

Annexure-C (Mandatory spare list) , Rev -0			
Sl. No.	Item Description	Unit	Chittorgarh Qty.)
A)	3000A, 40kA, 765kV, 6 core Current Transformer (1-Ph) complete in all respect including terminal connectors	No.	1
B)	765kV, 8800pf CVT (1-Ph) complete in all respects including terminal connector	No.	1
C)	624kV Surge Arrester		
1	624kV Surge arrester complete with insulating base and terminal connectors	No.	1
2	Surge counter/monitor	Nos.	2
D)	765 kV Isolator		
D1)	3150A, 40kA, 3-phase, Isolator with one E/S		
1	One complete pole of Isolator including support insulator with 1 E/S with operating mechanism for main isolator and earth switch (excluding structure)	No.	1
2	Copper contact fingers for female & male contacts	set	2
3	Open/Close Contactor Assembly, Timer, Key Interlock push button switch & auxiliary switches	set	1
4	Limit switch	Nos.	2
5	Terminal pads & Connectors	Nos.	3
6	Corona shielding ring	Nos.	3
D2)	2000A, 40kA, 1-phase, Isolator with one E/S		
1	One complete pole of Isolator including support insulator with 1 E/S with operating mechanism for main isolator and earth switch (excluding structure)	No.	1
2	Copper contact fingers for female & male contacts	set	2
3	Open/Close Contactor Assembly, Timer, Key Interlock push button switch & auxiliary switches	set	1
4	Limit switch	Nos.	2
5	Terminal pads & Connectors	no	Nos.
6	Corona shielding ring	Nos.	3
E)	Relay and Protection system		
1	Line Protection panel spares		
a	Main-I Numerical distance relay (complete unit)	no	1
b	Main-II Numerical distance relay (complete unit)	no	1
2	Reactor Protection panel spare		
a	Reactor differential protection relay	no	1
b	Reactor Back up impedance relay (if standalone)	no	1
c	Restricted earth fault protection relay with non-linear resistor	no	1

MANDATORY SPARE LIST FOR 765kV Chittorgarh

F)	Sub-Station Automation /SCADA system		
1.	Bay control unit (IED) of each type	no	1
2.	Ethernet switch of each type	no	1
G)	PLCC, DPC and EPAX Spares		
1.	Set of prints for carrier terminal	Set	2
2.	Set of prints for Analogue protection coupler	Set	2
3	Set of print for Digital Protection coupler	Set	2
H)	765kV BPI	no	1