

WORK SCHEDULE/BAR CHART FOR 220 KV/ 132 KV/33 KV SUB-STATION PROJECT COMPLETION PERIOD: 30 MONTHS

SL.	Description	Months																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
1	Signing of Contract Agreement by CPC	█																															
2	Submission of detail Project Schedule by Contractor	█																															
3	Approval of Project Schedule		█																														
4	Handing over Land to Contractor	█																															
5	Mobilization Advance		█																														
6	Approval of Sub Vendor/sub contractor			█																													
7	Levelling of Land		█																														
8	Soil Investigation		█																														
9	Master Plan Preparation		█																														
10	Submission of Drawing submission schedule		█																														
11	Submission of Drawing		█	█																													
12	Drawing Approval			█	█	█	█																										
13	Submission of Inspection schedule			█	█																												
14	Inspection of materials					█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
15	Despatch of materials						█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
16	Sub station Lay-out		█																														

49	Commissioning																														
50	Material Reconciliation & handing over of S/s																														

WORK SCHEDULE/BAR CHART FOR 220 KV/ 132 KV/33 KV SUB-STATION PROJECT COMPLETION PERIOD:24 MONTHS

SL.	Description	Months																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Signing of Contract Agreement by CPC	█																							
2	Submission of detail Project Schedule by Contractor	█																							
3	Approval of Project Schedule		█																						
4	Handing over Land to Contractor	█																							
5	Mobilization Advance		█																						
6	Approval of Sub Vendor/sub contractor			█																					
7	Levelling of Land		█	█																					
8	Soil Investigation		█	█																					
9	Master Plan Preparation		█	█																					
10	Submission of Drawing submission schedule	█																							
11	Submission of Drawing		█	█	█																				
12	Drawing Approval			█	█	█	█	█																	
13	Submission of Inspection schedule		█	█	█																				
14	Inspection of materials					█	█	█	█	█	█	█	█	█	█	█	█	█							
15	Despatch of materials					█	█	█	█	█	█	█	█	█	█	█	█	█	█						
16	Sub station Lay-out		█	█																					

17	Construction Power and water Supply																																														
18	Construction of Boundary wall, Site Store, Site Office & Security shed etc.																																														
19	Control Room With Office Building																																														
20	<i>Foundation of Column</i>																																														
21	<i>Erection of Column and Beam</i>																																														
22	<i>Foundation of Equipment</i>																																														
23	<i>Erection of Equipment Structures</i>																																														
24	<i>Bus Bar Stringing, Jumpering, Equipment Connection</i>																																														
25	<i>Installation of Equipment</i>																																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																						
26	<i>Earthmat Laying and Earthing</i>																																														
27	<i>Cable Trench</i>																																														
28	<i>Cable Laying and Termination</i>																																														
29	<i>Foundation & Erection of Station Transformer</i>																																														
30	<i>Sand & Metal spreading / Site surfacing</i>																																														
31	<i>Transformer Foundation</i>																																														
32	<i>Erection of Transformer.</i>																																														

WORK SCHEDULE/BAR CHART FOR 220 KV/ 132 KV/33 KV SUB-STATION PROJECT COMPLETION PERIOD: 18 MONTHS																			
SL.	Description	Months																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Signing of Contract Agreement by CPC	█																	
2	Submission of detail Project Schedule by Contractor	█																	
3	Approval of Project Schedule		█																
4	Handing over Land to Contractor	█																	
5	Mobilization Advance		█																
6	Approval of Sub Vendor/sub contractor			█															
7	Levelling of Land		█																
8	Soil Investigation		█																
9	Master Plan Preparation		█																
10	Submission of Drawing submission schedule	█																	
11	Submission of Drawing		█	█															
12	Drawing Approval			█	█	█													
13	Submission of Inspection schedule		█	█	█														
14	Inspection of materials				█	█	█	█	█	█	█								
15	Despatch of materials					█	█	█	█	█	█	█							
16	Sub station Lay-out		█																

17	Construction Power and water Supply																		
18	Construction of Boundary wall, Site Store, Site Office & security shed etc.																		
19	Control Room With Office Building																		
20	Foundation of Column																		
21	Erection of Column and Beam																		
22	Foundation of Equipment																		
23	Erection of Equipment Structures																		
24	Bus Bar Stringing, Jumpering, Equipment Connection																		
25	Installation of Equipment																		
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26	Earthmat Laying and Earthing																		
27	Cable Trench																		
28	Cable Laying and Termination																		
29	Foundation & Erection of Station Transformer																		

30	Sand & Metal spreading/ Site surfacing																				
31	Transformer Foundation																				
32	Erection of Transformer.																				
33	Supply & Erection of Fire fighting system																				
34	Switch Yard Illumination																				
35	Switch Yard Fencing																				
36	A/c system																				
37	Erection of C. R. Panel																				
38	Installation of Battery with Charger																				
39	Erection of A.C.D.B. and D.C.D.B.																				
40	Installation of PLCC Equipments																				
41	Illumination of Control Room																				
42	Road																				
43	Quarters																				
44	Drainage system/Rain harvesting																				
45	Plantation																				
46	Testing																				
47	Inspection																				
48	Metering																				

49	Commissioning																		
50	Material Reconciliation & handing over of S/s																		

WORK SCHEDULE /BAR CHART FOR 220 KV/132 KV TRANSMISSION LINE PROJECT COMPLETION PERIOD:30 MONTHS																																
SL.	Description	Months																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1	Signing of Contract Agreement	█																														
2	Submission of Project Schedule by Contractor	█																														
3	Approval of Project Schedule		█																													
4	Mobilization Advance		█																													
5	Check Survey (Land Schedule and Profile Plotting if necessary)			█	█	█																										
6	Approval of Sub Vendor			█	█	█	█																									
7	Drawing Submission				█	█	█	█																								
8	Drawing Approval					█	█	█	█																							
9	Submission of Inspection schedule					█																										
10	Supply of Line Materials																															
10.1	Stubs							█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
10.2	Tower Structure									█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
10.3	Insulators and Hardware																	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
10.4	Conductors and Accessories																															
11	Erection Activities																															

11.1	Foundation																																							
11.2	Earthing																																							
11.3	Erection of Towers																																							
11.4	Punching/Welding of Towers (Bolt and Nut)																																							
11.5	Tower Accessories Fitting																																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
12	Stringing																																							
12.1	Conductor and E/W Stringing including Fixing of Accessories																																							
13	Revetment/Stone Pitching for protection of Tower Base.																																							
14	Statutory Inspection of Line																																							
15	Rectification of Defects noticed during Inspection																																							
16	Testing																																							
17	Charging of line																																							
18	Reconciliation of material and final handing over																																							

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9	Submission of Inspection schedule			█																					
10	Supply of Line Materials																								
10.1	Stubs				█	█	█	█	█	█															
10.2	Tower Structure				█	█	█	█	█	█	█	█	█	█											
10.3	Insulators and Hardware										█	█	█	█											
10.4	Conductors and Accessories										█	█	█	█											
11	Erection Activities																								

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7	Drawing Submission		■	■	■													
8	Drawing Approval		■	■	■	■												
9	Submission of Inspection schedule			■														
10	Supply of Line Materials																	
10.1	Stubs				■	■	■	■										
10.2	Tower Structure					■	■	■	■	■								
10.3	Insulators and Hardware							■	■	■								
10.4	Conductors and Accessories							■	■	■								
11	Erection Activities																	
11.1	<i>Foundation</i>					■	■	■	■	■	■							
11.2	<i>Earthing</i>					■	■	■	■	■	■							

11.3	<i>Erection of Towers</i>																		
11.4	<i>Punching/Welding of Towers (Bolt and Nut)</i>																		
11.5	<i>Tower Accessories Fitting</i>																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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