

Construction Schedule of RATLE HE PROJECT.(J&K)																																																																
S. No.	DETAIL OF WORK	2012-13						2013-14						2014-15						2015-16						2016-17																																						
		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	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60			
		Months																																																														
A	INFRASTRUCTURE WORKS	Finalization of Technical specs,BOQ	Start & Finish	Contart Award & Construction Months																																																												
MAIN CIVIL WORKS																																																																
A 1113	Award of All Packages		01-Feb-12	1																																																												
A 1115	Mobilization of equipment		28 Feb - 31 Mar 2012	2																																																												
A 1116	Start of works		01-Apr-12	-																																																												
RIVER DIVERSION																																																																
	Portal Establishment Inlet- Outlet		Apr 12- 28 Feb 2013	11	-----																																																											
A 1117	Excavation of DT-1 @3m/day-2 faces	550m	1 May- Jul 2012	3																																																												
A 1119	Concrete Lining DT-1@10m/day - 2 faces	550m	1 Aug- Sept 2012	2																																																												
A 1120	Excavation DT-2	460m	1 Aug- Sept 2012	2	some part to be done overlapping with Benching Excavation																																																											
A 1121	Concrete Lining DT-2	460m	1 Oct- Nov 2012	2	some part to be done overlapping with Benching Excavation																																																											
A 1022	Intake Structure & Erection of Gates		1 Dec- Jan 2013	2																																																												
A 1023	Construction of u/s & d/s Coffe dyke/ dams		1 Jan- Mar 2013	3																																																												
2	Diversion of River		28-Feb-13	1																																																												
CONSTRUCTION OF DAM																																																																
A 1026	Strippingn of abutments	554 Tcum	Apr -12 to Feb-13	12																																																												
A 1027	River bed level excavation	205 Tcum	Mar-13 - Apr-13	2																																																												
A 1028	Foundation Treatment		Apr 13 - Apr 13	1																																																												
A 1029	Foundation Grouting		Apr 13 - May 13	2																																																												
A 1030	River Bed Concreting -el 920	144 Tcum	Apr 13 - Jun 13	3																																																												
A 1031	Concreting upto Spillway el 985	937 Tcum	Jul 13 -Jun15	15																																																												
A 1032	Concreting up to Dam top el 1031	325 Tcum	Jul 15 - Jun 16	12																																																												
A 1033	Erection of Gate & other HM items		Jun15 - Aug 16	15																																																												
PLUNGE POOL																																																																
A 1040	Excavation	370 T cum	Dec 14- Apr 15	5																																																												
A 1042	Concreting		May 15- Feb 16	7																																																												
INTAKE STRUCTURE																																																																
A 1050	Excavation	75 T cum	Apr12- Jun 2012	3																																																												
A 1051	Concreting Intake structure-1&2	13 T cum	Nov 13-Jun 14	8																																																												
A 1052	Concreting Intake structure-3&4	13 T cum	Nov 14- Jun 15	8																																																												
A 1053	Concreting 30 MW Unit	6000 cum	Nov 15- Jun 16	8																																																												
A 1054	Gate Erection		Nov 14- Jul 16	10																																																												

POWER HOUSE PACKAGE				
PRESSURE SHAFT i/c Lining etc.				
B 1000	Excavation PS-1	211m	Jul 12- Oct 12	4
B1010	Excavation PS-2	197m	Jul12- Oct 12	4
B1011	Excavation PS-3	184m	Nov 12- Feb 13	4
B1012	Excavation PS-4	172m	Nov12- Feb13	4
B1013	Excavation PS-5 for 30 MW	162m	Nov12- Feb 13	4
B1014	Lining PS-1	211m	Nov 12 - Jan13	3
B1015	Lining PS-2	197m	Nov12- Jan13	3
B1016	Lining PS-3	184m	Mar13- May 13	3
B1017	Lining PS-4	172m	Mar 13- May 13	3
B1018	Lining PS-5	162m	Mar 13- May 13	3
POWER HOUSE ACCESSES				
B 1100	Adit to PH Crown Portal		Apr12- 15 May 12	1.5
B1010	Adit to PH Crown	260m	15May- 15 sept 12	4
B1011	Adit to Surge Shaft Chamber	139m	Jul 12- 15 Sept 12	2.5
B1012	Adit to Transformer Gallery	130m	15 Jul- Sept 12	2.5
B1013	MAT Portal		Apr12- 15 May 12	1.5
B1014	MAT Excavation	460m	15 May- 15 Oct 12	5
POWER HOUSE				
B1015	Central gully	167m	16 May- Jul 12	2.5
B1016	Side Slashing	167m	Aug12- Oct 12	3
B1017	Excavation upto Service Bay Floor	76 T cum	Nov 12- Feb 13	4
B1018	Excavation upto el 908.7m	67 Tcum	Mar13- Jun 13	4
B1019	Excavation upto el 900.5m	30 T cum	Jul 13- Aug 13	2
B1020	Concreting Service bay i/c crane beam		Mar13- Jun 13	4
B1021	Erection of EOT Crane		Jul 13- Aug 13	2
B1022	Conc unit1 i/c E&M works		Aug 13 - Jul 15	24
B1023	Conc Unit 2 i/c E&M works		Oct 13- Sept 15	24
B1024	Conc Unit 3 i/c E&M works		Dec13 - Nov 15	24
B1025	Conc Unit 4 i/c E&M works		Feb 14 - Jan 16	24
B1026	Conc Unit 30 MW i/c E&M works		Apr 14 - Mar 16	24
B1027	Boxing up all units		Aug 15 - May 16	10
B1028	Erection of Aux Equipment and Testing	all units	Oct 15 - Jul 16	10
B1029	Commissioning	all units	Jan 16- Sept 16	10
TRANSFORMER CAVERN				
B 1100	Excavation	43 T cum	Oct 12- Jul 13	10
B1110	Concreting		Aug 13- Jul 14	12
B1111	Transformer Erection		Aug 14 - Jul 15	12
B1112	Testing & Commissioning		Aug 15 to Jul 16	12
SURGE CHAMBER				
B 1200	Excavation		Oct 12 - Nov 13	14
B 1201	Concreting		Dec 13 - Jul 15	20
B 1202	HM works & Erection of Gates		Aug 15 -Jul 16	12
TAIL RACE TUNNELS				
B 1300	Portal Establishment - Outlet		Oct 12- Mar 13	6
B 1301	Excavation TRT 1	394m	Apr 13- Aug 13	5
B 1302	Excavation TRT 2	369m	Apr 13- Aug 13	5
B 1303	Excavation TRT 3	349m	Aug 13-Dec 13	5
B 1304	Excavation TRT 4	330m	Sept 13- Dec 13	4
B 1305	Excavation TRT 5	290m	Oct 13- Jan 14	4
B 1306	Concreting TRT 1	394m	Sept 13- Oct 13	2
B 1307	Concreting TRT 2	369m	Nov 13- Dec 13	2
B 1308	Concreting TRT 3	349m	Jan 14- Feb 14	2
B 1309	Concreting TRT 4	330m	Mar 14- Apr 14	2
B 1310	Concreting TRT 5	290m	May 14- Jun 14	2
B 1311	Outlet Concreting		Jul 14 - Jun 15	8
B 1312	Grouting & Cleaning		Jul 15- Sept 15	3
B 1313	Gate Erection		Oct 15 to Mar 16	6
POTHEAD YARD				
B 1400	Excavation, support and Equipment		Dec 13- Jul 16	32