



BILL OF QUANTITIES-220KV:

NOTES:-

1. PLEASE MAINTAIN SPACING & SYMMETRY OF THE EXISTING MAIN BUS 1 & 2 FOR ITS EXTENSION UNDER PRESENT SCOPE.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
3. SUPPLY, ETC AND CIVIL WORKS OF 220KV TOWER IN MPPTCL PREMISES IS NOT IN BHEL SCOPE.
4. SITE LEVELING IS NOT IN PRESENT SCOPE.
5. BUS WORK OF MAIN AND TRANSFER BUS IS NOT IN BHEL SCOPE.
6. AS PER POWERGRID SITE INPUTS, CABLE TRENCH OF SECTION 3-3 IS TO BE CONSTRUCTED BETWEEN 220KV SWITCHYARD AND NEAREST TERMINAL POINT OF 400KV CABLE TRENCH. RUNNING LENGTH OF THE SAME IS APPROX. 350 METER. ROUTE OF THE SAME MAY BE DECIDED JOINTLY BY PGCIL / BHEL SITE AS PER SITE CONDITION, PARALLEL TO EXISTING INTERCONNECTING CABLE TRENCH.
7. AS PER POWERGRID SITE INPUTS, ADDITIONAL 320 METER OF 3.75METER ROAD IS TO BE CONSTRUCTED IN INTERMEDIATE STORE OF 220KV YARD & 400KV YARD. PRIMARY LAYERS OF WBM ALREADY AVAILABLE. ROAD TO BE CONSTRUCTED WITH ONE FINISHING LAYER OF WBM AND ONWARD PCC & RCC ETC. ROUTE AS PER EXISTING WBM LAYER, TO BE DECIDED BY SITE.
8. AS PER POWERGRID SITE INPUTS, ONE NUMBER SWITCHYARD GATE IS TO BE PROVIDED AT EXISTING FENCE OF 220KV SWITCHYARD FOR DIRECT ENTRY FROM 400KV SIDE.




CONDUCTOR & STRINGING DETAILS -220kV:

LEGENDS:-

———— PRESENT SCOPE  
- - - - - EXISTING / FUTURE

ADDITIONAL INFORMATION W.O.No. 119TB00001	ब्राह्मण/परियोजना का नाम NAME OF CUSTOMER/PROJECT	POWER GRID CORPORATION OF INDIA LIMITED
	Substation Package-SS19 for extension of (i) 765kV Solapur S/S; (ii) 765kV Aurangabad S/S; (iii) 765kV Wardha S/S; (iv) 400kV Khandwa S/S; (v) 400kV Rajgarh S/S; (vi) 400kV Champa S/S; (vii) 400/220kV Itarsi S/S & (viii) 400/220kV Jabalpur Substation under WRSS-20.	

विभागा	TBEM
DEPT.	
कोड	422
0005	

	अनुपात / SCALE NTS	कार्ड कोड CARD CODE			
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शीर्षक/TITLE	PLAN LAYOUT FOR EXTN. OF SOUTH LANE AND	ड्राइंग.नं./DRAWING NO.	पुनः/REV
		TB-408-316-J12	00

OF 220KV JABALPUR S/S		पृष्ठ क्र./SHEET No. 01		अगला पृष्ठ/NEXT SHEET -	
14		15		16	

REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED
		APPROVED			APPROVED			APPROVED			APPROVED
ZONE			ZONE			ZONE			ZONE		

### DETAILS OF TOWERS/BEAMS : 220kV

S.NO.	STR. DESIGNATION	STR. HT/SPAN	QTY. AS PER NOA	QTY. AS PER PRESENT SCOPE	REMARKS
1	CTA	16.2M+4.5M (PEAK)	00	02	
2	CTH	11.7M	02	00	
3	CTJ	11.7M+4.5M	02	00	
4	CTK	11.7M+4.5M	01	00	
5	CC	11.7M	01	00	
6	BG1	16M	06	01	
7	AAGT	18.3M+6.1M+4.9M(PEAK)	00	00	
8	AGT	18.3M+4.9M(PEAK)	00	00	
9	AGB	15 M	00	05	