



**Bharat Heavy Electricals Limited**  
**Electroporcelains Division, Bangalore – 560 012**  
**Control Panel Business Group**

**PRICE FORMAT FOR 1X800MW WANAKBORI TBG PACKAGE**

<b>MATERAIL CODE</b>	<b>MATERIAL DESCRIPTION</b>	<b>QTY</b>	<b>UNIT PRICE</b>
ELWNKTBG0001	48V DCDB(GIS) FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0002	48V DCDB(AIS) FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0003	220V DCDB(GIS) FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0004	220V DCDB(AIS) FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0005	415V ACDB(GIS) FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0006	415V ACDB(GIS) FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0007	ELDB(GIS) FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0008	EPDB FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0009	MLDB(GIS) FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0010	MLDB(AIS) FOR WANAKBORI TBG PACKAGE	1	
ELWNKTBG0011	SUB DCDB FOR WANAKBORI TBG PACKAGE	1	
<b>TOTAL COST</b>			

**ANNEXURE-1**

<b>Sl.No.</b>	<b>MATERIAL DESCRIPTION</b>	<b>SCHEME NO.</b>	<b>MODULE TYPE</b>	<b>MODULE TYPE</b>	<b>RATING</b>	<b>UNIT PRICE</b>
4	DAET I/C, 1600A	EP-3-CS-047-001	Control Scheme for Module type DAET I/C-A	DAET I/C	1600A	
0	DAET I/C, 1000A	EP-3-CS-047-001	Control Scheme for Module type DAET I/C-A	DAET I/C	1000A	
9	DAET I/C, 1600A	EP-3-CS-047-002	Control Scheme for Module type DAET I/C-A	DAET I/C	1600A	
10	DAET I/C, 1000A	EP-3-CS-047-002	Control Scheme for Module type DAET I/C-B	DAET I/C	1000A	
14	DAET B/C, 1600A	EP-3-CS-047-003	Control Scheme for Module type DAET B/C Including DC supply module)	DAET B/C	1600A	
15	DAET B/C, 1000A	EP-3-CS-047-003	Control Scheme for Module type DAET B/C Including DC supply module)	DAET B/C	1000A	
39	DCDB I/C, 1600A	EP-3-CS-047-015	Control Scheme for Module type CH I/C-A for DCDB	DCDB I/C	1600A	
40	DCDB I/C, 1600A	EP-3-CS-047-016	Control Scheme for Module type CH I/C-B for DCDB	DCDB I/C	1600A	
41	DCDB B/C, 1600A	EP-3-CS-047-017	Control Scheme for Module type CH B/C for DCDB	DCDB B/C	1600A	
42	E3 I/C, 400A	EP-3-CS-047-018	Control Scheme for Module type EM3 I/C-A - MCCB upto 400A (including 400A)	E3 I/C	400A	
43	E3 (CC) I/C, 250A	EP-3-CS-047-018A	Control Scheme for Module type EM3(CC) I/C-A - MCCB upto AND 250A	E3 (CC) I/C	250A	
44	E3 I/C, 400A	EP-3-CS-047-019	Control Scheme for Module type EM3 I/C-B - MCCB upto 400A (including 400A)	E3 I/C	400A	
45	E3 (CC) I/C, 250A	EP-3-CS-047-018A	Control Scheme for Module type EM3(CC) I/C-B - MCCB upto AND 250A	E3 (CC) I/C	250A	
46	E3 B/C, 400A	EP-3-CS-047-020	Control Scheme for Module type EM3-MCCB B/C MCCB upto 400A (including 400A)	E3 B/C	400A	
47	E1, 16A	EP-3-CS-047-021	Control Scheme for Module type MCCB (O/G) (E1) - 1Ph. MCCB Outgoing Feeder	E1	16A	
48	E1, 32A	EP-3-CS-047-021	Control Scheme for Module type MCCB (O/G) (E1) - 1Ph. MCCB Outgoing Feeder	E1	32A	

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Sl.No.	MATERIAL DESCRIPTION	SCHEME NO.	MODULE TYPE	MODULE TYPE	RATING	UNIT PRICE
49	E1, 125A	EP-3-CS-047-021	Control Scheme for Module type MCCB (O/G) (E1) - 1Ph. MCCB Outgoing Feeder	E1	125A	
50	E3, 16A	EP-3-CS-047-022	Control Scheme for Module type AF/BF/CF/DF/EF/FF/GF/HF/IF/JF /KF/LF MCCB (O/G) (E3) - 3Ph. MCCB Outgoing Feeder	E3	16A	
51	E3, 32A	EP-3-CS-047-022	Control Scheme for Module type AF/BF/CF/DF/EF/FF/GF/HF/IF/JF /KF/LF MCCB (O/G) (E3) - 3Ph. MCCB Outgoing Feeder	E3	32A	
52	E3, 63A	EP-3-CS-047-022	Control Scheme for Module type AF/BF/CF/DF/EF/FF/GF/HF/IF/JF /KF/LF MCCB (O/G) (E3) - 3Ph. MCCB Outgoing Feeder	E3	63A	
53	E3, 125A	EP-3-CS-047-022	Control Scheme for Module type AF/BF/CF/DF/EF/FF/GF/HF/IF/JF /KF/LF MCCB (O/G) (E3) - 3Ph. MCCB Outgoing Feeder	E3	125A	
54	E3, 250A	EP-3-CS-047-022	Control Scheme for Module type AF/BF/CF/DF/EF/FF/GF/HF/IF/JF /KF/LF MCCB (O/G) (E3) - 3Ph. MCCB Outgoing Feeder	E3	250A	
55	E3, 400A	EP-3-CS-047-022	Control Scheme for Module type AF/BF/CF/DF/EF/FF/GF/HF/IF/JF /KF/LF MCCB (O/G) (E3) - 3Ph. MCCB Outgoing Feeder	E3	400A	
148	220V,	EP-3-CS-047-035	Control Scheme for Module type DW 220V DC Solenoid Valve feeder	220V	NA	
149	G1, 100VA	EP-3-CS-047-036	Control Scheme for Module type G1 BUS PT module	G1	100VA	
150	G2, 100VA	EP-3-CS-047-037	Control Scheme for Module type G2 BUS PT module for Emergency Board	G2	100VA	

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<b>Sl.No.</b>	<b>MATERIAL DESCRIPTION</b>	<b>SCHEME NO.</b>	<b>MODULE TYPE</b>	<b>MODULE TYPE</b>	<b>RATING</b>	<b>UNIT PRICE</b>
151	S,	EP-3-CS-047-038	Control Scheme for Module type S-220V, DC bus Voltage metering & protection module	S	NA	
152	CS, 3KVA	EP-3-CS-047-039	Control Scheme for Module type CS - AC Control Supply for module	CS	3KVA	
153	CS, 5KVA	EP-3-CS-047-039	Control Scheme for Module type CS - AC Control Supply for module	CS	5KVA	
154	SH, 1.5KVA	EP-3-CS-047-040	Control Scheme for Module type SH Control supply for Space heater and Sockets	SH	1.5KVA	
155	SH, 2KVA	EP-3-CS-047-040	Control Scheme for Module type SH Control supply for Space heater and Sockets	SH	2KVA	
156	TT, 60W	EP-3-CS-047-041	Control Scheme for Module type TT Panel Space Heater with Thermostat and Socket	TT	60W	
157	AFDB-I/C, 63A	EP-3-CS-047-042	Control Scheme for Module type H3 (I/C) AC FUSE DB - 240V incomer	AFDB-I/C	63A	
158	DFDB-I/C, 63A	EP-3-CS-047-043	Control Scheme for Module type H2 (I/C) DC FUSE DB - 220V incomer	DFDB-I/C	63A	
159	X, 63A	EP-3-CS-047-044	Control Scheme for Module Type DAF/DBF/DCF/DDF/DEF /DGF-SFU O/G (X) for 220V, DCDB	X	63A	
160	X, 125A	EP-3-CS-047-044	Control Scheme for Module Type DAF/DBF/DCF/DDF/DEF /DGF-SFU O/G (X) for 220V, DCDB	X	125A	

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Sl.No.	MATERIAL DESCRIPTION	SCHEME NO.	MODULE TYPE	MODULE TYPE	RATING	UNIT PRICE
161	X, 250A	EP-3-CS-047-044	Control Scheme for Module Type DAF/DBF/DCF/DDF/ DEF/DGF-SFU O/G (X) for 220V, DCDB	X	250A	
162	X, 500A	EP-3-CS-047-044	Control Scheme for Module Type DAF/DBF/DCF/DDF/ DEF/DGF-SFU O/G (X) for 220V, DCDB	X	500A	
163	H1, 16A	EP-3-CS-047-045	Control Scheme for Module Type H1 (O/G) 1-Ph MCB controlled outgoing feeder	H1	16A	
164	H1, 32A	EP-3-CS-047-045	Control Scheme for Module Type H1 (O/G) 1-Ph MCB controlled outgoing feeder	H1	32A	
165	DFDO ENCL 4000/630A	NA	DFDO ENCL 4000/630A	NA	NA	
166	DFDO ENCL 3200/630A	NA	DFDO ENCL 3200/630A	NA	NA	
167	DFDO ENCL 2500/630A	NA	DFDO ENCL 2500/630A	NA	NA	
168	DFDO ENCL 1600/630A	NA	DFDO ENCL 1600/630A	NA	NA	
169	DFDO ENCL 1000/630A	NA	DFDO ENCL 1000/630A	NA	NA	
170	DFDO ENCL 630/630A	NA	DFDO ENCL 630/630A	NA	NA	