

GENERAL SCOPE MATRIX for CHP - SURATGARH PROJECT.(Mechanical and Civil)

Sl.No	JOB/ Area	Responsibility for Design & Drawing	Responsibility & Scope of Supply	Responsibility of Supervision/Checking	Responsibility & Scope of Fixing & Erection & commissioning.
1	Inserts plates for conveyor stringers & short posts	Civil & Str contractor/ Mechanical Vendor (Layout)	Civil & Str contractor	Civil & Str contractor/ Mechanical Vendor	Civil & Str contractor
2	All other inserts like for pipes etc.	Civil & Str contractor / Mechanical Vendor (Layout)	Civil & Str contractor	Civil & Str contractor/Mech./Elec Vendor	Civil & Str contractor
3	All embedments required for Mechanical items which will go into the concrete.	Civil & Str contractor	Civil & Str contractor	respective Mech. Vendor/Civil & Str contractor/joint	Civil & Str contractor
4	Monorails for Hoists (except Bunker Area)	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
5	Monorails for Hoists & festoon cable for Bunker Area	Mech vendor/ PEM	PEM	PEM	PEM
6	Monorail for festoon cable for all areas	Respective Mech./Elec Vendor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
7	Ladders for inspection of skirt , poke holes, Inspection door for the chutes and other etc. and required inserts or supports	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
8	Hoist maintenance platforms	Respective Mech./Elec Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
9	Foundation bolts for Mech. Items - Embedded in concrete	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor/Civil & Str contractor	Civil & Str contractor
10	Foundation bolts for Mech. Items - Bolt Sleeves	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor/Civil & Str contractor	Respective Mech. Vendor
11	Hand rails	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
12	Wire mesh Guards for mechanical Equipments	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
13	Bend Pulley Frames for Take-up	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
14	VG TU Structure * (part of gallery)	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
15	Guides and fixing assembly for Take-up	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
16	HGTU & VG TU structures not part of gallery	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
17	HGTU foundation*	Civil & Str contractor	Civil & Str contractor	Civil & Structural/Respective Mech. Vendor	Civil & Str contractor
18	All Maintenance, operating floor & supporting platforms including those for VG TU	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
19	ILMS/ suspended magnet fixing lugs	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
20	Gratings for bunker slots	Respective Mech. Vendor	PEM	PEM	PEM
21	Seal Plates	Respective Mech. Vendor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
22	Deck Plates	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
23	Grouting with supply of Non Shrink expandable grade for mechanical equipments for Conveyor Package	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
24	Debris chute	Respective Mech. Vendor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
25	Cross over fro the conveyor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
26	Rain water pipe	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
27	Runners for conveyor short post in gallery	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
28	DE System related technological structures	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
29	DE System Foundation *	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
30	Foundation bolts for HGTU structure ONLY	Respective Mech. Vendor (designed along with superstructure)	Respective Mech. Vendor	Civil & Structural/Respective Mech. Vendor	Civil & Structural
31	CI Counter Weight	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
32	Sump pump grating	Civil & Str contractor	Civil & Structural	Civil & Structural	Civil & Structural
33	Counter weight for Wagon Tippler	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
34	Stacker cum reclaimr & Reclaimer Rail fixures	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Civil & Structural
35	Grouting of rails for Stacker cum reclaimr & Reclaimer	Respective Mech. Vendor	Civil & Str contractor	Civil & Str contractor	Civil & Str contractor
36	Counter wt. for S/R, Reclaimer, Wagon Tippler	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor	Respective Mech. Vendor
37	Supply of all insert plates, stools (if any), and other embedment in concrete for Wagon tippler complex , Crusher, Screen, and conveyors	Civil & Str contractor	Civil & Str contractor	Civil & Structural/Respective Mech. Vendor	Civil & Structural/Respective Mech. Vendor

Note: Wherever "Civil & Str contractor" indicated above will be BHEL's other bidder/Civil & Str contractor.

*** Input load to be furnished by mechanical vendor**