRN	RC	SCALE	NA	
						CHD	BB	DATE	06.10.2022	
				TITLE	PT JUNCTION BOX FOR 33KV		APPD	JR	SHEET NO.	
					PAGE TYPE	TABLE OF CONTENT		DRAWING No.		02
						GSS-CVTMB-STD		REV.	R0	

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ALL INFORMATION CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL AND COPYRIGHT THEREOF IS RESERVED BY GREEN SECURE ENERGY SYSTEMS, THEY SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH THEY ARE SUPPLIED AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION.

NOTE: 1. DRAWING APPROVAL SUBJECT TO VALID TYPE TEST REPORTS, TO BE CHECKED DURING ACCEPTANCE TESTS
2. FOR EPC CONTRACTS ONLY



**Chief Engineer/Projects
APTRANSCO/VS/Vijayawada.**

SI. No.	SPECIFICATION
1	THE PT MARSHALLING BOX IS MADE UP OF 2MM CRCA SHEET
2	THE SIZE OF THE BOX IS 500 x 300 x 150mm, WITH HINGED TYPE DOOR, VERMIN PROOF AND WEATHER PROOF.
3	20 NO'S DISCONNECTING AND TESTING TYPE TERMINAL OF JAINSON / ELMEX(CARD M4)
4	3 NO'S HRC FUSES OF 6A RATING AND 1NO, NUTRAUL LINK ARE PROVIDED.
5	RUBBER BEADING PROVIDED AROUND THE DOOR AND 6NO'S CABLE GLANDS PROVIDED.
6	2 NO'S EARTHING STUDS OF 6MM DIA WITH FLAT AND SPRING WASHERS, THE DOORS OF THE BOX WAS PROVIDED WITH PANEL TYPE LOCK.
7	THE TOP PORTING OF THE BOX WAS SLANTING SO THAT THE RAIN WATER WILL FAIL AWAY EASILY.
8	NECESSARY BRACKETS ON THE BACK SIDE OF THE BOX, PROVIDED FOR MOUNTING ON THE STRUTURES.
9	END PLATE WITH STAPER SHALL BE PROVIDED AT THE BOTH END STOP THE TB COLLUM

Drawing approval subject to valid vendor registration

				GREEN SECURE ENERGY SYSTEMS,.		DRN	RC	SCALE	NA
						CHD	BB	DATE	06.10.2022
				TITLE PT JUNCTION BOX FOR 33KV GENERAL ARRANGEMENT		APPD	JR	SHEET NO.	
								03 OF 04	
						DRAWING No.			
						GSS-CVTMB-STD		REV.	R0

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.


ALL INFORMATION CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL AND COPYRIGHT THEREOF IS RESERVED BY GREEN SECURE ENERGY SYSTEMS, THEY SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH THEY ARE SUPPLIED AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION.

THIS SPECIFICATION COVERS A PART OF ELECTRICAL EQUIPMENT INCLUDING DESIGN MANUFACTURING, TEST AT SHOP AND LOADING FOR SHIPMENT ETC SPECIFIED HERE IN AFTER.		
CLASSIFICATION	PROJECT	<input checked="" type="checkbox"/> DOMESTIC
APPLICABLE STANDARDS	IS	<input checked="" type="checkbox"/> IS:3427
NORMAL SERVICE CONDITION	ALTITUDE	<input checked="" type="checkbox"/> : < 1000M
	AMBIENT TEMPERATURE	<input checked="" type="checkbox"/> : 50°C
	RELATIVE HUMIDITY	<input checked="" type="checkbox"/> : 90%
STRUCTURE	MATERIAL	<input checked="" type="checkbox"/> CRCA
	TYPE OF APPLICATION	<input checked="" type="checkbox"/> INDOOR
	THICKNESS	<input checked="" type="checkbox"/> 2MM
	GLAND PLATE	<input checked="" type="checkbox"/> CRCA
	THICKNESS	<input checked="" type="checkbox"/> 3MM
	TYPE OF MOUNTING	<input checked="" type="checkbox"/> WALL MOUNTING
	DEGREE OF PROTECTION	<input checked="" type="checkbox"/> IP : 55
	ACCESSIBILITY	<input checked="" type="checkbox"/> FRONT
	PAINT SHADE	<input checked="" type="checkbox"/> 631 OF IS-5 POWDER COATING
	PAINT THICKNESS	<input checked="" type="checkbox"/> 60-80 MICRONS
ENCLOSURE DIMENSION	<input checked="" type="checkbox"/> 500(H) x 300(W) x 150(D)	
WEIGHT OF ENCLOSURE	<input checked="" type="checkbox"/> APPROX. 25 KG'S.	
CABLE ENTRY DETAILS:	INCOMING CABLE ENTRY	<input checked="" type="checkbox"/> BOTTOM
	OUTGOING CABLE EXIT	<input checked="" type="checkbox"/> BOTTOM
EARTHING	ENCLOSURE EARTHING	: SUITABLE EARTHING BOLTS WILL BE PROVIDED. 2 NOS WITH PLAIN AND SPRING WASHERS.
	DOOR EARTHING	: 2.5 SQ.MM GREEN STRIPPED YELLOW COLOUR CABLE
NAME PLATE DETAILS	COLOUR OF BACKGROUND	<input checked="" type="checkbox"/> BLACK
	COLOUR OF LETTERS	<input checked="" type="checkbox"/> WHITE
	MATERIAL	<input checked="" type="checkbox"/> ANNOIDISED ALUMINIUM
INPECTION & TEST		<input checked="" type="checkbox"/> VISUAL INPECTION
		<input checked="" type="checkbox"/> DIMENSION VERIFICATION
		<input checked="" type="checkbox"/> BOM VERIFICATION
LANGUAGES		<input checked="" type="checkbox"/> ENGLISH
PACKING		<input checked="" type="checkbox"/> BLUE SHEET AND BUBBLE SHEET PACKING SUITABLE FOR ROAD TRANSPORT
NOTES: FOR ENCLOSURE THICKNESS 1. FOR LOADING MEMBER- 2 MM 2. FOR NON-LOADING MEMBER- 2 MM 3. PROTECTION FOR PANEL - IP : 55		

NOTE: 1. DRAWING APPROVAL SUBJECT TO VALID TYPE TEST REPORTS, TO BE CHECKED DURING ACCEPTANCE TESTS
2. FOR EPC CONTRACTS ONLY

**Chief Engineer/Projects
APTRANSCO/VS/Vijayawada.**

Drawing approval subject to valid vendor registration

					 GREEN SECURE ENERGY SYSTEMS,.		DRN	RC	SCALE	NA	
							CHD	BB	DATE	06.10.2022	
					TITLE	PT JUNCTION BOX FOR 33kV		APPD	JR	SHEET NO.	
						PAGE TYPE	GENERAL NOTES		DRAWING No.		04
							GSS-CVTMB-STD		REV.	R0	

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.