

Transmission Line Package TW04 for Sikar-II - Neemrana 400 kV D/C line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II  
-Part C through tariff based competitive bidding (TBCB) route prior to RfP bid submission by POWERGRID to BPC.

## (SCHEDULE OF RATES AND PRICES)

## Installation Charges :

(All Prices are in Indian Rupees)

Sl. No.	PR No	PR Line Item No	Activity Header	PR Activity No	Activity Description	Service Code	SAC (Service Accounting Codes)	Rate of GST applicable ( in %)	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
1	7000011063	1000	140	10	SURVEY	100001242	998344	18	Detailed survey including route alignment, profiling and tower spotting	KM	134.973	10,865.00	1466481.65
2	7000011063	1000	140	20	SURVEY	100001243	998344	18	Check survey	KM	134.973	10,865.00	1466481.65
3	7000011063	1010	150	10	SOIL INVESTIGATION	100001244	998342	18	Detailed soil investigation: All kinds of soils except fissured rock and hard rock	EA	26	11,104.00	288704.00
4	7000011063	1010	150	20	SOIL INVESTIGATION	100001245	998342	18	Detailed soil investigation: Fissured Rock	EA	10	13,572.00	135720.00
5	7000011063	1010	150	30	SOIL INVESTIGATION	100001246	998342	18	Detailed soil investigation: Hard Rock	EA	1	18,507.00	18507.00
6	7000011063	1020	160	10	BENCHING	100001252	995432	18	Benching: All kinds of soils except fissured rock,hard rock and sandy soil	M3	2000	98.00	196000.00
7	7000011063	1020	160	20	BENCHING	100001253	995432	18	Benching: Fissured Rock	M3	1000	198.00	198000.00
8	7000011063	1020	160	30	BENCHING	100001254	995432	18	Benching:Hard Rock	M3	500	926.00	463000.00
9	7000011063	1030	170	10	WORK ASSOCIATED WITH TOWER FOUNDATION	100008748	998335	18	Design & Installation of DRY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(-6.0M ext upto +0M ext)	EA	42	83,057.00	3488394.00
10	7000011063	1030	170	20	WORK ASSOCIATED WITH TOWER FOUNDATION	100008749	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(-6.0M ext upto +0M ext)	EA	74	1,66,992.00	12357408.00
11	7000011063	1030	170	30	WORK ASSOCIATED WITH TOWER FOUNDATION	100008750	998335	18	Design & Installation of WET PADDY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundationdepth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(-6.0M ext upto +0M ext)	EA	10	1,06,775.00	1067750.00

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1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
12	7000011063	1030	170	40	WORK ASSOCIATED WITH TOWER FOUNDATION	100008751	998335	18	Design & Installation of PS foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(-6.0M ext upto +0M ext)	EA	5	1,94,532.00	972660.00
13	7000011063	1030	170	50	WORK ASSOCIATED WITH TOWER FOUNDATION	100008752	998335	18	Design & Installation of FS foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(-6.0M ext upto +0M ext)	EA	5	2,35,033.00	1175165.00
14	7000011063	1030	170	60	WORK ASSOCIATED WITH TOWER FOUNDATION	100008754	998335	18	Design & Installation of DFR foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(-6.0M ext upto +0M ext)	EA	17	1,29,683.00	2204611.00
15	7000011063	1030	170	80	WORK ASSOCIATED WITH TOWER FOUNDATION	100008757	998335	18	Design & Installation of SANDY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(-6.0M ext upto +0M ext)	EA	47	1,17,607.00	5527529.00
16	7000011063	1030	170	90	WORK ASSOCIATED WITH TOWER FOUNDATION	100008758	998335	18	Design & Installation of HR foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(-6.0M ext upto +0M ext)	EA	2	83,007.00	166014.00
17	7000011063	1030	170	100	WORK ASSOCIATED WITH TOWER FOUNDATION	100008759	998335	18	Design & Installation of DRY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(+1.5M ext upto +9M ext)	EA	4	1,02,037.00	408148.00
18	7000011063	1030	170	110	WORK ASSOCIATED WITH TOWER FOUNDATION	100008760	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(+1.5M ext upto +9M ext)	EA	5	1,94,187.00	970935.00
19	7000011063	1030	170	120	WORK ASSOCIATED WITH TOWER FOUNDATION	100008762	998335	18	Design & Installation of PS foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(+1.5M ext upto +9M ext)	EA	1	2,34,482.00	234482.00

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1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
20	7000011063	1030	170	130	WORK ASSOCIATED WITH TOWER FOUNDATION	100008763	998335	18	Design & Installation of FS foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower typeDA(+1.5M ext upto +9M ext)	EA	2	2,81,942.00	563884.00
21	7000011063	1030	170	140	WORK ASSOCIATED WITH TOWER FOUNDATION	100008765	998335	18	Design & Installation of DFR foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(+1.5M ext upto +9M ext)	EA	7	1,58,008.00	1106056.00
22	7000011063	1030	170	160	WORK ASSOCIATED WITH TOWER FOUNDATION	100008768	998335	18	Design & Installation of SANDY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DA(+1.5M ext upto +9M ext)	EA	5	1,49,403.00	747015.00
23	7000011063	1030	170	180	WORK ASSOCIATED WITH TOWER FOUNDATION	100008782	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB1(-6.0M ext upto +0M ext)	EA	1	2,17,763.00	217763.00
24	7000011063	1030	170	190	WORK ASSOCIATED WITH TOWER FOUNDATION	100008783	998335	18	Design & Installation of WET PADDY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundationdepth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB1(-6.0M ext upto +0M ext)	EA	3	1,29,983.00	389949.00
25	7000011063	1030	170	200	WORK ASSOCIATED WITH TOWER FOUNDATION	100008784	998335	18	Design & Installation of PS foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB1(-6.0M ext upto +0M ext)	EA	2	2,68,997.00	537994.00
26	7000011063	1030	170	210	WORK ASSOCIATED WITH TOWER FOUNDATION	100008787	998335	18	Design & Installation of DFR foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB1(-6.0M ext upto +0M ext)	EA	1	1,89,469.00	189469.00
27	7000011063	1030	170	220	WORK ASSOCIATED WITH TOWER FOUNDATION	100008792	998335	18	Design & Installation of DRY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB1(+1.5M ext upto +9M ext)	EA	3	1,52,170.00	456510.00

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1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
28	7000011063	1030	170	230	WORK ASSOCIATED WITH TOWER FOUNDATION	100008793	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB1(+1.5M ext upto +9M ext)	EA	1	2,60,972.00	260972.00
29	7000011063	1030	170	250	WORK ASSOCIATED WITH TOWER FOUNDATION	100008814	998335	18	Design & Installation of DRY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB2(-6.0M ext upto +0M ext)	EA	5	1,58,262.00	791310.00
30	7000011063	1030	170	260	WORK ASSOCIATED WITH TOWER FOUNDATION	100008815	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB2(-6.0M ext upto +0M ext)	EA	8	2,61,439.00	2091512.00
31	7000011063	1030	170	280	WORK ASSOCIATED WITH TOWER FOUNDATION	100008820	998335	18	Design & Installation of DFR foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB2(-6.0M ext upto +0M ext)	EA	1	2,41,654.00	241654.00
32	7000011063	1030	170	300	WORK ASSOCIATED WITH TOWER FOUNDATION	100008823	998335	18	Design & Installation of SANDY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB2(-6.0M ext upto +0M ext)	EA	7	2,21,334.00	1549338.00
33	7000011063	1030	170	340	WORK ASSOCIATED WITH TOWER FOUNDATION	100008827	998335	18	Design & Installation of WET PADDY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundationdepth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB2(+1.5M ext upto +9M ext)	EA	12	1,71,894.00	2062728.00
34	7000011063	1030	170	370	WORK ASSOCIATED WITH TOWER FOUNDATION	100008847	998335	18	Design & Installation of DRY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(-6.0M ext upto +0M ext)	EA	3	1,73,257.00	519771.00
35	7000011063	1030	170	380	WORK ASSOCIATED WITH TOWER FOUNDATION	100008848	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(-6.0M ext upto +0M ext)	EA	5	2,86,305.00	1431525.00

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1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
36	7000011063	1030	170	390	WORK ASSOCIATED WITH TOWER FOUNDATION	100008849	998335	18	Design & Installation of WET PADDY foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(-6.0M ext upto +0M ext)	EA	3	1,75,886.00	527658.00
37	7000011063	1030	170	400	WORK ASSOCIATED WITH TOWER FOUNDATION	100008850	998335	18	Design & Installation of PS foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(-6.0M ext upto +0M ext)	EA	1	3,67,678.00	367678.00
38	7000011063	1030	170	410	WORK ASSOCIATED WITH TOWER FOUNDATION	100008851	998335	18	Design & Installation of FS foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(-6.0M ext upto +0M ext)	EA	1	4,34,187.00	434187.00
39	7000011063	1030	170	420	WORK ASSOCIATED WITH TOWER FOUNDATION	100008853	998335	18	Design & Installation of DFR foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(-6.0M ext upto +0M ext)	EA	3	2,51,492.00	754476.00
40	7000011063	1030	170	450	WORK ASSOCIATED WITH TOWER FOUNDATION	100008857	998335	18	Design & Installation of HR foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(-6.0M ext upto +0M ext)	EA	1	1,32,503.00	132503.00
41	7000011063	1030	170	480	WORK ASSOCIATED WITH TOWER FOUNDATION	100008867	998335	18	Design & Installation of SANDY foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(+1.5M ext upto +9M ext)	EA	1	2,42,622.00	242622.00
42	7000011063	1030	170	490	WORK ASSOCIATED WITH TOWER FOUNDATION	100008880	998335	18	Design & Installation of DRY foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC2(-6.0M ext upto +0M ext)	EA	3	1,94,753.00	584259.00
43	7000011063	1030	170	500	WORK ASSOCIATED WITH TOWER FOUNDATION	100008881	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC2(-6.0M ext upto +0M ext)	EA	5	3,27,437.00	1637185.00

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1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
44	7000011063	1030	170	510	WORK ASSOCIATED WITH TOWER FOUNDATION	100008882	998335	18	Design & Installation of WET PADDY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundationdepth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC2(-6.0M ext upto +0M ext)	EA	3	1,99,728.00	599184.00
45	7000011063	1030	170	570	WORK ASSOCIATED WITH TOWER FOUNDATION	100008892	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC2(+1.5M ext upto +9M ext)	EA	1	3,41,175.00	341175.00
46	7000011063	1030	170	590	WORK ASSOCIATED WITH TOWER FOUNDATION	100008914	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD45(-6.0M ext upto +0M ext)	EA	4	4,40,805.00	1763220.00
47	7000011063	1030	170	600	WORK ASSOCIATED WITH TOWER FOUNDATION	100008915	998335	18	Design & Installation of WET PADDY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundationdepth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD45(-6.0M ext upto +0M ext)	EA	8	2,79,639.00	2237112.00
48	7000011063	1030	170	610	WORK ASSOCIATED WITH TOWER FOUNDATION	100008916	998335	18	Design & Installation of PS foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD45(-6.0M ext upto +0M ext)	EA	1	5,41,618.00	541618.00
49	7000011063	1030	170	620	WORK ASSOCIATED WITH TOWER FOUNDATION	100008919	998335	18	Design & Installation of DFR foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD45(-6.0M ext upto +0M ext)	EA	1	4,13,279.00	413279.00
50	7000011063	1030	170	640	WORK ASSOCIATED WITH TOWER FOUNDATION	100008924	998335	18	Design & Installation of DRY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD45(+1.5M ext upto +9M ext)	EA	1	2,72,848.00	272848.00
51	7000011063	1030	170	650	WORK ASSOCIATED WITH TOWER FOUNDATION	100008925	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD45(+1.5M ext upto +9M ext)	EA	1	4,60,421.00	460421.00

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1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
52	7000011063	1030	170	670	WORK ASSOCIATED WITH TOWER FOUNDATION	100008969	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD60(-6.0M ext upto +0M ext)	EA	5	5,73,376.00	2866880.00
53	7000011063	1030	170	710	WORK ASSOCIATED WITH TOWER FOUNDATION	100008980	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD60(+1.5M ext upto +9M ext)	EA	4	6,03,893.00	2415572.00
54	7000011063	1030	170	720	WORK ASSOCIATED WITH TOWER FOUNDATION	100008981	998335	18	Design & Installation of WET PADDY foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundationdepth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD60(+1.5M ext upto +9M ext)	EA	2	3,90,349.00	780698.00
55	7000011063	1030	170	750	WORK ASSOCIATED WITH TOWER FOUNDATION	100008985	998335	18	Design & Installation of DFR foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD60(+1.5M ext upto +9M ext)	EA	7	5,44,932.00	3814524.00
56	7000011063	1030	170	770	WORK ASSOCIATED WITH TOWER FOUNDATION	100008989	998335	18	Design & Installation of HR foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD60(+1.5M ext upto +9M ext)	EA	1	1,73,735.00	173735.00
57	7000011063	1030	170	780	WORK ASSOCIATED WITH TOWER FOUNDATION	100008837	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB2(+18/25M ext)	EA	6	2,95,619.00	1773714.00
58	7000011063	1030	170	790	WORK ASSOCIATED WITH TOWER FOUNDATION	100008870	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(+18/25M ext)	EA	3	3,14,095.00	942285.00
59	7000011063	1030	170	830	WORK ASSOCIATED WITH TOWER FOUNDATION	100008936	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD45(+18/25M ext)	EA	6	5,06,463.00	3038778.00

Sl. No.	PR No	PR Line Item No	Activity Header	PR Activity No	Activity Description	Service Code	SAC (Service Accounting Codes)	Rate of GST applicable ( in %)	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
60	7000011063	1030	170	920	WORK ASSOCIATED WITH TOWER FOUNDATION	100009023	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DAtower(up to +9m exten).	EA	226	1,469.00	331994.00
61	7000011063	1030	170	930	WORK ASSOCIATED WITH TOWER FOUNDATION	100009026	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DB1tower(up to +9m exten).	EA	14	2,312.00	32368.00
62	7000011063	1030	170	940	WORK ASSOCIATED WITH TOWER FOUNDATION	100009029	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DB2tower(up to +9m exten).	EA	33	2,312.00	76296.00
63	7000011063	1030	170	950	WORK ASSOCIATED WITH TOWER FOUNDATION	100009031	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DB2tower(For +18/25m exten).	EA	6	2,659.00	15954.00
64	7000011063	1030	170	960	WORK ASSOCIATED WITH TOWER FOUNDATION	100009032	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DC1tower(up to +9m exten).	EA	20	2,941.00	58820.00
65	7000011063	1030	170	970	WORK ASSOCIATED WITH TOWER FOUNDATION	100009034	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DC1tower(For +18/25m exten).	EA	3	3,105.00	9315.00
66	7000011063	1030	170	980	WORK ASSOCIATED WITH TOWER FOUNDATION	100009035	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DC2tower(up to +9m exten).	EA	14	2,941.00	41174.00
67	7000011063	1030	170	1000	WORK ASSOCIATED WITH TOWER FOUNDATION	100009038	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DD45tower(up to +9m exten).	EA	18	3,462.00	62316.00
68	7000011063	1030	170	1010	WORK ASSOCIATED WITH TOWER FOUNDATION	100009040	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DD45tower(For +18/25m exten).	EA	6	4,211.00	25266.00
69	7000011063	1030	170	1020	WORK ASSOCIATED WITH TOWER FOUNDATION	100009043	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DD60tower(up to +9m exten).	EA	22	3,462.00	76164.00
70	7000011063	1030	170	1030	WORK ASSOCIATED WITH TOWER FOUNDATION	100009045	998335	18	Installation of Stub including cleats,bolts and nuts for 400kV D/C (TwinHTLS) Normal Towers (WZ4) Designed DD60tower(For +18/25m exten).	EA	2	4,211.00	8422.00
71	7000011063	1030	170	1060	WORK ASSOCIATED WITH TOWER FOUNDATION	100008785	998335	18	Design & Installation of FS foundation including all works as specified in Vol-II,section -II of TS upto 3.5 m foundation depthfor 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB1(-6.0M ext upto +0M ext)	EA	1	3,11,487.00	311487.00



Sl. No.	PR No	PR Line Item No	Activity Header	PR Activity No	Activity Description	Service Code	SAC (Service Accounting Codes)	Rate of GST applicable (in %)	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
72	7000011063	1030	170	1070	WORK ASSOCIATED WITH TOWER FOUNDATION	100008790	998335	18	Design & Installation of SANDY foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB1(-6.0M ext upto +0M ext)	EA	1	1,76,166.00	176166.00
73	7000011063	1030	170	1080	WORK ASSOCIATED WITH TOWER FOUNDATION	100008791	998335	18	Design & Installation of HR foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DB1(-6.0M ext upto +0M ext)	EA	1	1,05,490.00	105490.00
74	7000011063	1030	170	1090	WORK ASSOCIATED WITH TOWER FOUNDATION	100008858	998335	18	Design & Installation of DRY foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(+1.5M ext upto +9M ext)	EA	1	1,73,257.00	173257.00
75	7000011063	1030	170	1100	WORK ASSOCIATED WITH TOWER FOUNDATION	100008859	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC1(+1.5M ext upto +9M ext)	EA	1	2,86,305.00	286305.00
76	7000011063	1030	170	1120	WORK ASSOCIATED WITH TOWER FOUNDATION	100008900	998335	18	Design & Installation of SANDY foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DC2(+1.5M ext upto +9M ext)	EA	2	2,87,865.00	575730.00
77	7000011063	1030	170	1130	WORK ASSOCIATED WITH TOWER FOUNDATION	100008917	998335	18	Design & Installation of FS foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD45(-6.0M ext upto +0M ext)	EA	1	6,29,346.00	629346.00
78	7000011063	1030	170	1170	WORK ASSOCIATED WITH TOWER FOUNDATION	100008928	998335	18	Design & Installation of FS foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD45(+1.5M ext upto +9M ext)	EA	1	6,63,885.00	663885.00
79	7000011063	1030	170	1200	WORK ASSOCIATED WITH TOWER FOUNDATION	100008968	998335	18	Design & Installation of DRY foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD60(-6.0M ext upto +0M ext)	EA	1	3,42,015.00	342015.00

SI. No.	PR No	PR Line Item No	Activity Header	PR Activity No	Activity Description	Service Code	SAC (Service Accounting Codes)	Rate of GST applicable (in %)	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
80	7000011063	1030	170	1210	WORK ASSOCIATED WITH TOWER FOUNDATION	100008977	998335	18	Design & Installation of SANDY foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD60(-6.0M ext upto +0M ext)	EA	2	4,52,926.00	905852.00
81	7000011063	1030	170	1250	WORK ASSOCIATED WITH TOWER FOUNDATION	100008991	998335	18	Design & Installation of WET foundation including all works as specified in Vol-II, section -II of TS upto 3.5 m foundation depth for 400KV D/C (Twin HTLS) Normal Towers (WZ4) Designed IS 802-2015 for plain area tower type DD60(+18/25M ext)	EA	2	6,64,283.00	1328566.00
82	7000011063	1040	180	10	ERECTION	100008642	995455	18	Erection of various type of towers, tower parts and tower extension (complete) with bolts and nuts, including tack welding and supply and application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DA+0M	EA	202	68,615.00	13860230.00
83	7000011063	1040	180	20	ERECTION	100008643	995455	18	Erection of various type of towers, tower parts and tower extension (complete) with bolts and nuts, including tack welding and supply and application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DA+3M	EA	19	75,250.00	1429750.00
84	7000011063	1040	180	30	ERECTION	100008644	995455	18	Erection of various type of towers, tower parts and tower extension (complete) with bolts and nuts, including tack welding and supply and application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DA+6M	EA	1	87,128.00	87128.00
85	7000011063	1040	180	40	ERECTION	100008645	995455	18	Erection of various type of towers, tower parts and tower extension (complete) with bolts and nuts, including tack welding and supply and application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DA+9M	EA	4	93,689.00	374756.00
86	7000011063	1040	180	50	ERECTION	100008649	995455	18	Erection of various type of towers, tower parts and tower extension (complete) with bolts and nuts, including tack welding and supply and application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DB1+0M	EA	10	89,109.00	891090.00
87	7000011063	1040	180	80	ERECTION	100008652	995455	18	Erection of various type of towers, tower parts and tower extension (complete) with bolts and nuts, including tack welding and supply and application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DB1+9M	EA	4	1,24,589.00	498356.00

Sl. No.	PR No	PR Line Item No	Activity Header	PR Activity No	Activity Description	Service Code	SAC (Service Accounting Codes)	Rate of GST applicable ( in %)	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
88	7000011063	1040	180	90	ERECTION	100008656	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DB2+0M	EA	21	93,818.00	1970178.00
89	7000011063	1040	180	100	ERECTION	100008658	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DB2+6M	EA	2	1,20,828.00	241656.00
90	7000011063	1040	180	110	ERECTION	100008659	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DB2+9M	EA	10	1,30,108.00	1301080.00
91	7000011063	1040	180	120	ERECTION	100008661	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DB2+18M	EA	6	1,66,996.00	1001976.00
92	7000011063	1040	180	130	ERECTION	100008663	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DC1+0M	EA	17	1,01,281.00	1721777.00
93	7000011063	1040	180	150	ERECTION	100008668	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DC1+18M	EA	3	1,80,280.00	540840.00
94	7000011063	1040	180	160	ERECTION	100008670	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DC2+0M	EA	11	1,05,061.00	1155671.00
95	7000011063	1040	180	190	ERECTION	100008677	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DD45+0M	EA	15	1,20,153.00	1802295.00

Sl. No.	PR No	PR Line Item No	Activity Header	PR Activity No	Activity Description	Service Code	SAC (Service Accounting Codes)	Rate of GST applicable ( in %)	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
96	7000011063	1040	180	200	ERECTION	100008679	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DD45+6M	EA	1	1,56,285.00	156285.00
97	7000011063	1040	180	210	ERECTION	100008680	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DD45+9M	EA	2	1,66,375.00	332750.00
98	7000011063	1040	180	220	ERECTION	100008682	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DD45+18M	EA	2	2,13,803.00	427606.00
99	7000011063	1040	180	230	ERECTION	100008686	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DD60+0M	EA	8	1,26,293.00	1010344.00
100	7000011063	1040	180	240	ERECTION	100008688	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DD60+6M	EA	3	1,65,303.00	495909.00
101	7000011063	1040	180	250	ERECTION	100008689	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DD60+9M	EA	11	1,76,196.00	1938156.00
102	7000011063	1040	180	260	ERECTION	100008691	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DD60+18M	EA	2	2,24,731.00	449462.00
Employer designed Gantry Structures (for item at sl. No. 103)													

SL No.	PR No	PR Line Item No	Activity Header	PR Activity No	Activity Description	Service Code	SAC (Service Accounting Codes)	Rate of GST applicable ( in %)	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
103	7000011063	1040	180	290	ERECTION	100001248	995455	18	Erection of various types of towers, tower extensions (complete), bolts & nuts, hangers, d-shackles, step bolts, pack washers etc.including tack welding & supply & application of zinc rich paint : Normal towers	MT	83	6,792.00	563736.00
104	7000011063	1040	180	300	ERECTION	100008664	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DC1+3M	EA	1	1,08,026.00	108026.00
105	7000011063	1040	180	310	ERECTION	100008666	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DC1+9M	EA	2	1,39,944.00	279888.00
106	7000011063	1040	180	320	ERECTION	100008673	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DC2+9M	EA	3	1,47,144.00	441432.00
107	7000011063	1040	180	340	ERECTION	100008683	995455	18	Erection of various type of towers,tower parts and tower extension (complete) with bolts and nuts, including tack welding and supplyand application of zinc rich paint for 400kV D/C (Twin HTLS) Normal Towers(WZ4) Designed for tower type DD45+25M	EA	4	2,64,229.00	1056916.00
108	7000011063	1050	190	10	INSTALLATION OF EARTHING OF TOWERS	100001269	995468	18	Installation of earthing of towers: Pipe Type	EA	319	2,892.00	922548.00
109	7000011063	1050	190	20	INSTALLATION OF EARTHING OF TOWERS	100004928	998731	18	ROD TYPE EARTHING	EA	319	2,892.00	922548.00
110	7000011063	1050	190	30	INSTALLATION OF EARTHING OF TOWERS	100001270	995468	18	Installation of earthing of towers: Counterpoise type (120 m length)	EA	30	4,627.00	138810.00
111	7000011063	1050	190	40	INSTALLATION OF EARTHING OF TOWERS	170002472	995468	18	Installation of Chemical earthing of towers: Counterpoise Type .	EA	13	4,916.00	63908.00

Sl. No.	PR No	PR Line Item No	Activity Header	PR Activity No	Activity Description	Service Code	SAC (Service Accounting Codes)	Rate of GST applicable (in %)	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
112	7000011063	1050	190	50	INSTALLATION OF EARTHING OF TOWERS	100002202	995468	18	Installation of Shieldwire Earthing including PG clamps, Downlead clamps and Earthwire bits i.e Shield wire earthing (Pipe Type/counterpoise type) shall be an addition to earthing of towers (Pipe type/ counterpoise type)-Pipe type	EA	17	8,675.00	147475.00
113	7000011063	1050	190	60	INSTALLATION OF EARTHING OF TOWERS	100002203	995468	18	Installation of Shieldwire Earthing including PG clamps, Downlead clamps and Earthwire bits i.e Shield wire earthing (Pipe Type/counterpoise type) shall be an addition to earthing of towers (Pipe type/counterpoise type)-Counterpoise type	EA	3	10,410.00	31230.00
114	7000011063	1050	190	70	INSTALLATION OF EARTHING OF TOWERS	170002471	995468	18	Installation of Chemical earthing of towers: Pipe Type .	EA	1	11,567.00	11567.00
115	7000011063	1050	190	80	INSTALLATION OF EARTHING OF TOWERS	100008106	995468	18	Installation of Chemical earthing of towers: Counterpoise Type (280m length).	EA	5	11,567.00	57835.00
116	7000011063	1060	200	10	INSTALLATION OF TOWER ACCESSORIES	100001274	995444	18	Installation of tower accessories : Danger Plate	EA	368	58.00	21344.00
117	7000011063	1060	200	20	INSTALLATION OF TOWER ACCESSORIES	100001275	995444	18	Installation of tower accessories: Number Plate	EA	368	58.00	21344.00
118	7000011063	1060	200	30	INSTALLATION OF TOWER ACCESSORIES	100001276	995444	18	Installation of tower accessories: Phase Plate (Set of three)	SET	736	173.00	127328.00
119	7000011063	1060	200	40	INSTALLATION OF TOWER ACCESSORIES	100001278	995444	18	Installation of tower accessories: Circuit Plate (Set of two)	SET	368	87.00	32016.00
120	7000011063	1060	200	50	INSTALLATION OF TOWER ACCESSORIES	100001277	995444	18	Installation of tower accessories: Anti-Climbing Devices	EA	368	3,008.00	1106944.00
121	7000011063	1060	200	60	INSTALLATION OF TOWER ACCESSORIES	100001279	995444	18	Installation of tower accessories: Bird Guard (Set of Three)	SET	452	1,041.00	470532.00
122	7000011063	1070	210	10	PROTECTION OF TOWER FOOTING	100001264	995456	18	Protection of tower footing (supply and installation): Random rubble stone masonry including excavation (1:5 cement mortar)	M3	550	4,037.00	2220350.00
123	7000011063	1070	210	20	PROTECTION OF TOWER FOOTING	100001267	995456	18	Protection of tower footing (supply and installation): M 15 (1:2:4) mixed concrete for top seal cover of revetment	M3	150	4,529.00	679350.00
124	7000011063	1070	210	30	PROTECTION OF TOWER FOOTING	100001268	995456	18	Protection of tower footing (supply and installation): Backfilling and gap levelling of volumes enclosed by revetment	M3	350	231.00	80850.00

SI. No.	PR No	PR Line Item No	Activity Header	PR Activity No	Activity Description	Service Code	SAC (Service Accounting Codes)	Rate of GST applicable (in %)	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9	10	11	12	13	14=12*13
125	7000011063	1070	210	40	PROTECTION OF TOWER FOOTING	100001265	995456	18	Protection of tower footing (supply and installation): Stone Bound in Galvanising wire netting including excavation	M3	500	4,627.00	2313500.00
126	7000011063	1080	220	10	STRINGING	100003422	995468	18	Installation of insulator strings complete with arcing horns and necessary hardware, installing and stringing of twin HTLS conductor including fixing of conductor accessories, installing and stringing of earthwire/OPGW including fixing of earthwire/OPGW accessories for the 400kV D/C line	KM	134.973	4,57,474.00	61746638.20
127	7000011063	1080	220	20	STRINGING	100004829	995468	18	Installation of insulator strings complete with arcing horns and necessary hardware, installation and stringing of conductor including fixing of conductor accessories, installation and stringing of earthwire/OPGW including fixing of earthwire/OPGW accessories for powerline crossing location under live line condition.	EA	1	9,83,192.00	983192.00
128	7000011063	1090	230	10	PAINTING OF TOWERS	100008577	995473	18	Painting of Normal Towers	EA	4	43,376.00	173504.00
129	7000011063	1110	250	10	Services: OPGW	170000265	998716	18	Installation of Joint box above ground (Including Splicing & Testing) : 24 fibres	EA	30	2,314.00	69420.00
<b>Employer designed Gantry Structures (for items at sl. No. 130 to 134)</b>													
130	7000011063	1120	260	10	TOWER FOUNDATION (VOL)	100001255	995433	18	Excavation : Dry Soil	M3	1181.36	187.00	220914.32
131	7000011063	1120	260	20	TOWER FOUNDATION (VOL)	100001256	995433	18	Excavation: Wet Soil	M3	1181.36	187.00	220914.32
132	7000011063	1120	260	30	TOWER FOUNDATION (VOL)	100001260	995454	18	Concreting (including all associated works related to foundation not covered in excavation and reinforcement steel works : concreting(1:1.5:3)	M3	613.75	7,763.00	4764541.25
133	7000011063	1120	260	40	TOWER FOUNDATION (VOL)	100001261	995454	18	Concreting (including all associated works related to foundation not covered in excavation and reinforcement steel works : Lean Concrete (1:3:6)	M3	34.62	6,811.00	235796.82
134	7000011063	1120	260	50	TOWER FOUNDATION (VOL)	100001262	995454	18	Reinforcement Steel : Supply and placement	MT	52.69	58,471.00	3080836.99
135	7000011225	10	280	10	INSTALLATION OF AVIATION LIGHT	100001282	995444	18	Installation of Span Markers for aviation requirements	EA	4	5,500.00	22000.00
136	7000011225	10	280	20	INSTALLATION OF AVIATION LIGHT	100001283	995444	18	Installation of Obstruction Lights for Aviation requirements: 1 Medium Intensity + 2 Low Intensity	SET	4	12,500.00	50000.00
<b>Total of Appendix-10B</b>													<b>19,43,89,769.19</b>

Transmission Line Package TW04 for Sikar-II – Neemrana 400 kV D/C line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II –Part C through tariff based competitive bidding (TBCB) route prior to RfP bid submission by POWERGRID to BPC.

## (SCHEDULE OF RATES AND PRICES)

Plant and Equipment (including Mandatory Spares Parts) to be supplied, including Type Test Charges for Tests to be conducted.

(All Prices are in Indian Rupees)

SL No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
1	7000011063	10	FABRICATION AND SUPPLY	1000050468	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DA+0M EXTENSION.	EA	204	7,10,733.00	14,49,89,532.00
2	7000011063	20	FABRICATION AND SUPPLY	1000050472	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DA+3M EXTENSION.	EA	20	7,80,829.00	1,56,16,580.00
3	7000011063	30	FABRICATION AND SUPPLY	1000050473	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DA+6M EXTENSION.	EA	2	9,00,626.00	18,01,252.00
4	7000011063	40	FABRICATION AND SUPPLY	1000050474	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DA+9M EXTENSION.	EA	7	9,68,863.00	67,82,041.00



Sl. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
5	7000011063	50	FABRICATION AND SUPPLY	1000050475	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DB1+0M EXTENSION.	EA	10	9,69,191.00	96,91,910.00
6	7000011063	80	FABRICATION AND SUPPLY	1000050481	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DB1+9M EXTENSION.	EA	4	13,52,836.00	54,11,344.00
7	7000011063	90	FABRICATION AND SUPPLY	1000050482	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DB2+0M EXTENSION.	EA	22	10,20,920.00	2,24,60,240.00
8	7000011063	100	FABRICATION AND SUPPLY	1000050487	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DB2+6M EXTENSION.	EA	2	13,13,057.00	26,26,114.00
9	7000011063	110	FABRICATION AND SUPPLY	1000050488	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DB2+9M EXTENSION.	EA	11	14,13,426.00	1,55,47,686.00

SI. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable ( in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
10	7000011063	120	FABRICATION AND SUPPLY	1000050484	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DB2+18M EXTENSION.	EA	6	18,17,238.00	1,09,03,428.00
11	7000011063	130	FABRICATION AND SUPPLY	1000050489	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DC1+0M EXTENSION.	EA	17	10,98,730.00	1,86,78,410.00
12	7000011063	150	FABRICATION AND SUPPLY	1000050491	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DC1+18M EXTENSION.	EA	3	19,55,739.00	58,67,217.00
13	7000011063	160	FABRICATION AND SUPPLY	1000050496	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DC2+0M EXTENSION.	EA	12	11,46,196.00	1,37,54,352.00
14	7000011063	180	FABRICATION AND SUPPLY	1000050503	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DD45+0M EXTENSION.	EA	15	13,05,307.00	1,95,79,605.00

Sl. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
15	7000011063	190	FABRICATION AND SUPPLY	1000050510	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DD45+6M EXTENSION.	EA	1	16,96,090.00	16,96,090.00
16	7000011063	200	FABRICATION AND SUPPLY	1000050511	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DD45+9M EXTENSION.	EA	2	18,05,208.00	36,10,416.00
17	7000011063	210	FABRICATION AND SUPPLY	1000050505	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DD45+18M EXTENSION.	EA	2	23,22,678.00	46,45,356.00
18	7000011063	220	FABRICATION AND SUPPLY	1000050512	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DD60+0M EXTENSION.	EA	10	13,71,561.00	1,37,15,610.00
19	7000011063	230	FABRICATION AND SUPPLY	1000050519	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) A, INCLUDING A, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DD60+6M EXTENSION.	EA	3	17,93,615.00	53,80,845.00

SI. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
20	7000011063	240	FABRICATION AND SUPPLY	1000050520	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DD60+9M EXTENSION.	EA	11	19,11,464.00	2,10,26,104.00
21	7000011063	250	FABRICATION AND SUPPLY	1000050514	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DD60+18M EXTENSION.	EA	2	24,40,610.00	48,81,220.00
22	7000011063	260	FABRICATION AND SUPPLY	1000050523	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPE OF TOWERS, TOWER Å, (COMPLETE) WITH PACK WASHERS, INCLUDING BOLTS & NUTS FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DA (UP TO +9M EXTENSION)	EA	231	20,750.00	47,93,250.00
23	7000011063	270	FABRICATION AND SUPPLY	1000050526	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPE OF TOWERS, TOWER Å, (COMPLETE) WITH PACK WASHERS, INCLUDING BOLTS & NUTS FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DB1 (UP TO +9M EXTENSION)	EA	14	33,823.00	4,73,522.00
24	7000011063	280	FABRICATION AND SUPPLY	1000050529	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPE OF TOWERS, TOWER Å, (COMPLETE) WITH PACK WASHERS, INCLUDING BOLTS & NUTS FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DB2 (UP TO +9M EXTENSION)	EA	34	33,823.00	11,49,982.00

Sl. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
25	7000011063	290	FABRICATION AND SUPPLY	1000050528	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPEOF TOWERS, TOWERĀ, (COMPLETE) WITH PACK WASHERS,INCLUDING BOLTS & NUTSFOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DB2 (FOR +18/25M EXTENSION)	EA	6	38,896.00	2,33,376.00
26	7000011063	300	FABRICATION AND SUPPLY	1000050532	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPEOF TOWERS, TOWERĀ, (COMPLETE) WITH PACK WASHERS,INCLUDING BOLTS & NUTSFOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DC1 (UP TO +9M EXTENSION)	EA	20	47,251.00	9,45,020.00
27	7000011063	310	FABRICATION AND SUPPLY	1000050531	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPEOF TOWERS, TOWERĀ, (COMPLETE) WITH PACK WASHERS,INCLUDING BOLTS & NUTSFOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DC1 (FOR +18/25M EXTENSION)	EA	3	48,180.00	1,44,540.00
28	7000011063	320	FABRICATION AND SUPPLY	1000050535	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPEOF TOWERS, TOWERĀ, (COMPLETE) WITH PACK WASHERS,INCLUDING BOLTS & NUTSFOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DC2 (UP TO +9M EXTENSION)	EA	15	47,251.00	7,08,765.00
29	7000011063	330	FABRICATION AND SUPPLY	1000050537	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPEOF TOWERS, TOWERĀ, (COMPLETE) WITH PACK WASHERS,INCLUDING BOLTS & NUTSFOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DD45 (FOR +18/25M EXTENSION)	EA	6	58,706.00	3,52,236.00

Sl. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
30	7000011063	340	FABRICATION AND SUPPLY	1000050540	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPEOF TOWERS, TOWERĀ, (COMPLETE) WITH PACK WASHERS,INCLUDING BOLTS & NUTSFOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DD45 (UP TO +9M EXTENSION)	EA	18	50,370.00	9,06,660.00
31	7000011063	350	FABRICATION AND SUPPLY	1000050545	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPEOF TOWERS, TOWERĀ, (COMPLETE) WITH PACK WASHERS,INCLUDING BOLTS & NUTSFOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DD60 (UP TO +9M EXTENSION)	EA	23	50,370.00	11,58,510.00
32	7000011063	360	FABRICATION AND SUPPLY	1000050542	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF STUBS & CLEATS FOR VARIOUS TYPEOF TOWERS, TOWERĀ, (COMPLETE) WITH PACK WASHERS,INCLUDING BOLTS & NUTSFOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DD60 (FOR +18/25M EXTENSION)	EA	3	64,576.00	1,93,728.00
33	7000011063	370	FABRICATION AND SUPPLY	1000050493	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Ā, INCLUDINGĀ, BOLTS &NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DC1+3M EXTENSION.	EA	1	11,71,618.00	11,71,618.00
34	7000011063	380	FABRICATION AND SUPPLY	1000050495	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Ā, INCLUDINGĀ, BOLTS &NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FORPLAIN TERRAIN; TOWER TYPE DC1+9M EXTENSION.	EA	2	15,16,503.00	30,33,006.00

Sl. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
35	7000011063	390	FABRICATION AND SUPPLY	1000050502	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DC2+9M EXTENSION.	EA	3	16,01,087.00	48,03,261.00
36	7000011063	410	FABRICATION AND SUPPLY	1000050506	73082011	18.00%	FABRICATION, GALVANISING AND SUPPLY OF VARIOUS TYPE OF TOWER & TOWERPARTS, TOWER EXTENSIONS (COMPLETE) Å, INCLUDING Å, BOLTS & NUTS, STEPBOLTS, HANGERS, D-SHACKLES, PACK WASHER ETC AND EXCLUDING STUB FOR 400KV D/C (TWIN HTLS) NORMAL TOWERS (WZ4) DESIGNED IS 802-2015 FOR PLAIN TERRAIN; TOWER TYPE DD45+25M EXTENSION.	EA	4	28,70,494.00	1,14,81,976.00
37	7000011063	440	EARTHING OF TOWERS	1000017587	73082011	18.00%	Supply of Pipe Type Earthing	EA	319	2,985.00	9,52,215.00
38	7000011063	450	EARTHING OF TOWERS	1000010003	73082011	18.00%	Supply of Counterpoise type (120 m length)	EA	30	9,109.00	2,73,270.00
39	7000011063	460	EARTHING OF TOWERS	1000038340	73082011	18.00%	ROD TYPE EARTHING	EA	319	3,558.00	11,35,002.00
40	7000011063	470	EARTHING OF TOWERS	1000045872	73082011	18.00%	COUNTERPOISE TYPE CHEMICAL EARTHING	EA	13	12,158.00	1,58,054.00
41	7000011063	480	EARTHING OF TOWERS	1000019718	73082011	18.00%	Supply of Shieldwire Earthing including PG clamps, downlead clamps but excluding Earthwire bits for Pipe type earthing	EA	17	17,331.00	2,94,627.00
42	7000011063	490	EARTHING OF TOWERS	1000019717	73082011	18.00%	Supply of Shieldwire Earthing including PG clamps, downlead clamps but excluding Earthwire bits for Counterpoise type earthing	EA	3	23,417.00	70,251.00
43	7000011063	500	EARTHING OF TOWERS	1000048809	73082011	18.00%	SUPPLY OF CHEMICAL EARTHING: COUNTERPOISE TYPE (280M LENGTH)	EA	5	14,295.00	71,475.00
44	7000011063	510	EARTHING OF TOWERS	1000045873	73082011	18.00%	PIPE TYPE CHEMICAL EARTHING	EA	1	11,482.00	11,482.00
45	7000011063	520	TOWER ACCESSORIES	1000010539	73082011	18.00%	Danger Plate for 400kV	EA	368	202.00	74,336.00
46	7000011063	530	TOWER ACCESSORIES	1000015971	73082011	18.00%	Number Plate for 400kV	EA	368	202.00	74,336.00

SI. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
47	7000011063	540	TOWER ACCESSORIES	1000017508	73082011	18.00%	Phase Plate (Set of three)	SET	736	143.00	1,05,248.00
48	7000011063	550	TOWER ACCESSORIES	1000009119	73082011	18.00%	Circuit Plate (Set of two)	SET	368	143.00	52,624.00
49	7000011063	560	TOWER ACCESSORIES	1000006779	73082011	18.00%	Supply of Anti-Climbing Devices of Barbed Wire Type	SET	368	8,719.00	32,08,592.00
50	7000011063	570	TOWER ACCESSORIES	1000007735	73082011	18.00%	Bird Guard (Set of Three)	SET	452	1,424.00	6,43,648.00
51	7000011063	580	CONDUCTOR	1000036834	76149000	18.00%	HTLS MOOSE CONDUCTOR	KM	1636	3,89,623.00	63,74,23,228.00
52	7000011063	590	CONDUCTOR	1000036834	76149000	18.00%	HTLS MOOSE CONDUCTOR	KM	8	3,89,623.00	31,16,984.00
53	7000011063	600	Earthwire	1000030841	73121020	18.00%	7/3.66 G.S. EARTHWIRE	KM	137	52,465.00	71,87,705.00
54	7000011063	610	Earthwire	1000030841	73121020	18.00%	7/3.66 G.S. EARTHWIRE	KM	1	52,465.00	52,465.00
55	7000011063	620	HARDWARE FITTINGS	1000019805	73082011	18.00%	Hardware Fittings for Twin HTLS Conductor-Single "I" Suspension String(without clamps)	SET	1356	2,494.00	33,81,864.00
56	7000011063	630	HARDWARE FITTINGS	1000019805	73082011	18.00%	Hardware Fittings for Twin HTLS Conductor-Single "I" Suspension String(without clamps)	SET	25	2,494.00	62,350.00
57	7000011063	640	HARDWARE FITTINGS	1000010803	73082011	18.00%	Hardware Fittings for Twin HTLS Conductor-Double Tension String(without clamps)	SET	1714	7,129.00	1,22,19,106.00
58	7000011063	650	HARDWARE FITTINGS	1000019826	73082011	18.00%	Hardware Fittings for Twin HTLS Conductor-Single Tension String(without clamps)	SET	8	4,107.00	32,856.00
59	7000011063	660	HARDWARE FITTINGS	1000019783	73082011	18.00%	Hardware Fittings for Twin HTLS Conductor-Single I Suspension String(Pilot)(without clamps)	SET	149	22,260.00	33,16,740.00
60	7000011063	670	HARDWARE FITTINGS	1000036855	73082011	18.00%	SUSPENSION CLAMP (FREE CENTRE TYPE SUSPENSION CLAMP ALONG WITH PREFORMED ARMOUR RODS OR ARMOUR GRIP SUSPENSION CLAMP) SUITABLE FOR SUSPENSION INSULATOR STRING FOR HTLS MOOSE CONDUCTOR	EA	2712	5,735.00	1,55,53,320.00



SI. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
61	7000011063	680	HARDWARE FITTINGS	1000036855	73082011	18.00%	SUSPENSION CLAMP (FREE CENTRE TYPE SUSPENSION CLAMP ALONGWITHPREFORMED ARMOUR RODS OR ARMOUR GRIP SUSPENSION CLAMP) SUITABLE FORSUSPENSION INSULATOR STRING FOR HTLS MOOSE CONDUCTOR	EA	8	5,735.00	45,880.00
62	7000011063	690	HARDWARE FITTINGS	1000036825	73082011	18.00%	DEAD END CLAMP SUITABLE FOR TENSION INSULATOR STRING FOR HTLS MOOSECONDUCTOR	EA	3413	2,559.00	87,33,867.00
63	7000011063	700	HARDWARE FITTINGS	1000036856	73082011	18.00%	SUSPENSION CLAMP SUITABLE FOR SUSPENSION PILOT INSULATOR STRING FORHTLS MOOSE CONDUCTOR	EA	290	1,446.00	4,19,340.00
64	7000011063	710	CONDUCTOR ACCESSORIES (HTLS MOOSE)	1000036839	76169990	18.00%	MID SPAN COMPRESSION JOINT FOR HTLS MOOSE CONDUCTOR	EA	857	2,562.00	21,95,634.00
65	7000011063	720	CONDUCTOR ACCESSORIES (HTLS MOOSE)	1000036839	76169990	18.00%	MID SPAN COMPRESSION JOINT FOR HTLS MOOSE CONDUCTOR	EA	5	2,562.00	12,810.00
66	7000011063	730	CONDUCTOR ACCESSORIES (HTLS MOOSE)	1000036851	76169990	18.00%	REPAIR SLEEVE FOR HTLS MOOSE CONDUCTOR	EA	286	391.00	1,11,826.00
67	7000011063	740	CONDUCTOR ACCESSORIES (HTLS MOOSE)	1000036851	76169990	18.00%	REPAIR SLEEVE FOR HTLS MOOSE CONDUCTOR	EA	5	391.00	1,955.00
68	7000011063	750	CONDUCTOR ACCESSORIES (HTLS MOOSE)	1000036854	76169990	18.00%	SPACER DAMPER FOR HTLS MOOSE CONDUCTOR	EA	15456	1,692.00	2,61,51,552.00
69	7000011063	760	CONDUCTOR ACCESSORIES (HTLS MOOSE)	1000036854	76169990	18.00%	SPACER DAMPER FOR HTLS MOOSE CONDUCTOR	EA	50	1,692.00	84,600.00
70	7000011063	770	CONDUCTOR ACCESSORIES (HTLS MOOSE)	1000036852	76169990	18.00%	RIGID SPACER FOR HTLS MOOSE CONDUCTOR	EA	2556	356.00	9,09,936.00
71	7000011063	780	CONDUCTOR ACCESSORIES (HTLS MOOSE)	1000036852	76169990	18.00%	RIGID SPACER FOR HTLS MOOSE CONDUCTOR	EA	4	356.00	1,424.00

Sl. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
72	7000011071	10	CONDUCTOR ACCESSORIES (HTLS MOOSE)	1000050790	73082011	18.00%	T-CONNECTOR FOR HTLS MOOSE CONDUCTOR	EA	64	1,056.00	67,584.00
73	7000011063	810	Earthwire Accessories	1000015505	73082011	18.00%	Mid Span Compression Joint -7/3.66mm Earth Wire	EA	75	168.00	12,600.00
74	7000011063	830	Earthwire Accessories	1000028485	76169990	18.00%	FLEXIBLE AL BOND-7/3.66MM E/W	EA	510	106.00	54,060.00
75	7000011063	850	Earthwire Accessories	1000022420	73082011	18.00%	Vibration damper -7/3.66mm Earth Wire	EA	1020	334.00	3,40,680.00
76	7000011063	870	Earthwire Accessories	1000020447	73082011	18.00%	Suspension clamp assembly -7/3.66mm Earth Wire	EA	226	562.00	1,27,012.00
77	7000011063	890	Earthwire Accessories	1000020991	73082011	18.00%	Tension clamp assembly-7/3.66mm Earth Wire	EA	284	572.00	1,62,448.00
78	7000011063	910	INSULATOR (CLR)	1000009325	85469090	18.00%	Composite long rod Insulators for 400kV Transmission Line-120 KN(Length-3335 mm, Creepage-13020 mm)	EA	1508	5,956.00	89,81,648.00
79	7000011063	920	INSULATOR (CLR)	1000009325	85469090	18.00%	Composite long rod Insulators for 400kV Transmission Line-120 KN(Length-3335 mm, Creepage-13020 mm)	EA	25	5,956.00	1,48,900.00
80	7000011063	930	INSULATOR (CLR)	1000009328	85469090	18.00%	Composite long rod Insulators for 400kV Transmission Line-160 KN(Length-3910 mm, Creepage-13020 mm)	EA	3408	6,563.00	2,23,66,704.00
81	7000011063	940	INSULATOR (CLR)	1000009328	85469090	18.00%	Composite long rod Insulators for 400kV Transmission Line-160 KN(Length-3910 mm, Creepage-13020 mm)	EA	15	6,563.00	98,445.00
82	7000011063	950	AVIATION REQUIREMENTS	1000019903	73082011	18.00%	Supply of Span Marker for Aviation	EA	4	4,570.00	18,280.00
83	7000011063	960	AVIATION REQUIREMENTS	1000016663	85391000	18.00%	Supply of Obstruction Lights (as per IS5613)-1 Medium Intensity + 2 LowIntensity	SET	4	72,758.00	2,91,032.00
84	7000011063	1130	Supply: OPGW	1000030940	85447090	18.00%	24 FIBRE (DWSM) OPGW FIBRE OPTIC CABLE	KM	141.72	1,06,283.00	1,50,62,426.76
85	7000011063	1140	Supply: OPGW	1000020444	82057000	18.00%	Suspension clamp assembly for 24 fibre OPGW	EA	225	3,428.00	7,71,300.00
86	7000011063	1150	Supply: OPGW	1000031041	82057000	18.00%	TENSION FITTINGS ASSEMBLY ON SUSPENSION TOWER FOR 24F OPGW INCLUDING ALL ACCESSORIES AT JOINT BOX (SPLICING) LOCATION	SET	1	3,200.00	3,200.00

Sl. No.	PR No	PR Line Item No	Activity Description	Material Code	HSN Code	Rate of GST applicable (in %)	Item Description	Unit	Qty.	Unit Ex-Works Price (excluding GST)	Total Ex-Works Price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12 = 10 X 11
87	7000011063	1160	Supply: OPGW	1000031039	82057000	18.00%	TENSION FITTINGS ASSEMBLY FOR 24F OPGW INCLUDING ALL ACCESSORIES FOR JOINT BOX (SPlicing) LOCATION	SET	28	6,400.00	1,79,200.00
88	7000011063	1170	Supply: OPGW	1000033146	82057000	18.00%	TENSION ASSEMBLY - DOUBLE TENSION PASS THROUGH ASSEMBLY FOR 24 FIBEROPGW	SET	112	6,400.00	7,16,800.00
89	7000011063	1180	Supply: OPGW	1000022417	82057000	18.00%	Vibration Damper for 24 fibre OPGW	EA	1020	686.00	6,99,720.00
90	7000011063	1190	Supply: OPGW	1000010817	82057000	18.00%	Down Lead clamp Assembly for 24 fibre OPGW	EA	1000	343.00	3,43,000.00
91	7000011063	1200	Supply: OPGW	1000014198	85353090	18.00%	Joint Box for 24 fibre OPGW	EA	30	7,429.00	2,22,870.00
92	7000011063	1290	Supply: OPGW	1000033144	82057000	18.00%	TENSION ASSEMBLY - DEAD END FOR 24 FIBER OPGW	SET	2	3,207.00	6,414.00
<b>Employer designed Gantry Structures</b>											
93	7000011063	980	FABRICATION AND SUPPLY (MT)	1000015274	73082011	18.00%	Fabrication, galvanising & supply of various types of towers & towerparts, tower/leg extensions (complete) excluding step bolt, stubs and bolts & nuts but including hangers, D-Shackles, pack washers etc.-MSSteel for Normal Towers	MT	80	67,651.00	54,12,080.00
94	7000011063	990	FABRICATION AND SUPPLY (MT)	1000013472	73181500	18.00%	Supply of Hexagonal Bolts & Nuts for towers including Step Bolts, Spring Washers etc.	MT	3	96,319.00	2,88,957.00
<b>Total Appendix-10A</b>											<b>1,16,47,30,765.00</b>

