

ANNEXURE-D
LIST OF SPARES

B	MANDATORY SPARES TO BE HANDLED & STORED	UNIT	QUANTITY	REMARKS
			Pithoragarh	
1	2	3	4	5
S. NO.				
I	245 kV , SF6 Circuit Breaker	LOT	1	*
II	245 kV HDB Isolators	LOT	1	
III	245 kV Pentograph Isolators	LOT	1	
IV	245 kV Current Transformers	LOT	1	*
V	245 kV Capacitor Voltage Transformers	LOT	1	*
VI	216 kV Surge Arresters	LOT	1	
VII	145 kV , SF6 Circuit Breaker	LOT	1	
VIII	145 kV HCB Isolators	LOT	1	
IX	145 kV Current Transformers	LOT	1	*
X	145 kV Capacitor Voltage Transformers	LOT	1	*
XI	120 kV Surge Arresters	LOT	1	
XII	11kV Isolator	LOT	1	
XIII	Control & Relay Panel	LOT	1	
XIV	PLCC Equipments	LOT	1	*
XV	LT Switchgear	LOT	1	
XVI	Batteries (220V)	LOT	1	
XVII	Batteries (50V)	LOT	1	
XVIII	Battery Charger (220V)	LOT	1	*
XIX	Battery Charger (50V)	LOT	1	*
XX	DG Set	LOT	1	
XXI	Erection Hardware Items			
	5% spares of the actual quantities for Insulator , hardwares, clamps & connectors, spacers, corona bell, Al. tube,welding sleeves etc.	LOT	1	
XXII	Spares for illumination system			
	5% of each type of lighting fixture supplied	LOT	1	
XXIII	LT Transformer	LOT	1	*
XXIV	Spares for remote terminal unit card/module	LOT	1	

Notes for ETC works :

1 * means material received at site and stored.