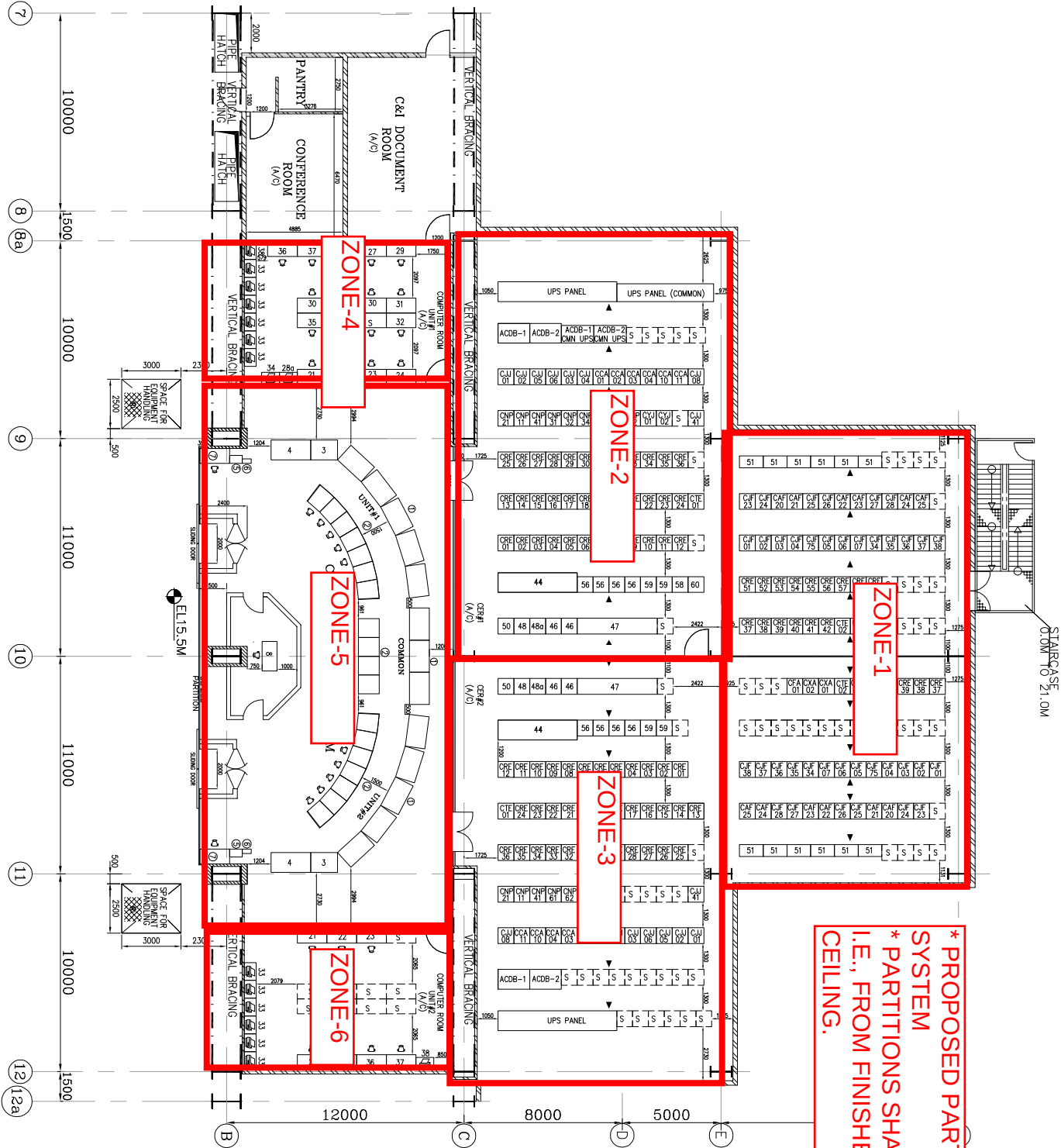


CENTRAL CONTROL ROOM (COMMON FOR UNIT#1&2)

S.No.	DESCRIPTION	QTY./UNIT	CAN FOR U#1&2	DIMENSION (mm)	SCOPE	REMARKS
1.	LARGE VIDEO SCREEN (67")	05	03	1625x1000x2419	BHEL-EDN	
2.	CONTROL DESK	07	--	REFER EDN DRG NO. 3659440315	BHEL-EDN	
3.	UNIT CONTROL PANEL	--	04	1352x1000x2355	BHEL-EDN	
4.	ELECTRICAL CONTROL PANEL	01	--	2000x1000x2355	BHEL-EDN	
5.	INERT GAS PANEL	01	--	650x400x1500	BHEL-PESD	
6.	MAIN FIRE ALARM PANEL	01	--	445x225x600	BHEL-PESD	
7.	MAIN FIRE ALARM PC & PRINTER	01	--	1500x750x735	BHEL-PESD	
		--	01	1500x750x735	BHEL-PEM	

* PROPOSED PARTITIONS FOR INERT GAS SYSTEM
* PARTITIONS SHALL BE PERFECT PARTITIONS I.E., FROM FINISHED FLOOR LEVEL TO TRUE CEILING.



CONTROL EQUIPMENT ROOM (UNIT WISE)

S.No.	DESCRIPTION	QTY./UNIT	CAN FOR U#1&2	DIMENSION (mm)	SCOPE	REMARKS
41.	SG C&I PANELS (CJF01-07, CJF23-CJF28, CJF34-38, CJF75, CAF20-25)	25	08	800x800x2415	BHEL-EDN	
42.	BOP C&I PANELS (CRE01-42, CXA01, CXA02, CFA01, CTE01-02)	47	(CRE51,52,54-59)	800x800x2415	BHEL-EDN	CAN PUL IN UNIT#1 CRE-53 FOR U#1 ONLY
43.	TG C&I PANELS (CAJ01-06, CCA01-04, CCA02-11, CAJ08, CAJ44)	14	--	800x800x2415	BHEL-EDN	
44.	GRP	01	--	4000x1000x2295	BHEL-BPL	
45.	--	--	--	--	--	
46.	BUS TRANSFER PANEL	02	--	800x800x355	BHEL-BPL	
47.	AVR	01	--	4053x800x2355	BHEL-EDN	
48.	DATA CONCENTRATOR-LV	01	--	800x800x2315	BHEL-BPL	
48a.	DATA CONCENTRATOR-HV	01	--	800x800x2315	BHEL-BPL	
49.	T&AVT PANEL (CFA01)	01	--	800x800x2415	BHEL-EDN	
50.	PA SYSTEM	01	--	800x800x1200	BHEL-PEM	
51.	GRAVIMETRIC FEEDER PANEL	06	--	1200x600x2415	BHEL-TRY	
52.	ELE. INTERFACE SYS (EIS-CY001)	01	--	800x800x2415	BHEL-EDN	
52.	ELE. INTERFACE SYS (EIS-CY002)	01	--	800x800x2415	BHEL-EDN	
53.	NETWORK PANELS	05	04	1600x1000x2415	BHEL-EDN	PLACED IN UNIT#1
54.	ACOB-1	01	--	1600x1000x2415	BHEL-EDN	
55.	ACOB-2	01	--	1600x1000x2415	BHEL-EDN	
56.	WMS	04	--	800x800x2415	BHEL-EDN	
57.	UPS PANEL	01	--	6000x1000x2415	BHEL-EDN	
58.	GPS/MASTER CLOCK	01/(COMMON FOR ALL 4 UNITS)	--	800x800x2415	BHEL-EDN	
59.	HART MANAGEMENT SYSTEM	02	--	800x800x2415	BHEL-EDN	
60.	SAS PANEL	01	--	800x800x2415	BHEL-1BG	PLACED IN UNIT#1
61.	COMMON UPS PANEL	--	01	4900x900x2230	BHEL-EDN	PLACED IN UNIT#1
62.	ACOB-1 FOR COMMON UPS PANEL	01	01	1640x895x2110	BHEL-EDN	PLACED IN UNIT#1
63.	ACOB-2 FOR COMMON UPS PANEL	--	01	1640x895x2110	BHEL-EDN	PLACED IN UNIT#1
S	SPARE SPACE					

REFERENCE DRAWING:

1. TG HALL EQUIPMENT LAYOUT PLAN AT OPERATING (15.5M) FLOOR DRG. NO. PE-DG-411-100-M005
2. OPERATOR DESK & FURNITURE-OGA DRG. NO. 36594401523
3. HMI BILL OF MATERIAL DRG. NO. EN-DG-1170-4002
4. OGA-FOR DCS PULS OF SG, TG, BOP C&I PKG AND HMI SYS DRG. NO. 36590001149
5. HMI CONFIGURATION DRAWING DRG. NO. 36594403291
6. STATION LAN / MIS SYSTEM WRITEUP DRG. NO. EN-DG-1170-4012
7. PADO PROPOSED CONFIGURATION DRG. NO.

CUSTOMER		CUSTOMER		TELANGANA STATE POWER GENERATION CO. LTD.	
CUSTOMER'S CONSULTANT		CONSULTANT		DESEIN PRIVATE LIMITED	
JOB No. 411		PROJECT		BHADRADRI TPS, UNITS #1 TO 4 (4X270 MW), MANICURU, KHAMMAM DISTRICT.	
STATUS CONTRACT		PROJECT		BHARAT HEAVY ELECTRICALS LTD	
DISTRIBUTION		PROJECT		POWER SECTOR PROJECT ENGINEERING MANAGEMENT NODDA	
REV		DATE		TITLE	
1.		REVISED IN LINE WITH LATEST INPUT		CCR/CEP/COMPUTER/UPS ROOM LAYOUT	
2.		REVISED IN LINE WITH MOW DTD 30 OCT 2015 & 20 NOV 2015		MPL	
3.		REVISED IN LINE WITH EDN INPUT DTD 19/12/15, 24/12/15, 28/12/15 AND 29/12/15		MSE	
				MAX	
				E	
				DEPT.	
				SCALE	
				1:1	
				SIGN	
				DATE	
				SHEET	
				1 OF 2	
				REV	
				01	

- NOTES:-
1. ALL PANEL DIMENSIONS ARE IN mm AND TENTATIVE
 2. - BRICK WALL WITH CLADDING
 3. - AL. FRAMED PARTIAL GLAZED
 4. - FRONT
 5. WALLS/PARTITIONS SHALL BE BUILT AFTER THE ERECTION OF THE PANELS.
 6. FALSE CEILING HEIGHT SHALL BE 3.5 MTR.
 7. SPARE SPACE