

BHEL- ISG, BANGALORE 	3.0 MTPA INTEGRATED STEEL PLANT PRICE SCHEDULE	DOCUMENT NUMBER
	CIVIL WORKS FOR RAW MATERIAL HANDLING PLANT Customer : NMDC LTD, NAGARNAR, CHHATTI SGARH.	IS-1-10-2003/ PT-1-10-2002/ SPEC

Package-A : Civil Works for Silos in Raw Material Handling Plant

PRICE SCHEDULE

SI No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
	CONSTRUCTION OF RCC SILOS				
A)	Design, Engineering, Supply & construction of RCC silos with supporting column, beams, supporting structures with concrete including connecting Walkways Complete. (Total Silos 73 nos)				
1	Sinter 30mm EV-500 m ³ excluding freeboard	Nos	16		
2	Coal 30mm EV-1550 m ³ excluding freeboard	Nos	16		
3	Coke fines 3mm EV-300 m ³ excluding freeboard	Nos	16		
4	M/S 3mm EV-150 m ³ excluding freeboard	Nos	1		
5	F.D. 1mm EV-150 m ³ excluding freeboard	Nos	1		
6	L.S. 50mm EV-450 m ³ excluding freeboard	Nos	8		
7	Slag EV-100 m ³ excluding freeboard	Nos	1		
8	Lump Ore 25mm EV-300 m ³ excluding freeboard	Nos	3		
9	L/S 50MM EV-600 m ³ excluding freeboard	Nos	8		
10	Nut Coke 8-34mm EV-450 m ³ excluding freeboard	Nos	1		
11	Coke fines 8mm EV-450 m ³ excluding freeboard	Nos	1		
12	OF. 10mm EV-400 m ³ excluding freeboard	Nos	1		
B	Miscellaneous Works such as Open Temporary storage yard with fencing and covered stores, Power and construction water, Illumination, Temporary Roads and Drains. Cable bridge foundation				
	TOTAL				

Note : EV – Effective Volume

Total (in Words) Rupees -----

Package-B : Civil Works for Coal Handling Plant, Ore Handling Plant and other Facilities excluding Silos

PRICE SCHEDULE

Sl No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
1	Design engineering for the Civil works	LOT	1		
2	Survey and Soil investigation & fixing co-ordinates for various units as per Layout	LOT	1		
3	Levelling and grading of the entire RMH area as per Layout	LOT	1		
4	<p>Civil Works related with Wagon tippler (15x 10) & Track hopper including shed-</p> <p>a)All Civil works associated with WT#1,2&3 and side arm chargers</p> <p>b) Foundations for track hopper of required size to accommodate Wt# 1, 2 & 3</p> <p>c) Excavation for WT and side arm charger foundation ,Etc</p> <p>d) Foundation for WT #1,2&3 and SAC Proper.</p> <p>e)Structural shed with roof and side sheeting</p> <p>f) Rails Laying including all accessories for Wt #1,2&3 and SAC</p> <p>g)Required nos of Hoppers with liners as per TS/GTS</p> <p>h) Grating over hopper</p> <p>i) Control pulpit for Wagon tippler and side arm charger approx 5M (L)x5M(W)</p> <p>j) Civil foundation for BFA and BFB</p> <p>k)Civil foundation for EOT crane and structural works.</p>	LOT	1		
5	Iron scraps mixed cement concrete counter weight (Ballast) 55Ton , approx for wagon tippler - supply & casting and Construction of other misc units like gravity take ups, pits, trenches, paved areas.	LOT	1		
6	<p>Single and Double Conveyor Tunnel Length 357M</p> <p>Conveyor Tunnel from WT to Pent Houses.</p> <p>a) Excavation/ tunnel boring (if excavation</p>	LOT	1		

Sl No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
	is not feasible) b) Construction of tunnel up to pent houses				
7	Laying of railway track	LOT	1		
8	Construction of Pent houses.	LOT	1		
	Foundations and RCC floors at different level of Junction houses (74 nos) including RCC roof with roof drainage				
9	JH - 1	LOT	1		
10	JH - 2	LOT	1		
11	JH - 3	LOT	1		
12	JH - 4	LOT	1		
13	JH - 5	LOT	1		
14	JH - 6	LOT	1		
15	JH - 7	LOT	1		
16	JH - 8	LOT	1		
17	JH - 9	LOT	1		
18	JH - 10	LOT	1		
19	JH - 11	LOT	1		
20	JH - 12	LOT	1		
21	JH - 13	LOT	1		
22	JH - 14	LOT	1		
23	JH - 15	LOT	1		
24	JH - 16	LOT	1		
25	JH - 17	LOT	1		
26	JH - 18	LOT	1		
27	JH - 19	LOT	1		
28	JH - 20	LOT	1		
29	JH - 21	LOT	1		
30	JH - 22	LOT	1		
31	JH - 23	LOT	1		
32	JH - 24	LOT	1		
33	JH - 25	LOT	1		

Sl No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
34	JH - 26	LOT	1		
35	JH - 27	LOT	1		
36	JH - 28	LOT	1		
37	JH - 29	LOT	1		
38	JH - 30	LOT	1		
39	JH - 31	LOT	1		
40	JH - 32	LOT	1		
41	JH - 33	LOT	1		
42	JH- 34	LOT	1		
43	JH- 35	LOT	1		
44	JH- 36	LOT	1		
45	JH- 37	LOT	1		
46	JH- 38	LOT	1		
47	JH- 39	LOT	1		
48	JH- 40	LOT	1		
49	JH- 41	LOT	1		
50	JH- 42	LOT	1		
51	JH- 43	LOT	1		
52	JH- 44	LOT	1		
53	JH- 45	LOT	1		
54	JH- 46	LOT	1		
55	JH- 47	LOT	1		
56	JH- 48	LOT	1		
57	JH- 49	LOT	1		
58	JH- 50	LOT	1		
59	JH- 51	LOT	1		
60	JH- 52	LOT	1		
61	JH- 53	LOT	1		
62	JH- 54	LOT	1		
63	JH- 55	LOT	1		
64	JH- 56	LOT	1		
65	JH- 57	LOT	1		

Sl No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
66	JH- 58	LOT	1		
67	JH- 59	LOT	1		
68	JH- 60	LOT	1		
69	JH- 61	LOT	1		
70	JH- 62	LOT	1		
71	JH- 63	LOT	1		
72	JH- 65	LOT	1		
73	JH- 66	LOT	1		
74	JH- 67	LOT	1		
75	JH- 68	LOT	1		
76	JH- 69	LOT	1		
77	JH- 70	LOT	1		
78	JH- 71	LOT	1		
79	JH- 72	LOT	1		
80	JH- 73	LOT	1		
81	JH- 74	LOT	1		
	Foundation of conveyor galleries Trestles-		1		
82	J1C1/C2	LOT	1		
83	J1C3	LOT	1		
84	J2C1	LOT	1		
85	J3C1/C2	LOT	1		
86	J4C1/C2/C3	LOT	1		
87	J5C1/C2/C3	LOT	1		
88	J6C1/C2/C3	LOT	1		
89	J7C1/C2/C3	LOT	1		
90	J8C1/C2/C3	LOT	1		
91	J9C1	LOT	1		
92	J10C1	LOT	1		
93	J11C1	LOT	1		
94	J12C1	LOT	1		
95	J13C1/C2	LOT	1		

Sl No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
96	J14C1/C2	LOT	1		
97	J15C1/C2/C3	LOT	1		
98	J16C1/C2/C3	LOT	1		
99	J17C1	LOT	1		
100	J71C1	LOT	1		
101	J18C1	LOT	1		
102	J18C1	LOT	1		
103	J19C1	LOT	1		
104	J19C1	LOT	1		
105	J20C1/C2	LOT	1		
106	J21C1/ C2	LOT	1		
107	J22C1/C2	LOT	1		
108	J23C1 (between J20 and J23)	LOT	1		
109	J25C1 (between J23 and J25)	LOT	1		
110	J26C1	LOT	1		
111	J27C1	LOT	1		
112	J28C1	LOT	1		
113	J29C1	LOT	1		
114	J30C1	LOT	1		
115	J31C1	LOT	1		
116	J32C1/C2/C3	LOT	1		
117	J32C4	LOT	1		
118	J33C1/C2	LOT	1		
119	J33C3	LOT	1		
120	J33C4	LOT	1		
121	J34C1	LOT	1		
122	J34C2	LOT	1		
123	J34C3	LOT	1		
124	J34C4	LOT	1		
125	J34C5	LOT	1		
126	J35C1/C2	LOT	1		
127	J36C1	LOT	1		

Sl No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
128	J37C1	LOT	1		
129	J38C1	LOT	1		
130	J38C2	LOT	1		
131	J39C1	LOT	1		
132	J40C1	LOT	1		
133	J40C2	LOT	1		
134	J41C1	LOT	1		
135	J42C1	LOT	1		
136	J42C2	LOT	1		
137	J43C1	LOT	1		
138	J44C1/C2	LOT	1		
139	J45C1	LOT	1		
140	J46C1	LOT	1		
141	J47C1	LOT	1		
142	J48C1/C2	LOT	1		
143	J49C1/C2	LOT	1		
144	J50C1	LOT	1		
145	J50C2	LOT	1		
146	J51C1	LOT	1		
147	J52C1	LOT	1		
148	J52C2	LOT	1		
149	J53C1/C2	LOT	1		
150	J54C1/C2	LOT	1		
151	J55C1	LOT	1		
152	J56C1	LOT	1		
153	J57C1	LOT	1		
154	J58C1	LOT	1		
155	J59C1	LOT	1		
156	J59C2	LOT	1		
157	J60C1	LOT	1		
158	J60C2	LOT	1		
159	J61C1	LOT	1		

Sl No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
160	J62C1	LOT	1		
161	J63C1	LOT	1		
162	J65C1/C2	LOT	1		
163	J66C1	LOT	1		
164	J66C2	LOT	1		
165	J67C1/C2	LOT	1		
166	J68C1	LOT	1		
167	J69C1	LOT	1		
168	J70C1/ C2	LOT	1		
169	J71C1	LOT	1		
170	J72C1	LOT	1		
171	J73C1	LOT	1		
172	J73C2	LOT	1		
173	J73C3	LOT	1		
174	J73C4	LOT	1		
175	J74C1	LOT	1		
176	SMYC1	LOT	1		
177	RCC floor precast for conveyor gallery and walkway	LOT	1		
178	Foundation for stacker reclaimer including drainage	LOT	1		
179	Foundation for Slew stacker including drainage	LOT	1		
180	Foundation for Barrel reclaimer including drainage	LOT	1		
181	Transfer car foundations including drainage (1no)	LOT	1		
182	Bed for stock piles at Ore Handling yard area including drainage, fire hydrant supports	LOT	1		
183	Bed for stock piles at Coal Handling yard area including drainage, fire hydrant supports	LOT	1		
184	MCC room for WT1,2,3 Approx size: 16M x 11M x 4M ECR for WT#1,2&3	LOT	1		
185	Air compressor house of size 10m x 5m (2 storied building) near Wt#1, 2&3 for dust	LOT	1		

Sl No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
	suppression system				
186	Electrical sub-station room of size 19 m (L) x 13 m (W) x 21 m (H) including transformer foundations	LOT	1		
187	ECR rooms 15M (L) x 6M (W) x 5.5M (H)	LOT	1		
188	Construction of common fire water cum service water pump house, static underground water tanks(11M(L)x11M(W) x 5M(D)approx and associated civil, structural works	LOT	1		
189	Electrical MCC Rooms for Pump house (10M x 7M) with false ceiling	LOT	1		
190	Dispatcher cum control room 15M (L) x 10M (W) x 5M (H) including Conference room with false ceiling	LOT	1		
191	Dispatcher-D1-CHP (15 X 10 X 5)	LOT	1		
192	Dispatcher-D2-For coke (12 x 10 x 5)	LOT	1		
193	Dispatcher-D3-BMP (12 x 10 x 5)	LOT	1		
194	Dispatcher-D4-OFH (12 x 10 x 5)	LOT	1		
195	Dispatcher-D5-OFH (12 x 10 x 5)	LOT	1		
196	Ares Repair Shop Size of 9 X 18 x 8 m.	LOT	1		
197	Ares Repair Shop Size of 36 X 21 m	LOT	1		
198	Worker's rest room size 50 sqm, min height 4M	LOT	1		
199	sub store for electrical items with the area of 15x40x9 m.	LOT	1		
200	Air washer room 8M X 10M	LOT	1		
201	Dust suppression building and RCC water tanks	LOT	1		
202	Control room for weigh bridge 10 X 5 X 4	LOT	1		
203	RMHS building 40 x 10 x 5m	LOT	1		
204	CHP building 40 x 10 x 5m	LOT	1		
205	Roads system	LOT	1		
206	Drainage, Sewage system, etc.	LOT	1		
207	Culvert	LOT	1		
208	Flood Light Tower Foundations and street lighting foundations	Nos	36		

Sl No	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
209	Miscellaneous Works-Site office , temporary storage yard, Power and construction water, Cable bridge foundation	LOT	1		
	TOTAL				

Total (in Words) Rupees -----