

## Appendix – 10A(Revised-Rev-II)

### GUARANTEED COMPLETION SCHEDULE FOR COAL HANDLING PLANT

(On Bid acceptance and Contract finalization, this Appendix, shall be incorporated as Appendix C of the Contract)

Bidder shall indicate the completion schedule in table below for the EPC of CHP at Manoharpur mines, which shall match with the Owner's requirements of schedule for Substantial Completion of CHP.

Contractor assures the completion schedule for CHP as below in Table.

**Table: Deliverables**

<u>Sl No.</u>	<u>Milestones</u>	<u>Guaranteed Completion Date From NTP (Days)</u>
<b><u>PACKAGE-I: CHP MAIN PACKAGE</u></b>		
<b>A.</b>	<b>RECEIVING PIT COMPLEX</b>	<b>430 Days</b>
1	Preparation of Drawings / Documents	
2	Review & Approval of Vendor's DOC / DWG	
3	Civil & Structural Work	
4	Erection of Equipment	
5	Pre-Commissioning & No Load Test	
<b>B</b>	<b>TRANSFER HOUSE AND CONVEYORS</b>	<b>365 Days</b>
1	Preparation of Drawings / Documents	
2	Review & Approval of Vendor's DOC / DWG	
3	Civil & Structural Work	
4	Erection of Equipment	
5	Pre-Commissioning & No Load Test	
<b>C</b>	<b>RCC OVER GROUND BUNKER WITH EQUIPMENTS</b>	<b>540 Days</b>
1	Preparation of Drawings / Documents	
2	Review & Approval of Vendor's DOC / DWG	
3	Civil & Structural Work	
4	Erection of Equipment	
5	Pre-Commissioning & No Load Test	
<b>D</b>	<b>RAPID LOADING SYSTEM</b>	<b>450 Days</b>
1	Preparation of Drawings / Documents	
2	Review & Approval of Vendor's DOC / DWG	
3	Civil & Structural Work	
4	Erection of Equipment	

5	Pre-Commissioning & No Load Test	
6	Commissioning & Load Test	
7	Performance Guarantee / Final Accept	
8	Submission of As-built drawing	
<b>E</b>	<b>POWER SUPPLY &amp; DISTRIBUTION SYSTEM</b>	<b>365 Days</b>
1	Preparation of Drawings / Documents	
2	Review & Approval of Vendor's DOC / DWG	
3	Civil & Structural Work	
4	Mine End CHP Sub Station and Control Room	
5	Main Sub Station	
6	Receiving Pit Sub Station	
7	RLS Sub-Station	
8	Erection of Electrical Equipment	
9	Pre-Commissioning & No Load Test	
10	Commissioning & Load Test	
11	Performance Guarantee / Final Accept	
12	Submission of As-built drawing	
<b>F</b>	<b>WORK SHOP FOR MINES</b>	<b>365 Days</b>
<b>G</b>	<b>UTILITY AND OTHER MISCELLANEOUS ITEMS</b>	<b>450 Days</b>
1	Preparation of Drawings / Documents	
2	Review & Approval of Vendor's DOC / DWG	
3	Civil & Structural Work	
4	Erection of Equipment	
5	Pre-Commissioning & No Load Test	
6	Commissioning & Load Test	
7	Performance Guarantee / Final Accept	
8	Submission of As-built drawing	
<b>H</b>	<b>2 Nos ROAD WEIGH BRIDGE INCLUDING CONTROL ROOM</b>	<b>180 Days</b>
1	Preparation of Drawings / Documents	
2	Review & Approval of Vendor's DOC / DWG	
3	Construction of pit less foundation	
4	Completion of Construction of Weigh Bridge Control Room	
5	Installation of Weigh Bridges	
6	Calibration & Certifications by weights and measures department.	

<b><u>PACKAGE-II: ALLIED INFRASTRURE PACKAGE</u></b>		
<b>I</b>	<b>INFRASTRUCTURE CONSTRUCTION</b>	<b>450 Days</b>
1	Portable Water Treatment Plant, Reservoir & Pump House	
2	Service / Fire Water Reservoir & Pump House	
3	Portable Over Head Storage Tank	
4	Rain Water Harvesting and Artificial Recharge pit	
5	Bridge Over Railway Track-02 Nos	
6	2 Nos Settling Pond	
7	Water Reservoir Boundary	
8	Time & Security Office	
9	Security Barrack	
10	Security Office	
11	Training Centre	
12	Main Gate Complex	
13	Administrative Building (CEO Office Building)	
14	Transformer & DG Room for Administrative Building (CEO Office Building)	
15	Canteen Building	
16	Fire Station with Shed	
17	CHP Store Shed & and office	
18	First Aid Building	
19	Boundary Wall	
20	CHP Office	
21	Road, Drain & Culvert	
22	Covered Car Parking Shed & Cycle Stand	
23	Toilet Complex for Both ladies and Gents Workers	
24	2 Nos. 100 Tonne Capacity Carrying Bridge Over Garia Nalla	
25	Rest Shelter	
26	Laboratory for Coal Sample Analysis	
27	Electrical Substation (33/6.6 KV) for mines	
28	CHP Main Substation & Control Room Building	
29	Compressor House	
30	DG Room	
31	Watch Tower	
32	Water Pipeline for Mines Colony	
33	CHP maintenance Shop	

34	utility and other miscellaneous items	
35	2 nos box culvert of internal size of 4 m x 4m below haul road	
36	Barbed wire fencing around water reservoir	
37	Barbed wire fencing around bulb area and substation building	

**Note:**

1. Contractor shall submit the completion dates in the table which shall meet the Owner's requirement (completion time of 600 days from the date of issuance of NTP).
2. For trail run, commissioning and hand over, last 60 days out of total completion time 600 days shall be used.
3. Contractor may add new Milestones in the Table above, as part of Contract Schedule, to provide better clarity on achieving the Final Completion.
4. The Contract Schedule shall confirm to the **Appendix 10B: Milestone Payment Schedule** submitted by the Bidder.
5. Contractor shall provide detailed project network schedule (Primavera / MS Project) for the Contract Schedule mentioned above.

**Owner's Deliverables**

Owner assures the delivery of Owner-Provided Work Areas for CHP as below in Table.

**Table**

Land Use	Type of Land	Village	Area (Acres)	Available on or Before
CHP				

**Note:**

1. The delivery schedule of Owner-Provided Work Areas, as shown above in Table, shall be mutually updated on or before the NTP Date or any other date mutually agreeable to Owner and the Contractor.