










FROM ELDB

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ADDITIONAL INFORMATION					PROJECT		2X60MW VYASI HYDRO ELECTRIC PROJECT						
STATUS OF DRAWING					CUSTOMER		UJVNL LTD.						
DISTRIBUTION OF PRINTS													
DRN	NAME	SIGN	DATE	NO. OF VAR	CONTRACTOR		BHARAT HEAVY ELECTRICALS LTD. TRANSMISSION BUSINESS GROUP						
PK													
CKD	VPM/LK												
APPD	DKM/RS												
SUB-SUPPLIER/VENDOR					ISSUED BY DEPT. TBEM	UNTOOL.DIMS. GR.	ANGLE 	SCALE NTS	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEM	
					DEPT. CODE 316								
					TITLE					DRAWING NO. TB-3-398-316-010		REV. 00	
					SINGLE LINE DIAGRAM OF 220kV POTHEAD YARD AND GIS								
										SHT. No. 01	NO. OF SHT. 01		

3. NO TWO AC SOURCE SHALL BE PARALLELED AT ANY STAGE.
2. FOR COMPLETE DESCRIPTION OF EACH TYPE OF MODULE, PLEASE REFER TECHNICAL SPECIFICATION.
3. CABLE SIZES SHOWN ARE AS PER THE TECHNICAL SPECIFICATION.
4. ALL THE FEEDERS SHOWN IN THE SLD INCLUDING FUTURE/ SPARE (SHOWN DOTTED) ARE INCLUDED IN SCOPE OF SUPPLY.
5. TRANSDUCERS/AUX. CONTACTS REQUIRED FOR ANALOGUE AND DIGITAL INPUT SHALL BE AN INTEGRAL PART OF LT AC/DC BOARDS.
6. ONE DC 'X' TYPE MODULE IN EACH 220V DCDB SHALL BE PROVIDED FOR EACH LINE, BC & TRANSFORMER BAY FOR PRESENT & FUTURE BAYS AS SHOWN IN SUBSTATION SLD.
7. ONE DC 'X' TYPE MODULE IN EACH 48V DCDB SHALL BE PROVIDED FOR EACH LINE BAY FOR PRESENT & FUTURE BAYS AS SHOWN IN SUBSTATION SLD.
8. MODULE 'X' REFERRED ABOVE, IS APPLICABLE WITH DP MCCB, MAXIMUM 2Nos. OF DP MCCB SHALL BE CONNECTED IN ONE MODULE OF OFFERED PANEL.
9. ALL DIGITAL / ANALOG INPUTS/OUTPUTS REQUIRED FOR SAS SHALL BE CONSIDERED.
10. GLAND PLATE SHALL BE OF NON MAGNETIC WHEREAS SINGLE CORE POWER CABLE ARE USED.
11. UNLESS SPECIFIED, SOURCE 1 WILL BE FED FROM BUS 1 AND SOURCE 2 FROM BUS 2.
12. RATING OF BUSBAR/FEEDER INDICATED IN THIS DRAWING ARE MIN. REQUIREMENT AND MAY BE INCREASED DURING DETAILED ENGINEERING IF FOUND INADEQUATE WITH RESPECT TO OFFERED LOADS/SYSTEM.
13. a) MLP-MAIN LIGHTING PANEL
b) OLP-OUTDOOR LIGHTING PANEL
c) ELP-EMERGENCY LIGHTING PANEL

	NON DRAW OUT TYPE 2-POLE MCCB		NON DRAW OUT AIR BREAK SWITCH
	NON DRAW OUT TYPE 4-POLE MCCB		CONTROL FUSE
	NON DRAW-OUT 2-POLE MCB		BATTERY LINKS/FUSES
			TIMER

[illegible]

ZONE		ZONE		ZONE		ZONE		ZONE	
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