

**Name of the Work - Extension/ erection of HT Overhead Line of 6.6KV of feeder No.- 7  
(Route length for erection approx. 420 mtr) at DLF patch of Rajrappa Project.**

ITC Available

SI No	Description	Quantity	Units	Rate
1	Erection of metallic pole of length Above 11.00 metre and upto 12.00 metre, in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.	10	Nos.	
1.1	Labour cost for loading, unloading of metallic poles, conductors etc. for transportation from store to site (vice - versa). (Truck will be provided departmentally).	10	Nos.	
2	Supplying and erection of stay set complete (galvanised) with 19/20 mm dia X 1.8 metres long stay rod, anchor plate of size 45 cmX 45 cm X 7.5 mm, thimble, stay clamps, turn buckle ( 20 mm X 60cm ), 7/ 3.15 mm dia G.I. stay wire and strain insulator etc in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.	10	Sets	
3	Supplying of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per metre) pole top bracket/ cross arm for <b>single 11 KV over head line conductor</b> complete with 50 mm X 6mm flat iron clamp, bolts, nuts and washers including drilling holes for insulator pins, bolts and nuts etc and painting with primer and finish paint as required.	4	Nos.	
4	Supplying of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per metre) cross arm for <b>two 11 KV over head line conductors</b> complete with 50 mm X 50 mm X 6 mm (angle iron bracket welded to the channel iron and complete with 50 mm X 6mm M.S. flat iron clamps, bolts and nuts including drilling holes for insulator pins, bolts, nuts and washers etc (as per drawing) and painting with primer and finish paint as required.	4	Set	
5	Supplying of two lengths of channel iron 75 mm X 40 mm X 6 mm(7.14 kg per metre) <b>double pole cross arm for three wire 11KV over head line conductors</b> complete with through bolts and nuts for clamping to the poles, 50 mm X 6 mm M.S. flats welded on one side to the channel iron and with bolts and nuts on the other side for tying the cross arms together, including drilling holes for insulator pins/ fittings, bolts, nuts and washers etc (as per drawing) and painting with primer and finish paint as required.	5	Sets	
6	Erection of double pole 3 wire cross arm for 11KV/ 22KV/ 33 KV over head lines as required.	5	Sets	
7	Erection of pole top/straight two wire/V shape two wire, angle iron/channel iron, cross arm on steel tubular/ rail/ PCC pole for 11/22/33 KV as required. ( including 6 set cradle bracket)	15	Sets	
8	Supplying and erection of 11 KV disc insulator for 11 KV over head lines with galvanised insulator fittings, ball and socket type and complete with galvanised strain clamps, bolts, nuts, washers etc. as required.	18	Sets	

9	Supplying and erection of 11 KV pin insulator complete with large steel head G.I. pin, nuts, washers etc. as required.	20	Sets	
10	Erection/ Tensioning of all aluminium conductor of 7/3.40 mm to 7/4.00 mm diameter and above including binding etc. as required. (Route length for erection approx. 420m).	453.79	Kg	
11	Erection of all aluminium conductor of 7/1.96 mm to 7/3.10 mm diameter including binding etc. as required. [For earth wire. (Approx. route length=420 mtr)].	65.709	Kg	
12	Supply of 8 SWG GI wire for Cradling.	186	Kg	
13	Erection of Cradle Guard 3 Wire. (4 nos. of spans).	236	Nos.	
14	Safe earthing electrode consisting pipe-in-pipe technology; 2 Metre G.I. pipe, outer dia 50 mm	7	Each	
15	Providing and fixing 25mmX5mm GI. Strip on surface or in recess for connections etc. as required.	14	Mtr	
16	<b>Total impact of gst</b>	1	no	
17	<b>Total</b>	1	no	