



S. No.	Description of material	Quantity Required	Unit	Estimated cost	Total Cost	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of completion	Remarks (If any)
1	Axle for vibrating table	32	Nos	6000	192,000	-do-	-do-	-	-
2	Hydraulic Pressure Pipe press fit	60	Nos	1000	60,000	-do-	-do-	-	-
3	Rubber foundation rubber block for vibrating table APS	40	Nos	1000	40,000	-do-	-do-	-	-
4	Clamping jaws for vibrator table right	16	Nos	7000	112,000	-do-	-do-	-	-
5	Clamping jaws for vibrator table Left	16	Nos	7000	112,000	-do-	-do-	-	-
6	Hydraulic elbow 1/4"	40	Nos	500	20,000	-do-	-do-	-	-
7	Hydraulic Jack for vibrator table	8	Nos	450000	3,600,000	-do-	-do-	-	-
8	Top wearing plate for vibrating table	8	sets	12000	96,000	-do-	-do-	-	-
9	Side wearing plate	16	Nos	6000	96,000	-do-	-do-	-	-
10	Teflon Bush	500	Nos	400	200,000	-do-	-do-	-	-
12	compression beam 2600mm sleepers with vibrator complete in all respect	2	sets	10000000	20,000,000	-do-	-do-	-	-
	<b>Total</b>	-		-	<b>24,528,000</b>	-	-	-	-
<b>4</b>	<b>PARTS FOR PRE-STRESSING MACHINE</b>								
1	Dynamometer unit Large pressure gauge for	2	Nos	25000	50,000	-do-	-do-	-	-
2	Gear spur 31 teeth for prestressing machine	40	Nos	3000	120,000	-do-	-do-	-	-
3	Air impact wrench size 1/2" model No: MI-17 (Japan)	12	Nos	40000	480,000	-do-	-do-	-	-
4	Shifting clutch gear 17 teeth (APS)	100	Nos	3500	350,000	-do-	-do-	-	-
5	Spindle Clutch gear 17 teeth (APS)	80	Nos	3500	280,000	-do-	-do-	-	-
6	Neutral gear 17 teeth (APS)	80	Nos	3500	280,000	-do-	-do-	-	-
7	Center Gear 17 teeth (APS)	40	Nos	3500	140,000	-do-	-do-	-	-
8	Eccentric screw local	6	Nos	20000	120,000	-do-	-do-	-	-
9	Housing liner local	6	Nos	20000	120,000	-do-	-do-	-	-
10	Box Spanner with gear	300	Nos	3200	960,000	-do-	-do-	-	-
11	Stressing spindle steel 10mm dia steel Local	400	Nos	3000	1,200,000	-do-	-do-	-	-

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12	Hydraulic hose pipe double braided with steel fitting with both ends working pressure 500 bars small (APS)	80	Nos	1200	96,000	-do-	-do-	-	-
13	Clutch for box spanner complete (imported)	8	Nos	1088000	8,704,000	-do-	-do-	-	-
14	Clutch for spindle complete (imported)	8	Nos	1296000	10,368,000	-do-	-do-	-	-
15	Clutch for box spanner complete (local)	16	Nos	100000	1,600,000	-do-	-do-	-	-
16	Clutch for spindle complete (local)	16	Nos	125000	2,000,000	-do-	-do-	-	-
17	Throttle valve for prestressing machine	6	Nos	20000	120,000	-do-	-do-	-	-
18	Prestressing machine complete with hydraulic pump and electric panel for vossloh sleepers 2750 mm with complete in all respect (New)	2	Nos	50000000	100,000,000	-do-	-do-	-	-
19	Pressure dial gauge 6" Dia 600 bar made in Germany	12	Nos	16000	192,000	-do-	-do-	-	-
20	clutch sleeve shaft for prestressing machine	60	Nos	2500	150,000				
21	Hydraulic Pressure Pipe for prestressing machine large 13'	30	Nos	5000	150,000	-do-	-do-	-	-
22	Face Plate for prestressing machine for 2600 mm PSC sleepers	4	Nos	20000	80,000	-do-	-do-	-	-
23	Universal Joint Internal APS	150	Nos	500	75,000	-do-	-do-	-	-
24	Universal Joint External APS	200	Nos	500	100,000	-do-	-do-	-	-
25	outside Gantry Crane lifting Cap; 7.5 Ton capacity, Cabin type single girder	1	No	50000000	50,000,000	-do-	-do-	-	-
26	Hydraulic pump for dynamitic meter (LUKAS)	1	No	35000	35,000	-do-	-do-	-	-
27	Chain Gear double teeth 06-B	12	Nos	5000	60,000	-do-	-do-	-	-
28	Jack of injection machine	6	Nos	20000	120,000	-do-	-do-	-	-
	<b>Total</b>	-		-	<b>177,950,000</b>	-	-	-	-
<b>5</b>	<b>TRACTOR/TROLLY/ INDUSTRIAL LOADER PARTS</b>								
1	Tie rod end complete for tractor MF-385	12	Nos	1200	14,400	-do-	-do-	-	-
2	Atomizer Nozzle for MF-385	3	sets	6000	18,000	-do-	-do-	-	-

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3	Tapper roller bearing 32217	20	Nos	3000	60,000	-do-	-do-	-	-
4	Steering jack of tractor M-F 385	2	Nos	25000	50,000	-do-	-do-	-	-
5	Tyre tube 900-20	12	Nos	45000	540,000	-do-	-do-	-	-
6	Tyre with tube for industrial loader 12-04-24 (12 PLY)	8	Nos	50000	400,000	-do-	-do-	-	-
7	Spindle Axle left side	6	Nos	6000	36,000	-do-	-do-	-	-
8	Spindle Axle right side	6	Nos	6000	36,000	-do-	-do-	-	-
9	Hub of Tractor MF-385 (front wheel)	4	Nos	4000	16,000	-do-	-do-	-	-
10	Radiator for MF-385	2	Nos	25000	50,000	-do-	-do-	-	-
11	Self-Starter for MF-385	2	Nos	10000	20,000	-do-	-do-	-	-
12	Teeth for bucket of industrial loader (APS)	36	Nos	1500	54,000	-do-	-do-	-	-
13	Trolley for tractor cement loading and shifting heavy duty	2	Nos	700000	1,400,000	-do-	-do-	-	-
14	Hydraulic Jack of industrial loader Bucket (large)	4	Nos	25000	100,000	-do-	-do-	-	-
15	Hydraulic Jack of industrial loader Bucket (Small)	4	Nos	20000	80,000	-do-	-do-	-	-
16	Tyre tube with flapper 7-50-16	8	Nos	15000	120,000	-do-	-do-	-	-
17	Tyre tube with flapper Suzuki Carry	5	Nos	10000	50,000	-do-	-do-	-	-
18	Battery 120Amp 12Volt for Tractor	4	Nos	20000	80,000	-do-	-do-	-	-
19	repair/overhauling engine of Suzuki carry and cushioning of seats	1	Job	80000	80,000	-do-	-do-	-	-
20	Direction Valve Assembly for industrial loader	2	Nos	25000	50,000	-do-	-do-	-	-
21	Hydraulic Seal Kit for industrial loader jack	24	Set	3000	72,000	-do-	-do-	-	-
22	tube size 12-04-24	24	Nos	5000	120,000	-do-	-do-	-	-
23	tube size 900-20 panther/service	16	Nos	5000	80,000	-do-	-do-	-	-
24	Bucket for industrial loader	2	Nos	150000	300,000	-do-	-do-	-	-
24	Hydraulic pressure pipe double braided both side steel fitting 1" bore length 4 1/5'	8	Nos	3000	24,000	-do-	-do-	-	-

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	<b>Total</b>	-	-	-	<b>3,850,400</b>	-	-	-	-
<b>6</b>	<b>BATCHING PLANT</b>								
1	Flow water gauge (water meter reset type)	1	No	25000	25,000	-do-	-do-	-	-
2	Trolley with gear motor for 5000 Kg Hoist made damage Germany	2	Set	100000	200,000	-do-	-do-	-	-
3	Trolley with gear motor for 3200 kg hoist made damage Germany	2	Set	100000	200,000	-do-	-do-	-	-
4	M.S Travelling wheel for bucket (APS)	8	Nos	2500	20,000	-do-	-do-	-	-
5	Pneumatic Solenoid Valve for dozing gate jack	10	Nos	10000	100,000	-do-	-do-	-	-
6	Motor with gear of cement silo	1	Nos	100000	100,000	-do-	-do-	-	-
7	Gear set of cement silo of all gear	3	Set	40000	120,000	-do-	-do-	-	-
8	Chain gear set of cement silo	3	Set	10000	30,000	-do-	-do-	-	-
9	Conveyor roller large	12	Nos	18000	216,000	-do-	-do-	-	-
10	Conveyor roller small	32	Nos	15000	480,000	-do-	-do-	-	-
11	Reduction gear for center and side conveyor	3	Nos	100000	300,000	-do-	-do-	-	-
12	Wheel of distribution car	8	Nos	12000	96,000	-do-	-do-	-	-
13	Motor with gear of core bar structure	2	Nos	75000	150,000	-do-	-do-	-	-
14	Shovel Part No. 5951021	6	Nos	35000	210,000	-do-	-do-	-	-
15	Shovel Part No. 9561413	6	Nos	35000	210,000	-do-	-do-	-	-
16	Internal scraper top shovel part no. 9581632	6	Nos	30000	180,000	-do-	-do-	-	-
17	shovel part No. 9701168 scraper	2	Nos	40000	80,000	-do-	-do-	-	-
18	Side wall tile part 9551412	3	Nos	30000	90,000	-do-	-do-	-	-
19	Bottom tile for floor 5951404	12	Nos	35000	420,000	-do-	-do-	-	-
20	Scraper side valve part No.93156805	4	Nos	40000	160,000	-do-	-do-	-	-
21	Part No. 5951409	4	Nos	30000	120,000	-do-	-do-	-	-
22	Dial side part No. 5951408	8	Nos	35000	280,000	-do-	-do-	-	-
23	Internal scraper top part no.956163205	3	Nos	35000	105,000	-do-	-do-	-	-
24	Scraper part No. 970156805	3	Nos	40000	120,000	-do-	-do-	-	-
25	Scraping arm with ridge part no. 93405	2	Nos	30000	60,000	-do-	-do-	-	-

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26	Mixing paddle part No. 505102105	4	Nos	25000	100,000	-do-	-do-	-	-
27	Paddle Part No.956078305	3	Nos	30000	90,000	-do-	-do-	-	-
28	Side valve tile left part no. 5951413	6	Nos	25000	150,000	-do-	-do-	-	-
29	Side valve tile left part no. 5951411	3	Nos	30000	90,000	-do-	-do-	-	-
30	Part No. 5951407	4	Nos	30000	120,000	-do-	-do-	-	-
31	Internal scraper 9561413	4	Nos	40000	160,000	-do-	-do-	-	-
32	side conveyor belt 49'-6"	4	Nos	50000	200,000	-do-	-do-	-	-
33	synthetic rubber conveyor belt for center conveyor endless 73' length 25" width	3	Nos	125000	375,000	-do-	-do-	-	-
34	steel china 50mm	80	Ft	400	32,000	-do-	-do-	-	-
35	steel china 60mm	100	Ft	450	45,000	-do-	-do-	-	-
36	Pneumatic cylinder jack DSGB-50-300-PPV-A-N-3	5	Nos	40000	200,000	-do-	-do-	-	-
	<b>Total</b>	-		-	<b>5,634,000</b>	-	-	-	-
<b>7</b>	<b>BEARINGS</b>								
1	Ball bearing 6205	100	Nos	550	55,000	-do-	-do-	-	-
2	Ball bearing 6208	100	Nos	1000	100,000	-do-	-do-	-	-
3	Bearing LR 5205-KDDU	40	Nos	5000	200,000	-do-	-do-	-	-
4	Roller Bearing NJ-2209	12	Nos	3000	36,000	-do-	-do-	-	-
5	Bearing 6013	30	Nos	2500	75,000	-do-	-do-	-	-
6	Bearing LR 203	100	Nos	3000	300,000	-do-	-do-	-	-
7	Bearing DR 3202	50	Nos	2500	125,000	-do-	-do-	-	-
8	Tapper roller bearing 25520/25590	20	Nos	5000	100,000	-do-	-do-	-	-
9	Tapper roller bearing 67048/67010	20	Nos	1000	20,000	-do-	-do-	-	-
10	Ball Bearing 6310	20	Nos	2000	40,000	-do-	-do-	-	-
	<b>Total</b>	-		-	<b>1,051,000</b>	-	-	-	-
<b>8</b>	<b>MISC. MATERIAL</b>								

S. No.	Description of material	Quantity Required	Unit	Estimated cost	Total Cost	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of completion	Remarks (If any)
1	Steel wire rope 9mm (6x37) hump core	1000	Mtr	250	250,000	-do-	-do-	-	-
2	Steel wire rope 10mm (6x37) hump core	1000	Mtr	300	300,000	-do-	-do-	-	-
3	Steel wire rope 14mm (6x37) hump core	300	Mtr	620	186,000	-do-	-do-	-	-
4	Steel wire rope 12mm (6x37) hump core	300	Mtr	550	165,000	-do-	-do-	-	-
5	Belt fastener 65 Nos	15	Pockets	1000	15,000	-do-	-do-	-	-
6	M.S Channel 8"x3"x10mm length 21'-6"	2	Nos	15000	30,000				
7	MS round 1-1/4" (Polish)	300	Kg	250	75,000	-do-	-do-	-	-
8	MS round 3"	400	Kg	250	100,000	-do-	-do-	-	-
9	MS sheet 8x4x1/2"	1	Sheet	22000	22,000	-do-	-do-	-	-
10	MS sheet 8x4x1/4"	2	Sheet	11000	22,000	-do-	-do-	-	-
11	MS sheet 8x4x1"	1	Sheet	44000	44,000	-do-	-do-	-	-
12	MS Sheet 8x4x3/4"	2	Sheet	80000	160,000	-do-	-do-	-	-
13	MS round 7/8" polish	200	Kg	250	50,000	-do-	-do-	-	-
14	M.S Round Polish 2 1/2"	400	Kg	250	100,000	-do-	-do-	-	-
15	M.S Round Polish 2"	400	Kg	250	100,000	-do-	-do-	-	-
16	M.S Round Polish 1 3/4"	600	Kg	300	180,000				
17	Cutting Disc 9x 1/8" 7/8" bor	400	Nos	1000	400,000	-do-	-do-	-	-
18	Hairing Charges of crane for replacement Hallow of sand washing plate and boiler replacement	1	Job	200000	200,000	-do-	-do-	-	-
19	Bevel gear of sand washing plant 56 teeth APS	1	Nos	100000	100,000	-do-	-do-	-	-
20	pinion gear of sand washing plant 16 teeth APS	1	Nos	15000	15,000	-do-	-do-	-	-
21	Wheel Spur gear 100 teeth for sand washing plant (APS)	1	Nos	100000	100,000	-do-	-do-	-	-
22	Pinion Gear 20 teeth for sand washing plant APS	1	Nos	15000	15,000	-do-	-do-	-	-
23	Welding rode 10 SWG (Best Quality)	500	Kg	350	175,000	-do-	-do-	-	-

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24	Welding rode 08 SWG (Best Quality)	500	Kg	350	175,000	-do-	-do-	-	-
25	G.I Pipe 3/4"	1000	Ft	100	100,000	-do-	-do-	-	-
26	G.I Pipe 1 1/4"	160	Ft	200	32,000	-do-	-do-	-	-
27	G.I Tee 3/4"	100	Nos	125	12,500	-do-	-do-	-	-
28	G.I Union 3/4"	1000	Nos	100	100,000	-do-	-do-	-	-
29	G.I Nipple 3/4"	200	Nos	80	16,000	-do-	-do-	-	-
30	G.I Elbow 3/4"	60	Nos	150	9,000	-do-	-do-	-	-
31	G.I Nipple 1/2"	120	Nos	60	7,200	-do-	-do-	-	-
32	G.I Pipe 1"	200	Ft	150	30,000	-do-	-do-	-	-
33	G.I Elbow 1"	30	Nos	200	6,000	-do-	-do-	-	-
34	Wheel valve Heavy duty 1-1/2"	12	Nos	2500	30,000	-do-	-do-	-	-
35	Wheel valve 4" flange type	6	Nos	4000	24,000	-do-	-do-	-	-
36	G-I cross 2" Tee	60	Nos	200	12,000	-do-	-do-	-	-
37	G-I union 2"	20	Nos	800	16,000	-do-	-do-	-	-
38	Wheel valve 2" best quality for steam	16	Nos	3000	48,000	-do-	-do-	-	-
39	G.I elbow 1/2"	60	Nos	75	4,500	-do-	-do-	-	-
40	G.I Tee 1/2"	40	Nos	100	4,000	-do-	-do-	-	-
41	G.I Union 1/2"	50	Nos	150	7,500	-do-	-do-	-	-
42	G.I bend 1/2"	40	Nos	100	4,000	-do-	-do-	-	-
43	G.I socket 1/2"	50	Nos	60	3,000	-do-	-do-	-	-
44	G.I cross 3/4"	50	Nos	250	12,500	-do-	-do-	-	-
45	G.I socket 3/4"	50	Nos	80	4,000	-do-	-do-	-	-
46	Overhauling of lath machine	2	Job	100000	200,000	-do-	-do-	-	-
47	Lath Machine 10 ft New	1	No	1000000	1,000,000	-do-	-do-	-	-
48	Hammer Drill Machine Heavy duty (new)	4	Nos	25000	100,000	-do-	-do-	-	-
49	Curing tent (new)	10	Nos	250000	2,500,000	-do-	-do-	-	-
50	Pilot of PSC sleeper 2600mm with MS channel	300	No	11000	3,300,000	-do-	-do-	-	-
51	Reset dial type thermometer gauge	32	Nos	4500	144,000	-do-	-do-	-	-

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52	Steem dial gauge 0 to 125 PSI	8	Nos	4500	36,000	-do-	-do-	-	-
53	Side travelling motor with reduction gear Curve going (Damage company) for 3200 Kg Electric Hoist	2	Nos	100000	200,000	-do-	-do-	-	-
54	Side travelling motor with reduction gear Curve going (Damage company) for 5000 Kg Electric Hoist	2	Nos	100000	200,000	-do-	-do-	-	-
55	waste cotton	3000	Kg	300	900,000	-do-	-do-	-	-
56	Turn Table for movement of sleeper trolley	9	Nos	100000	900,000	-do-	-do-	-	-
57	Eight sleeper Sling vossloh/2600mm	4	Nos	200000	800,000	-do-	-do-	-	-
58	cas ting of gunmetal gear with M.S Bush	2	Nos	25000	50,000	-do-	-do-	-	-
59	Hydraulic Pressure pipe double breaded 350 bar 1/4" bore (APS)	300	Ft	250	75,000	-do-	-do-	-	-
60	Gear and ideal travelling wheel 48 teeth (APS)	16	Nos	5000	80,000	-do-	-do-	-	-
61	Travelling wheel plain (APS)	20	Nos	3500	70,000	-do-	-do-	-	-
62	Overhauling of electric hoist 1500Kg	2	Job	400000	800,000	-do-	-do-	-	-
63	Sand Washing Plant capcity 05 to 500 to 100 Tan per hour ratation speed 0.8 to 1.5 RPM sand feeding hopper quantity control and dropping conveyor 01 No relevant electric motor panel	1	No	50000000	50,000,000	-do-	-do-	-	-
	<b>Total</b>	-		-	<b>64,816,200</b>	-	-	-	-
<b>9</b>	<b><u>AIR Compressor J-75</u></b>								
1	Oil filter for air compressor GA-75 No. 1613610500 ED MAX 15 Bar	4	Nos	20000	80,000	-do-	-do-	-	-
2	Suction pipe part No.1313-6412-79	1	Nos	12000	12,000	-do-	-do-	-	-
3	Electric Control Part. No.1900-0710-12	1	No	240000	240,000	-do-	-do-	-	-
4	Vibration Control pad part No.1221-5589-23	4	Nos	80000	320,000	-do-	-do-	-	-

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5	Overhauling air compressor GA-75 (Service Charges)	1	Job	50000	50,000	-do-	-do-	-	-
6	Filter Element No.P-1625-4302-92 for new air compressor	2	Nos	15000	30,000	-do-	-do-	-	-
	<b>Total</b>	-		-	<b>732,000</b>				
<b>9</b>	<b>Lubricant Oil</b>								
1	TELUS 68	2100	Ltr	305	640,500	-do-	-do-	-	-
2	TELUS 46	2100	Ltr	330	693,000	-do-	-do-	-	-
3	TELUS 100	660	Ltr	350	231,000	-do-	-do-	-	-
4	C-10	660	Ltr	400	264,000	-do-	-do-	-	-
5	omela gear oil	630	Ltr	600	378,000				
6	Kerosene oil	420	Ltr	907	380,940	-do-	-do-	-	-
	<b>Total</b>	-		-	<b>2,587,440</b>	-	-	-	-
<b>10</b>	<b>Common user items</b>								
1	Perfumed white Phenyl Finis 2.75 Ltrs	100	Nos	400	40,000	-do-	-do-	-	-
2	Gur Superior quality	500	Kg	170	85,000	-do-	-do-	-	-
3	Lux soap bath size 140 gram each	300	Nos	90	27,000	-do-	-do-	-	-
4	Duster Cloth/waste cotton	500	Kg	250	125,000	-do-	-do-	-	-
5	Broom Goa	100	Nos	350	35,000	-do-	-do-	-	-
6	Dettol / Disinfectant for sanitization of walk through rate due to covied-19	100	Ltr	1000	100,000	-do-	-do-	-	-
7	Kohenoor Soap full size	1200	Nos	80	96,000	-do-	-do-	-	-
8	Towels full size 30x60	320	Nos	700	224,000	-do-	-do-	-	-
	<b>Total</b>	-		-	<b>732,000</b>	-	-	-	-
	<b>Grand Total</b>				<b>293,570,840</b>	-	-	-	-