

DANTEHWARI MAIYA SAHAKARI SHAKKAR KARKHANA MARYADIT,BALOD CHHATTISHGARH * TENDOR FOR SEASON 2020-21

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
	MECHANICAL						
	Bearings						
1	Ball Bearing,6005	SKF/FAG/NBC	2	Nos			
2	Ball Bearing,6202 2RS	SKF/FAG/NBC	3	Nos			
3	Ball Bearing,6204 2RS	SKF/FAG/NBC	2	Nos			
4	Ball Bearing,6205 2RS	SKF/FAG/NBC	2	Nos			
5	Ball Bearing,6206 2RS	SKF/FAG/NBC	3	Nos			
6	Ball Bearing,6207 2RS	SKF/FAG/NBC	3	Nos			
7	Ball Bearing,6208	SKF/FAG/NBC	2	Nos			
8	Ball Bearing,6209 2RS	SKF/FAG/NBC	6	Nos			
9	Ball Bearing,6212 2RS	SKF/FAG/NBC	5	Nos			
10	Ball Bearing,6212 -C3	SKF/FAG/NBC	2	Nos			
11	Ball Bearing,6308	SKF/FAG/NBC	6	Nos			
12	Ball Bearing,6308 2RS	SKF/FAG/NBC	2	Nos			
13	Ball Bearing,6309 2RS	SKF/FAG/NBC	2	Nos			
14	Bearing,22222K	SKF/FAG/NBC	2	Nos			
15	Roller Bearing NU306	SKF/FAG/NBC	2	Nos			
16	Roller Bearing NU314	SKF/FAG/NBC	2	Nos			
17	Roller Bearing NU316	SKF/FAG/NBC	2	Nos			
18	Ball Bearing 6309 C3	SKF/FAG/NBC	5	Nos			
19	Ball Bearing 6310	SKF/FAG/NBC	5	Nos			
20	Ball Bearing 6310 2RS	SKF/FAG/NBC	2	Nos			
21	Ball Bearing 6312 2RS	SKF/FAG/NBC	2	Nos			
22	Ball Bearing 6313 2RS	SKF/FAG/NBC	2	Nos			
23	Ball Bearing 6313 -C3	SKF/FAG/NBC	2	Nos			
24	Ball Bearing 6215 C3	SKF/FAG/NBC	4	Nos			
25	Ball Bearing 63152RS/C3	SKF/FAG/NBC	2	Nos			
26	Ball Bearing 6218 C3	SKF/FAG/NBC	2	Nos			
27	Bearing with Housing T 210	SKF/FAG/NBC	2	Nos			
28	Bearing 21310 E	SKF/FAG/NBC	3	Nos			
29	Bearing 30207 ZZ	SKF/FAG/NBC	4	Nos			
30	Bearing 30209	SKF/FAG/NBC	2	Nos			
31	Bearing 30216 A	SKF/FAG/NBC	2	Nos			
32	Ball Bearing 6409 2Z	SKF/FAG/NBC	2	Nos			
33	Roller Bearing N U308	SKF/FAG/NBC	2	Nos			
34	Ball Bearing 6216	SKF/FAG/NBC	2	Nos			
35	Ball Bearing 63082Z	SKF/FAG/NBC	4	Nos			

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36	Ball Bearing 62042Z	SKF/FAG/NBC	2	Nos			
37	Ball Bearing 62052Z	SKF/FAG/NBC	2	Nos			
38	Ball Bearing 62062Z	SKF/FAG/NBC	2	Nos			
39	Ball Bearing 62082Z	SKF/FAG/NBC	4	Nos			
40	Ball Bearing 62102Z	SKF/FAG/NBC	6	Nos			
41	Ball Bearing 63062Z	SKF/FAG/NBC	2	Nos			
42	Ball Bearing 63122RS	SKF/FAG/NBC	4	Nos			
43	Ball Bearing 63132RS	SKF/FAG/NBC	2	Nos			
44	Ball Bearing 62092RS	SKF/FAG/NBC	2	Nos			
45	Ball Bearing 63202RS	SKF/FAG/NBC	2	Nos			
46	Roller Bearing NU222	SKF/FAG/NBC	2	Nos			
47	Roller Bearing NU226	SKF/FAG/NBC	2	Nos			
48	Roller Bearing NU316	SKF/FAG/NBC	2	Nos			
49	Roller Bearing NU322	SKF/FAG/NBC	2	Nos			
50	Roller Bearing NU 319	SKF/FAG/NBC	2	Nos			
51	Roller Bearing NU 308	SKF/FAG/NBC	2	Nos			
52	Ball Bearing 6308 Z	SKF/FAG/NBC	5	Nos			
53	Ball Bearing 6308 2Z	SKF/FAG/NBC	2	Nos			
54	Ball Bearing 6218T3	SKF/FAG/NBC	2	Nos			
55	Ball Bearing 63092Z	SKF/FAG/NBC	2	Nos			
56	Ball Bearing 6310 2Z	SKF/FAG/NBC	2	Nos			
57	Ball Bearing 7307	SKF/FAG/NBC	2	Nos			
58	Tapper Roller Bearing 33211	SKF/FAG/NBC	2	Nos			
59	Ball Bearing 6310 2Z	SKF/FAG/NBC	2	Nos			
60	Ball Bearing 62032RS	SKF/FAG/NBC	4	Nos			
61	Thrust Bearing 51114	SKF/FAG/NBC	10	Nos			
62	Ball Bearing 6215C3	SKF/FAG/NBC	4	Nos			

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63	Ball Bearing 6307 2 RS	SKF/FAG/NBC	2	Nos			
64	Roller Bearing 22219	SKF/FAG/NBC	2	Nos			
65	Roller Bearing 23228 K	SKF/FAG/NBC	3	Nos			
66	Roller Bearing 22224EJ	SKF/FAG/NBC	2	Nos			
67	Tapper Roller Bearing 32218	SKF/FAG/NBC	4	Nos			
68	Ball Bearing 6208	SKF/FAG/NBC	4	Nos			
69	Ball Bearing 6201 2RS	SKF/FAG/NBC	2	Nos			
70	Ball Bearing 6210	SKF/FAG/NBC	2	Nos			
	Plumber Block & Spares						
71	Sleeve-H-319	SKF/FAG/NBC	2	Nos			
72	Sleeve-H-311	SKF/FAG/NBC	2	Nos			
73	Sleeve-H-3128	SKF/FAG/NBC	2	Nos			
74	Sleeve H 316	SKF/FAG/NBC	4	Nos			
75	circlip 95	ISI	10	Nos			
76	Bagacillo Blower Shaft with Impeller & Plumber Block	Simplex	1	set			
77	Plumber Block of Bearing 22230K Special Design for Hopper Connecting	ANY ISI	2	Nos.			
78	Plumber Block(SN-516)	SKF/FAG/NBC/J&J	2	Nos			
79	Plumber Block(3148)	SKF/FAG/NBC/J&J	2	Nos			
	Valve & Spares						
80	Control Valve 20mm	Puri/Pradeep Pelican	3	Nos			
81	Control Valve 25mm	ISI	2	Nos			
82	GM/SS wheel screwed end valve 20mm	Pelican Puri/Pradeep	10	Nos			
83	CI GLOBE VALVE 20MM	Pelican Puri/Pradeep	3	Nos.			
84	C.I. Sluice valve non rising 50 mm having SS spindle & SS working parts flange to flange distance 215mm, no. of holes 4 , PCD 125mm.IS 780	pelicon Puri/Pradeep	5	Nos.			
85	C.I. Sluice valve non rising 65 mm having SS spindle & SS working parts flange to flange distance 230mm, no. of holes 4 , PCD 145mm.IS 780	pelicon Puri/Pradeep	5	Nos.			
86	C.I. Sluice valve non rising 80 mm having SS spindle & SS working parts flange to flange distance 230mm, no. of holes 4 , PCD 145mm.IS 780	pelicon Puri/Pradeep	2	Nos.			

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87	C.I. Sluice valve non rising 100 mm having SS spindle & SS working parts flange to flange distance 255mm, no. of holes 8 , PCD 180mm.IS 780	pelicon	5	Nos.			
		Puri/Pradeep					
88	C.I. Sluice valve non rising 125 mm having SS spindle & SS working parts flange to flange distance 265mm, no. of holes 8 , PCD 210mm.IS 780	pelicon	6	Nos.			
		Puri/Pradeep					
89	C.I. Sluice valve rising spindle 150 mm, flange to flange distance 280mm, no. of holes 8, PCD 150mm.IS 780	pelicon	2	Nos.			
		Puri/Pradeep					
90	C.I. Sluice valve rising spindle 65 mm, Flange to flange distance 230mm, no. of holes 4, PCD 145mm.IS 780	pelicon	5	Nos.			
		Puri/Pradeep					
91	C.I. Sluice valve rising spindle 200mm, Flange to flange distance 320 mm, no. of holes 8, PCD 295 mm.IS 780	pelicon	2	Nos.			
		Puri/Pradeep					
92	CI SLICE VALVE Slice valve rising spindle 100mm flange to flange distance250mm pcd 175mmno of hole 8	pelicon	4	Nos			
		Puri/Pradeep					
93	G.M. cock valve 1/2" screwed end	Puri/Pradeep	6	Nos.			
		pelicon					
94	Butterfly valve 50 mm	Vision/Puri/Pradeep	2	Nos.			
95	G.M./SS drain valve 25 mm screw end	ELEMN/Puri/Pradeep	10	Nos.			
96	G.M./SS gate valve flanged end 50mm heavy duty	ELEMN/Puri/Pradeep	4	Nos.			
97	CI Right angle valve rubber sheeted 50mm	Pelicon	5	Nos.			
		Puri/Pradeep					
98	C.I. Non return valve 50 mm,.IS 780	Pelicon	10	Nos.			
		Puri/Pradeep					
99	C.I. Non return valve 65 mm, flange to flange distance 215mm, no. of holes 4 , PCD 140mm.IS 780	Pelicon	6	Nos.			
		Puri/Pradeep					
100	C.I. Non return valve 80mm, flange to flange distance 260mm, no. of holes 4 , PCD 160mm.IS 780	Pelicon	2	Nos.			
		Puri/Pradeep					
101	CI Slice valve rising spindle 100mm Flange to flange 250mm No. of hole 8 Pcd 190mm IS-780	Pelicon	2	Nos.			
		Puri/Pradeep					
102	CI Slice valve non rising spindle 300mm PN 1.6 ALT II PCD- 400 mm Flange to Flange distance 380 mm IS- 780	Pelicon	2	Nos			
		Puri/Pradeep					
103	CI Globe valve 1½ inch IS 9339 flange to flange 200mm no of hole 4	Pelicon	6	Nos.			
		Puri/Pradeep					
104	CI Globe valve 2 inch IS-338 Flange to flange 200mm no of hole 4	Pelicon	10	Nos.			
		Puri/Pradeep					

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105	GM Globe valve15mm (IS-778) Screw end	ISI	10	Nos.			
106	CI GLOBE VALVE 20MM	Pelicon	3	Nos.			
		Puri/Pradeep					
107	Cast steel NRV, Screw End ,Size-20mm,Class 250,	ELEMN/Puri/Pradeep	20	Nos.			
108	Cast steel Globe Valve, Screw End ,Size-20mm,Class 250,	ELEMN/Puri/Pradeep	20	Nos.			
109	CI Foot Valve,4"	ISI	2	Nos			
E. M.S. Plates, M.S. Angle and M.S. Channel							
110	M.S.Plate 3mm Size 1.25 M X 6 M	TATA	708	kgs			
		SAIL					
		JINDAL					
111	M.S.Plate 5mm Size 1.25M X6 M	TATA	566	kgs			
		SAIL					
		JINDAL					
112	M.S. Plate 6mm Size 1.25m X 6 M	TATA	680	kgs			
		SAIL					
		JINDAL					
113	M.S. Plate 8mm Size 1.25M X 6 M	TATA	453	kgs			
		SAIL					
		JINDAL					
114	M.S. Plate 10mm Size 1.25M X 6 M	TATA	566	kgs			
		SAIL					
		JINDAL					
115	MS Plate 12mm Size 2M X 6M	TATA	1130	kgs			
		SAIL					
		JINDAL					
116	M.S Plate 25mm Size-1.25 M X 3 M	TATA	735	kgs			
		SAIL					
		JINDAL					
117	M.S Plate 50 mm Size-1.25 M X 3 M	TATA	1471	kgs			
		SAIL					
		JINDAL					
118	M.S. Angle 40x40x6 mm	TATA	200	kgs			
		SAIL					
		JINDAL					
119	M.S. Angle 50x50x6 mm	TATA	200	kgs			
		SAIL					
		JINDAL					

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120	M.S. Angle 65x65x8 mm	TATA	200	kgs			
		SAIL					
		JINDAL					
121	M.S. Channel 50x100 mm	TATA	300	kgs			
		SAIL					
		JINDAL					
122	M.S. channel 75x200mm	TATA	200	kgs			
		SAIL					
		JINDAL					
123	MS Flat size 35mm x 8mm	TATA	300	kgs			
		SAIL					
		JINDAL					
124	MS Flat size 65mm x 8mm	TATA	200	kgs			
		SAIL					
		JINDAL					
125	M.S Squire bar 16mm	TATA	50	kgs			
		SAIL					
		JINDAL					
126	M.S Squire bar 22mm	TATA	50	kgs			
		SAIL					
		JINDAL					
F. M.S. Pipes & Bends(IS-1239 Part1 'C' Class Heavy Duty)							
127	M.S. Pipe C Class 1/2"	TATA	30	mtrs			
		JINDAL					
128	M.S Pipe 3/4"	TATA	12	mtrs			
		JINDAL					
129	M.S. Pipe C Class 1"	TATA	30	mtrs			
		JINDAL					
130	M.S. Pipe C Class 1.5"	TATA	12	mtrs			
		JINDAL					
131	M.S. Pipe C Class 2"	TATA	30	mtrs			
		JINDAL					
132	M.S. Pipe C Class 2.5"	TATA	30	mtrs			
		JINDAL					
133	M.S. Pipe C Class 3"	TATA	48	mtrs			
		JINDAL					
134	M.S. Pipe C Class 4"	TATA	12	mtrs			
		JINDAL					
135	M.S. Pipe C Class 5"	TATA	12	mtrs			
		JINDAL					
136	M.S. Pipe C Class 6"	TATA	12	mtrs			
		JINDAL					

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137	M.S. Pipe C Class 200mm(IS 3589 Class C ERW) thikness -8mm	TATA	12	mtrs			
		JINDAL					
138	M.S. Pipe C Class 250mm(IS 3589 Class C ERW) thikness -8mm	TATA	6	mtrs			
		JINDAL					
139	M.S. Pipe C Class 300mm(IS 3589 Class C ERW) thikness -8mm	TATA	6	mtrs			
		JINDAL					
140	seamless pipe 1.5"	TATA	48	mtrs			
		JINDAL					
141	seamless pipe 2.5"	TATA	6	mtrs			
		JINDAL					
142	seamless pipe 3"	TATA	30	mtrs			
		JINDAL					
143	M.S. Short Bend C Class 1½"	ANY ISI	5	Nos			
144	M.S. Short Bend C Class 2"	ANY ISI	30	Nos			
145	M.S. Short Bend C Class 3"	ANY ISI	25	Nos			
146	M.S. Short Bend C Class 4"	ANY ISI	25	Nos			
147	M.S. Short Bend C Class 5"	ANY ISI	20	Nos			
148	M.S. Long Bend C Class 5" thickness 6mm.	ANY ISI	20	Nos			
149	M.S. Short Bend C Class 6" thickness 6mm.	ANY ISI	20	Nos			
150	MS Short Bend C Class 8" thickness 8mm.	ANY ISI	10	Nos			
151	M.S. Bend 250mm C class Thickness 8mm	ANY ISI	4	nos			
152	M.S. Bend 300mm C class Thickness 8mm	ANY ISI	2	nos			
153	Long bend 6",	ANY ISI	6	nos			
154	SS Bend 150mm (ss 304)	ANY ISI	10	nos			
155	SS Bend 100mm (ss 304)	ANY ISI	10	nos			
156	SS Bend 50mm (ss 304)	ANY ISI	10	nos			
157	M.S. Flange 2"(thickness-12mm) PCD-125MM OD-165MM STD	ANY ISI	24	Nos			
158	M.S. Flange 3"(thickness-12mm) STD	ANY ISI	20	Nos			
159	M.S. Flange 4"(thickness-12mm) PCD-180mm No of hole -8 STD	ANY ISI	30	Nos			
160	M.S. Flange 5"(thickness-12mm) STD	ANY ISI	30	Nos			
161	M.S. Flange 6"(thickness-12mm) STD	ANY ISI	30	Nos			
162	M.S. Flange ID-66mm,OD-132mm, (thickness-12mm) STD	ANY ISI	50	Nos			
163	IBR Flange 3/4' OD-100mm PCD-70MM No of hole -4 thk 10mm	ANYISI	50	Nos			
164	M.S. Flange -2",OD-132mm, (thickness-12mm),Nos of hole-4,PCD-104 mm	ANY ISI	30	Nos			
165	CI V- belt Pulley B section three Grooved,Size -15"	ANY ISI	4	Nos			
166	CI V- belt Pulley B section three Grooved,Size -5"	ANY ISI	4	Nos			
167	SS Flange size 50mm	ANY ISI	10	Nos			
168	SS Flange size 150mm	ANY ISI	10	Nos			
169	M.S.Round bar verious size rate quated per kg	ANY ISI	500	kgs			

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170	EN8 Square bar Various size Rate coated per Kg	ANY ISI	500	kgs			
171	S.S. Sperzer 6" with one side flange As per sample	ISI	2	Nos.			
	Spare for NK-1100 C/F machine						
172	Lock nut KM-15 as per SKF std (9930015)	NHEC	2	Nos			
173	Lock washer MB-15 as per SKF std (9940015)	NHEC	2	Nos			
174	Bearing,QJ215NQ MAC 2b 20	SKF	4	Nos			
175	Roller Bearing NU2215 RB	SKF	10	Nos			
176	HT Bolt full thread 16x35mm(10.8)	ISI	40	Nos			
177	HT Spring washer 16mm(10.8)	ISI	40	Nos			
178	HTNut Bolt Half thread 16x120mm(10.8)	ISI	40	Nos			
179	Brass washer hole 18mm thickness -3mm	ISI	50	Nos			
180	SS Allen bolt full thread 12x35mm	ISI	40	Nos			
181	SS bolt full thread 12x30mm	ISI	40	Nos			
182	SS Hexagonal bolt full thread 8x16mm	ISI	50	Nos			
183	SS Hexagonal bolt full thread 10x20mm	ISI	20	Nos			
184	SS Plane washer ID 10 mm,Thickness 5mm	ISI	20	Nos			
185	SS Distributer Complete set	NHEC	2	Sets			
186	HTXX Grease	Servo	5	Kgs			
187	SS Allen bolt full thread16x50mm	ISI	10	Nos			
	Spare for NG 1250 Batch type C/F machine						
188	Rubber seal kit for plough OUT cylinder	NHEC	4	Set			
189	Rubber seal kit for plough DOWN cylinder	NHEC	4	Set			
190	Rubber seal kit for plough UNLOCK cylinder	NHEC	2	Set			
191	Rubber seal kit for BRAKE cylinder	NHEC	2	Set			
192	Rubber seal kit for Hood actuating cylinder	NHEC	2	Set			
193	Rubber seal kit for MTC (charging flap) cylinder	NHEC	2	Set			
194	3 way single coil single acting 230V solenoid valve Rotex make	NHEC	2	Nos			
195	4 way single coil double acting 230V solenoid valve Rotex make	NHEC	2	Nos			
196	4 way double coil double acting 230V solenoid valve Rotex make	NHEC	2	Nos			
197	Molygraft RB2 grease for NG-1250	NHEC	5	Kgs			
198	Rubber 'V' seal Alt-IT for NK-1100 (08210993)	NHEC	5	Nos			
199	Rubber buffer ring for NG-1250 (08214378)	NHEC	2	Nos			
200	Brass straight nipple 1/4" BSPxØ8mm	NHEC	25	Nos			
201	Brass Tee 1/4" BSPx1/4" BSPx1/4" BSPxØ8mm	NHEC	4	Nos			
202	Brass Elbow 1/4" BSPx1/4" BSPxØ8mm	NHEC	4	Nos			
203	Rubber Star for batch type machine star Coupling (OD-210 mm, Width-50mm, No. of star-8)	Rotex	2	Nos			
204	Copper Tube Size 5/16"	ISI	18	Mtr.			
205	MTC complete set	NHEC	2	Set			
206	Shutter Valve	Rotex	6	Nos			

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207	Sigament	NHEC	60	Nos			
208	Delval make Limit Switch Assly with Open/Close indicator as per std,	DELVAL	2	Nos.			
209	Delval make Actuator Spar Gear (Insert) for DA125,	DELVAL	2	Nos.			
210	Rubber seat for Butterfly Valve Size DN300/12" Rating PN3.5 Body Disc-C1/D1 ApproxY Seat /Steam-EPDM/SS410 Sr.No.-114939-03	DELVAL	4	Nos.			
G. Rubber Items							
	All rubber items should be Neoprene rubber with temperture resist up to 250° C.						
211	Rubber cord, size - 19 x 14 mm,(as per sample)	Neoprene	100	mtrs			
212	Double beat valve rubber sheet OD- 176mm, ID-105 mm, Thickness - 10 mm (As per sample)	do	2	No			
213	Hose Pipe 1/4" Heavy duty wire Coated SAE -100R6 W.P.-28bar lenth 1000mm for continuous centrifugal machine	do	5	nos			
214	Rubber Hose pipe (wire breaded) 1/2"x700	ISI	5	nos			
215	Rubber Hose pipe 1"capable for pressure 10kg/cm2 and temp.150deg.C	do	200	Mtrs			
216	Hose pipe clamp ID-2",OD-3"	do	20	nos			
217	Clarifier mainhole rubber cord (As per sample)	do	15	Mtrs			
218	Evap. Body No-4 Right Angle Valve's Rubber seat,Size (OD-490mm Φ ,ID-450mmΦ, Total Thickness-25mm, Groving-10x5 mm) as per Sample	do	2	Nos.			
219	Sulpher burner sight glass rubber Size Ø 120x12mm for max. Temp resist up to 500°C	do	10	nos			
220	Rubber mud scrapper for Vacuum filter, Size 10 M x 150 mm X 20 mm	do	1	length			
221	Rubber Joint sheet 3mm	ISI	50	Kgs.			
222	Rubber Joint sheet 6mm	ISI	50	Kgs.			
223	Mud Belt conveyer 150mmx10mm lenth-20ft. (wire breaded)	ISI	1	No.			
224	Rubber U Seal 62x78x9.5	ISI	5	Nos.			
225	PU Seal 65x80x08	ISI	5	Nos.			
226	Rubber Hose pipe wire coated heavy duty 3/4 inch Ø size x 100 meter Length suitable for 100°c and pressure 7 kg/cm²	Any ISI	1	No.			
227	Rubber sheet for Quad right angle valve OD - 530mm, ID - 490mm , Thickness - 25mm Three steps (as per sample)	ISI	2	nos			
228	Rubber sheet for pan right angle valve no 4- size OD-345mm ID-145 Thickness-50mm stepped OD-245 mm thk 10mm as per sample	ISI	2	nos			
229	Rubber sheet for Pan Discharge valve (As per sample)	ISI	5	nos			

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230	Railway pattern rubber hose pipe 24 inchx2inch	ISI	8	nos			
231	Rubber Seal for Cylinder for penumatic type Discharge Valve (Complete Set as per sample)	ISI	5	Nos			
	RUBBER OIL SEAL						
232	Rubber Oil seal 42x63x9	NILKAMAL	2	Nos			
233	Rubber Oil seal 225x300x37	NILKAMAL	10	Nos			
234	Rubber Oil seal 38x47x7	NILKAMAL	2	Nos			
235	Rubber Oil seal 60x80x10	NILKAMAL	4	Nos			
236	Rubber V Seal for Lubricater Stainer (OD-150,ID-120 MM,Thk. !5 MM)	NILKAMAL	15	Nos			
237	Rubber Oil seal 250x354x50	NILKAMAL	10	Nos			
238	Rubber Oil seal 34.93x47.62x7.93	NILKAMAL	10	Nos			
239	Rubber Oil Seal Size 3275 - 3000 - 0375 TCK 2250 SC	NILKAMAL	10	Nos.			
240	Rubber Oil Seal Size 0781 - 1250 - 0250 TCK 32T2 SC	NILKAMAL	10	Nos.			
241	Rubber Oil Seal Size 0937 - 1375 - 0250 TCK 3273 SC	NILKAMAL	10	Nos.			
242	Rubber Oil Seal Size 3540 - 2500 - 0500 370 SC	NILKAMAL	10	Nos.			
243	Rubber Oil Seal size - SC 097x1875x0260mm	NILKAMAL	20	nos.			
	RUBBER BUSH						
244	Rubber bush 30x19x31	ISI	6	Nos			
245	Rubber bush 35x15x35	ISI	10	Nos			
246	Rubber bush 25x30x35	ISI	10	Nos			
247	Rubber Bush Outer Dia 25 mmx Middle dia 30mm x ID 12 mm x Length 35 mm	Any ISI	10	nos.			
248	Rubber Bush OD 25mm x ID 12mm x THK 16mm	Any ISI	50	nos			
	RUBBER V BELT						
249	Rubber V Belt A 45	FENNER	2	Nos			
250	Rubber V Belt B 94	FENNER	10	Nos			
251	Rubber V Belt C 105	FENNER	10	Nos			
252	Rubber V Belt C 150	FENNER	20	Nos			
253	Rubber V Belt C 128	FENNER	10	Nos			
254	Rubber V Belt B 42	FENNER	2	Nos			
255	Rubber V Belt C 126	FENNER	10	Nos			
	RUBBER TYRE FOR COUPLING						
256	Rubber tyre for coupling Ph-126	FENNER	15	Nos.			
257	Rubber tyre for coupling Ph-220	FENNER	2	Nos.			
258	Rubber tyre for coupling Ph-272	FENNER	5	Nos.			
	C I Complete coupling for						
259	Size EF 60 (without hole)	Any ISI	2	Nos			
260	size PH 220	Any ISI	2	Nos			
261	Size HPT 272	Any ISI	2	Nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
	TOOLS						
262	Pipe wrinch 12"	Taparia	2	Nos.			
263	Pipe wrinch 18"	Taparia	2	Nos.			
264	Spanner 7/8" (De)	Taparia	2	Nos.			
265	Spanner 7/8" (Ring)	Taparia	2	Nos.			
266	Spanner 36x41(De)	Taparia	2	Nos.			
267	Spanner10-11 D	Taparia	8	Nos.			
268	Spanner10-11 Ring	Taparia	8	Nos.			
269	Spanner18-19 D	Taparia	8	Nos.			
270	Spanner30-32 D	Taparia	6	Nos.			
271	Spanner12-13 Ring	Taparia	6	Nos.			
272	Spanner12-13 D	Taparia	6	Nos.			
273	Spanner14-15 D	Taparia	6	Nos.			
274	Spanner16-17 D	Taparia	6	Nos.			
275	Spanner 36x41 (Ring)	Taparia	2	Nos.			
276	Tin Cutter 18"	Taparia	2	Nos.			
277	Sissor 8"	Taparia	2	Nos.			
278	De - Spanner complete set	Taparia	2	sets			
279	Ring - Spanner complete set	Taparia	2	sets			
280	Adjustable wrench 16"	Taparia	2	Nos.			
281	Adjustable wrench 12"	Taparia	2	Nos.			
282	Box spanner set with rachel	Taparia	2	set			
283	Grease gun	prima make	2	Nos.			
284	Filler gauge 6" long	Taparia	2	Nos.			
285	Bench grinder grinding wheel Rough 12",ID- 1", THK - 1" Black	Any ISI	2	Nos			
286	Grinding Wheel Size-355mm x 3mm x 25.4 mm(A30SBF)	Bosch	5	Nos			
287	Grinding wheel smooth OD- 12", ID- 1", THK - 1"(carbide) Green	Bosch	2	Nos			
288	Chain Block - 2T Chain length-30mtr with test certificate.	Indef/ Moriss	1	no			
289	Chain Block - 5T Chain length-30mtr with test certificate.	Indef/ Moriss	1	no			
290	hexa blade 1/2"x12"	mirinda	160	Nos.			
291	Tool holder for shaper machine(coupling) 25mm diaxlenght -275mm	mirinda	2	Nos.			
292	Tool holder for shaper machine(coupling) 15mm diaxlenght -230mm	mirinda	2	Nos.			
293	Tool holder for shaper machine(coupling) 10mm diaxlenght -210mm	mirinda	2	Nos.			
294	Cutting tool 3/8"x4"	Mirinda	5	Nos.			
295	Diamond tips tool 25mm	Universal	2	Nos.			
296	Diamond tips tool 40mm	Universal	2	Nos.			
297	Radial Drill machine Spindle Travel 500mm	Santoshi M/c Tools	1	No.			
298	Power Hexhwa Blade HSS 450 mmx32x1.6mm(No.-6)	mirinda	4	Nos			
299	Mini Hackksaw Frame with Blade for cable cutting	mirinda	2	Sets			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
Mill House Spares							
300	Cutting Knife for leveller ,Weight-10.17 KG,IS:-2062(ST42-S),Blank Size-505x170x20 MM Thk.,(Drg. No.-A3-M-37136)	Any ISI	24	nos			
301	M S Slat for Cane carrier (DRW no. A2-M-36986) Length 1200mm width - 187mm thickness-6mm 8nos hole for bolt size 12mmdia Slat IS: 8236	Any ISI	50	nos			
IRC Chain spare part,Drg No-A2-M-35862)							
302	IRC Pin (OD 25 MM,Length 97 MM ,Drg No-A2-M-35862)	Any ISI	1500	nos			
303	IRC Chain Link Drg No-A2-M-35862	Any ISI	200	nos			
304	ROLLER,Drg No-A2-M-35862)	Any ISI	50	nos			
305	BUSH,Drg No-A2-M-35862)	Any ISI	2000	nos			
306	Side plate for pin round hole,Drg No-A2-M-35862)	Any ISI	50	nos			
307	SIDE Plate for pin slotted hole,Drg No-A2-M-35862)	Any ISI	200	nos			
308	SIDE Plate for Bush hole (slotted), Drg No-A2-M-35862)	Any ISI	500	nos			
309	Measchart Grooving Tool 40x40x300mm Carbide tip size-6x6x30mm	Any ISI	4	nos			
310	Roller grooving tool 40x40x300mm carbide tips size-40x50x9.7mm Thk. 40deg. & 45 deg.	Mirinda/Universal	2 No.Each	Nos.Each			
311	Roller grooving tool 25x25x300mm carbide tips size-25x32x8mm Thk. 40deg. & 45 deg.	Mirinda/Universal	2 No.Each	Nos.Each			
312	Mill Crown Pinion keys wt.-13kg Approx,Mat.-EN-9 Steel (Male-Female) Size-20x80x320 with two piece taper 100:1 keys As per sample	Any ISI	8	Set			
313	Alluminium Sheet thk.-1mm,Size-2mtrx1mtr	Any ISI	1	No.			
314	Spring steel flat, width- 40mm, thichness- 5mm	ISI	20	mtr			
315	Gear Coupling FG- 103, OD- 220mm, Hub dia - 150, no of holes- 6,PCD -185.	UNIQUE	2	Nos			
316	full gear coupling GC-106,Shaft size-86mm&98mm with Outside ring.	ISO Standard	2	Nos			
317	full gear coupling GC 102	ISO Standard	2	Nos			
318	CI Full Gear Coupling,FGC 101	ISO Standard	2	Nos			
319	Cane carrier bush ,(Cane Carrier Chain Spares: (DRW no. A2-M-17455)	ISI	500	NOS			
320	Cane carrier Pin,(Cane Carrier Chain Spares: (DRW no. A2-M-17455)	ISI	500	NOS			
321	Cane carrier ROLLER,(Cane Carrier Chain Spares: (DRW no. A2-M-17455)	ISI	300	NOS			
322	Side plate for pin round hole(DRW no. A2-M-17455)	ISI	50	NOS			
323	SIDE Plate for pin slotted hole(DRW no. A2-M-17455)	ISI	50	NOS			
324	SIDE Plate for Bush hole (slotted)(DRW no. A2-M-17455)	ISI	50	NOS			
RBC Chain spares(DRW No A2-M-37141							
325	BUSH	ISI	2000	NOS			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
326	ROLLER	ISI	50	NOS			
327	pin	ISI	100	NOS			
328	Side plate for pin round hole	ISI	50	NOS			
329	SIDE Plate for pin slotted hole	ISI	50	NOS			
330	SIDE Plate for Bush hole (slotted)	ISI	250	NOS			
331	Atteachment	ISI	50	NOS			
332	Hydraulik Jack 150 Ton, Height-200-250mm, Dia-200mm (With Integral Pumping Unit)	ISI	1	No.			
	Spares for Cane Unloader(FHE make)						
333	Seal kit for hydraulic pump	FHE	2	Set			
334	Direction control valve 24 Volt, Vickers Make	FHE	2	NOS			
335	Return line filter element parker 926169 Parkers USA	FHE	2	NOS			
336	Return line filter (Assy.)	FHE	2	Set			
337	Oil Level indicator LG6-05	FHE	2	NOS			
338	Hose pipe ¾" x 21" long one side 90 degree	FHE	2	NOS			
339	Hose pipe ¾" x 25" long one side 90 degree	FHE	2	NOS			
340	Hydraulic cylinder 80mm Dia for grab Left/Right	FHE	2	NOS			
341	Pin for grab cylinder	FHE	2	Set			
342	Pressure guage kit set	FHE	2	Set			
343	Glycerin filled pressure guage range 2"	FHE	2	NOS			
344	Control transformer 440VAC to 24V DC	FHE	2	NOS			
345	Manifold block for hydraulic grab	FHE	2	NOS			
346	Coil for D.C.V (24 VDC)	FHE	2	NOS			
347	Connector for D.C.V (24 VDC)	FHE	2	NOS			
348	Bearing for hydraulic cylinder	FHE	2	NOS			
349	Matalon Bush (45x55x50) for grab	FHE	2	NOS			
350	G.M. Bush for grab fingers	FHE	2	NOS			
351	Adaptor size 7/8" UNF x ¾" BSP (Suction) (FOR GRAB PUMP)	FHE	2	NOS			
352	Adaptor size 1.5/16" UNF x 1" BSP (Delivery)	FHE	2	NOS			
353	Adaptor size 1.7/8" UNF x 1½" BSP	FHE	2	NOS			
354	Copper washer set	FHE	3	Set			
355	"O" ring set for DCV	FHE	2	Set			
356	Bonded seal all Sizes	FHE	2	Set			
357	Adjustable Stool for Cane Unloader cabin	ISI	2	Nos			
358	Split Pin 7/32"x30mm	ISI	1500	Nos.			
359	MS Split Pin Dia-6.3mm(1/4")x55mm	ISI	3000	Nos.			
360	Demolition Hammer Model WH-15H Capacity 15 kg	Ralliwolf	1	Nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
361	Canvas reinforced chevron type rubber bucket for Mill hydraulic cap size-ID 210mm,OD 240mm,Thk. 60mm complete set in five pieces assembly as per sample.	ISI	8	Set			
362	Rubber O Ring (240x7) (As per sample for hydraulic Cap)	ISI	8	Set			
363	Centrifugal pump type KDS 335++ SIZE 50X40 S.NO A20AIYOOO3 HEAD RANGE 22.0-33.0 M capacity 4.5-2.6 l/s head 30 m RPM 2840 KW 2.2	Kirloskar brother / ltd dewash	1	no			
364	Lubricator Pump 20 points Model- LUBE D (Micro Precission)	Micro Precission	2	Nos			
	PUMPS						
365	SS Body and SS internal part Centrifugal type Mud Pump,Type-SHM 50/26 NB,Size-50 x 65,Capacity-25m ³ /Hr,Head-18M (Mud pump)	Kirloskar	2	Nos			
366	pH dosing correction pump ,cap- 0-20 HPH,presure- 0-90 kg/cm ²	Aquatech	2	Nos			
367	Self priming pump (wet scrubber pump) cap 50 ltr/sec Head 15mtr (ASN 1248C) NI-Hard Impeller	Green Force	1	No			
368	CI Body for swp 40/320	Sintech	4	Nos			
	Boiling house						
369	PVC Fan OD-22 Inch No of blade -7 bore size 1 inch for shaft(For blower)	ISI	3	Nos			
370	Sugar Elevator Chain (As per sample)	Any ISI	50	mtrs			
	IMPELLER						
371	Bronze/SS410 impeller model no. CPS 65 x 400	SINTECH	2	nos			
372	SS410 Impeller model no cps 65x430	SINTECH	2	nos			
373	SS410 impeller model no. SWP 50x 320	SINTECH	2	nos			
374	SS410 impeller model no. UMHQ 50x 32	SINTECH	2	nos			
375	GM Impeller model no. SMF 25X30 Sr N0-6303	SINTECH	2	nos			
376	SS impeller type MEGA -G 32-250	KSB	2	nos			
	REDUCTION GEAR						
377	Reduction gear type A 287, ratio 40:1 LA11, KW 2.2, RPM 1440.	PREMIUM	2	Nos			
378	Reduction gear type A 287, ratio 60:1 LA11, KW 2.2, RPM 1440.	PREMIUM	2	Nos			
379	Worm shaft of reduction gear type U 800 2W, ratio 40:1 R,	PREMIUM	2	Nos			
380	Worm shaft of reduction gear type U 1000, ratio 60:1 R,	PREMIUM	2	Nos			
381	CI pully of Sugar Hopper OD 630 mm, Width 115 mm, 4groove, C section for 'V' Belt C-128, No.of arm 6, Hub dia 195 mm & Bore size 125 mm, Total wt. 83 kg(With Sleeve)	Any ISI	1	no			
382	vaccum pump body type-PL-300 RPM-1250 HP30 N0-03/04/012	PPI Pumps	1	no			
383	vaccum pump type-PL-300 RPM-1250 HP30 N0-03/04/012	PPI Pumps	1	no			
	Progressing Cavity Screw pump size- 4 inch x 4 inch (Model No. PSL 21214AABN)	RISANSI					
384	Circlip lock	RISANSI	10	Nos.			
385	Head Pin	RISANSI	4	nos			

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386	Seal ring	RISANSI	2	nos			
387	Sleeve ring	RISANSI	16	nos			
388	Boot Seal	RISANSI	2	nos			
389	Rubber Stator	RISANSI	2	nos			
390	Bearing Spacer	RISANSI	4	nos			
	Progressing Cavity Screw pump size- 6 inch x 6 inch (Model No.-PSL-21620AABN)	RISANSI					
391	Head Pin	RISANSI	2	nos			
392	Rubber Stator	RISANSI	2	nos			
393	Pin	RISANSI	2	nos			
394	Diflector	RISANSI	4	nos			
395	Connecting Rode	RISANSI	2	nos			
396	Sleev Ring	RISANSI	16	nos			
397	Seal Ring	RISANSI	8	nos			
	Spare parts of Magma Pump Size- 9 inch x 9 inch x 9 inch (Model No.-PRO225AAA) ,Cap-20 TPH,Head- 30mwc, Pump Rpm-24	RISANSI					
398	Flap for SOR(Right side)	RISANSI	2	nos			
399	Flap for SOL(Left side)	RISANSI	2	nos			
400	GM strip	RISANSI	6	nos			
401	Spring	RISANSI	10	Nos.			
	Spare parts of Magma Pump Size- 6 inch x 6 inch x 6 inch(Model no-PRO150AAA),Cap-12TPH,Head 30mwc,Pump Rpm-36	RISANSI					
402	GM Bush	RISANSI	10	Nos.			
403	Flap for SOR(Right side)	RISANSI	2	nos			
404	Flap for SOL(Left side)	RISANSI	2	nos			
405	Spring	RISANSI	10	Nos.			
406	Bush for shaft	RISANSI	10	Nos.			
407	Bush for Rotor	RISANSI	10	Nos.			
	Spare parts of Centrifugal Pump						
408	Pump Shaft						
409	SWP 65/320	SINTECH	2	nos			
410	SMF 250/300	SINTECH	2	nos			
	pump sleeve (SS410)						
411	Shaft sleeve 50x320	SINTECH	4	nos			
412	CPS 65x430	SINTECH	4	Nos.			
413	SS Sleeve for wet Scrubber pump cap 50 ltr/sec Head 15mtr (ASN 1248C) NI-Hard Impeller	Green Force	8	Nos			
414	S.S. Sleeve Megachem 32x160 (K S B Make)	KSB	2	nos			
415	SSSleeve mode KPDI 50/26H	KILOSKAR	2	nos			
416	SS SLEEVE 65X320	SINTECH	4	nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
417	SS Sleeve UHMQ 50X320	SINTECH	4	nos			
418	SS Sleeve SMF 250X300	SINTECH	6	nos			
419	SS Sleeve CPS125X200	SINTECH	4	nos			
420	CI pully C section dia 5"(for rubber V belt C 128) no. of groove = 4	Any ISI	2	nos			
	Spares Of OC Filter(8' x 16') SL No-134 June/2008						
421	WHITE METAL Bush For Drum shaft	Simplex	2	No			
	Hardware Item						
422	Anabond 412,100ml	Anabond	6	Tubes			
423	Anabond 202,20ml	Anabond	30	Tubes			
424	Hole tight black liquide compound 1/2 L Capacity	ISI	2	Nos.			
425	Grinding wheel (AG-4-Grinder)	BOSCH	30	Nos.			
426	Anabond 666	ISI	50	Tubes			
427	Grinding wheel (AG-7-Grinder)	BOSCH	5	Nos.			
428	Hose Clamp 1/2"	ISI	12	Nos.			
429	Hose Clamp 3/4"	ISI	100	Nos.			
430	Hose Clamp 2"	ISI	40	Nos.			
431	Hose Clamp 3"	ISI	20	Nos.			
432	Hose Clamp 8"	ISI	5	Nos.			
433	Hexa Blade 1/2"	Standard quality	200	Nos.			
434	Cutting wheel 100mmx3mm	BOSCH	10	Nos.			
435	Borex Powder	ISI	1	Kgs			
436	Liquide brasso 270 ml capacity	ISI	4	Nos.			
437	Graphite powder (fine)	Standard quality	2	kgs			
438	Graphite powder (rough)	Standard quality	2	kgs			
439	Araldite (200 gms capacity)	Standard quality	2	tubes			
440	Resine (200 gms capacity)	Standard quality	2	tubes			
441	hardner (200 gms capacity)	Standard quality	2	tubes			
442	Lock Tight 406	Standard quality	2	tubes			
443	Tube Expende,Spare Roller with attachment Spindle Size - 42x45	ISI	1	set			
444	Namda (Felt) 10 mm 1mtrx1mtr	ISI	1 sheet	No.sheet			
445	Namda(Felt) 12 mm 1mtrx1mtr	ISI	1 sheet	No.sheet			
446	Red lead	ISI	5	Nos.			
447	White lead	ISI	5	kg			
448	Grinding Paste rough	Any ISI	500	Gram.			
449	Grinding Paste medium	IOL make	500	Gram.			
450	Grinding Paste Smooth	IOL make	500	Gram.			
451	Brass Farrul size 6 mm, 8 mm, 10 mm	Any ISI	50 Each	Nos.Each			
452	Break Liner (8 X 102)mm	ISI	3	no			
453	Break Liner (8 X 72)mm	Any ISI	2	mtr			
454	Alumunium Rivit 8 x 25 mm	ISI	50	Nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
455	Alumunium Rivit 8 x 30 mm	ISI	150	Nos			
456	Lock Tight 406	ISI	5	Tubes			
457	U Clamp with nut size 3/4"	ISI	10	nos			
458	U-clamp for wire rope 12mm	ISI	12	nos			
459	U-clamp for wire rope 16mm	ISI	12	nos			
460	GI pipe 1/2 inch	ISI	24	mtr			
461	GI tee 3/4 inch	ISI	50	nos			
	L. Casting Materials						
462	Brass sim 1mm, 0.9;mm 0.7mm 0.6mm 0.5mm,0.4mm 0.25 mm 0.3mm, 0.2mm, (Rate/kg)	ISI	2	kg each			
463	Brass sheet 1mm thick, 1mtr x 1mtr (Rate/kg)	ISI	1	no			
464	Brass Rod Size 40mmØx600mm (Rate/kg)	ISI	1	no			
465	Brass Rod Size 35mmØx1mtr (Rate/kg)	ISI	2	no			
466	Brass Rod Size 25mmØx600mm(Rate/kg)	ISI	1	no			
467	Brass Rod Size 100mmx600mm(Rate/kg)	ISI	1	no			
468	Copper tube1/4inch	ISI	3	mtr			
	Boiler Spares						
	High pressure valve: - (with IBR certificate)						
469	IBR valves : Size – 25mm, Gate valve, Class 800, Body-A 105, WPS/OIL-800, Stem- CR13, WEDGE-CR13, SEATRING-CR13. Design press – 52	KSB/Forbes Marshall	5	Nos			
470	IBR valves : Size – 20mm, Gate valve, Class 800, Body-A 105, WPS/OIL-800, Stem- CR13, WEDGE-CR13, SEATRING-CR13. Design press – 52 kg/cm2	KSB/Forbes Marshall	5	Nos			
471	IBR valves : Size – 40mm, Gate valve, Class 800, Body-A 105, WPS/OIL-800, Stem- CR13, WEDGE-CR13, SEATRING-CR13. Design press – 52 kg/cm2	KSB/Forbes Marshall	5	Nos			
472	IBR Gate valve class-600, Size-2.5", WCB,Flange to Flange distance-320mm, No. of Hole-8, Trim-410 Sr. No. - T32	KSB/Forbes Marshall	2	Nos			
	IBR tubes						
473	size - 1/2"	Tata Jindal	6	mtrs			
474	size - 1"	Tata Jindal	6	mtrs			
475	size - 3/4"	Tata Jindal	6	mtrs			
476	size - 1½"	Tata Jindal	6	mtrs			
477	IBR Flange Size-100mm (With IBR certificate)	ISI	4	Nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
	IBR elbow						
478	size - 1/2"	Tata Jindal	5	nos			
479	size - 1"	Tata Jindal	5	nos			
480	size - 1½"	Tata Jindal	5	nos			
	IBR Bend						
481	Size-4"	Tata Jindal	4	Nos			
482	Gauge Glass Transporent size-340 x 30 x 17 mm,DIN 7081	ILMADUR(MADE IN GERMANY)/KLINGER	8	nos			
483	IBR NRV,size-65mm(2.5inch),WCB.Class-600,FLANGE END	Forbes Marshall	3	Nos			
484	BOILER SAFETY VALVE-make Darling muesco(india pvt ltd) Model SVE-520 Sr No - 1.3.50, 1155 Year - 6/09 Body WCB- Trim Metal - SS410 ST, SetPressure-58 kg/cm2 back Pre.ATM ING 600x150 Discharge Cap. - 299TPH, SPR No - J 640, Out Let - 80, Orifice- L, GET-50	Darling muesco(india pvt ltd) or All any IBR Approved Valve	2	Nos			
485	CBD Valve,Type-Right angle needle, End connection size-25Nb, End connection type-flanged, working pressure-77Bar, Hydraulic test pressure-154kg/cm², Working temp-sturation, IBR certified .	Forbes Marshall or All any IBR Approved Valve	2	no			
	SPIRAL JOINTS						
486	Spiral joint 65x25x5	ISI	10	Nos			
487	Spiral joint 158X102X5	ISI	6	Nos			
488	Spiral joint 158x90x5	ISI	6	Nos			
489	Spiral joint 48x38x5	ISI	12	Nos			
490	Spiral joint 38x28x4	ISI	12	Nos			
491	Spiral joint 130x87x5	ISI	2	Nos			
492	Spiral joint 41x31x4	ISI	2	Nos			
493	Spiral joint 160x130x5	ISI	5	Nos.			
494	Spiral joint 62x25x5	ISI	5	Nos.			
	Dry Asbestos Rope(cotton)						
495	6.0 mm	Champion	5	kg			
496	10mm	Champion	15	kg			
497	12.0 mm	Champion	2	kg			
	Metalic Gland packing Champion Style 1916 SS Wired Rainforced Asbestor packing						
498	6.0 mm	Champion	12	Mtr			
499	8.0 mm	Champion	12	Mtr			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
500	10.0 mm	Champion	12	Mtr			
501	12.0 mm	Champion	6	Mtr			
	Non Metallic Gland packing & Joint Sheet Champion						
502	Size 12mm	Champion	15	Kgs.			
503	Size 16mm	Champion	5	Kgs.			
504	Non Metallic Joint sheet Style 20, Size-3mm	Champion	250	Kgs.			
505	Non Metallic Joint sheet Style 54, Size-3mm	Champion	50	Kgs.			
506	Non Metallic Joint sheet Style 54, Size-1mm	Champion	50	Kgs.			
	Metalic Joint Sheet Champion						
507	Metalic joint sheet, 6mm, style 54 (ss wired inside for boiler and turbine)	Champion	100	Kgs.			
508	Metalic joint sheet, 3mm, style 20	Champion	50	Kgs.			
509	Coupling nut bolt dia 10 mm thread size 28 mm length 80 mm for pin bush type	Any ISI	50	nos			
510	Coupling nut bolt dia 19 mm thread size 16 mm length 91 mm for pin bush type	Any ISI	50	nos			
511	Coupling nut bolt dia 19 mm thread size 16 mm length 98 mm for pin bush type	Any ISI	50	nos			
512	Coupling nut bolt dia 19 mm thread size 16 mm length 90 mm for pin bush type	Any ISI	50	nos			
	STUD						
513	Stud with nut size 5/8"x2.5"	Any ISI	10	nos			
514	Stud with nut size 1/2"x3"	Any ISI	10	nos			
515	Stud with nut size 10x30 mm (8.9)	Any ISI	20	nos			
516	Stud with nut size 10x50 mm (8.9)	Any ISI	100	nos			
517	Stud with nut size 12x50 mm (8.9)	Any ISI	100	nos			
518	Stud with nut size 12x65 mm (8.9)	Any ISI	10	nos			
519	Stud with nut size 12x100 mm (8.9)	Any ISI	10	nos			
520	Stud with nut size 16x50mm	Any ISI	20	nos			
521	Stud with nut size 16x100 mm	Any ISI	10	nos			
522	SS Stud 10x50mm	Any ISI	10	nos			
	MS NUT & BOLT						
523	M.S.Nut & Bolts (full Threads)straight-4.6 (various size) and M.S. Washer various size	Any ISI	1000	Kgs			
524	MS Bolt 12x40mm Half thread 4.6 with nyloc nut	Any ISI	100	Kgs			
525	MS Bolt 20x75mm Half thread 6.6 with nut	Any ISI	500	Kgs			
526	MS Bolt 16x40mm full thread 6.6 with nut	Any ISI	50	Kgs			
527	MS Bolt 16x50 half thread 6.6 with nut	Any ISI	50	Kgs			
528	Nyloc Nut M 22mm	Any ISI	50	Nos			
529	Half Thread bolt with nut size 16x75 mm 4.6	Any ISI	150	nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
530	Half Thread bolt with nut size 16x140 mm 4.6	Any ISI	25	Kgs.			
531	Bolt with nut size 20x100 mm 4.6	Any ISI	10	Kgs.			
532	Bolt with nut size 1/2"x3" 4.6	Any ISI	25	Kgs.			
533	Bolt with nut size 5/8"x4" 4.6	Any ISI	10	Kgs.			
534	Counter shunk bolt 5/8" x3"	ANY ISI	25	Kgs.			
535	MS Counter shunk bolt 10x20	ANY ISI	10	Kgs.			
536	Counter shunk bolt 10x35	ANY ISI	25	Kgs.			
537	SS BOLT 16MMX50MM full thread	Any ISI	10	Nos			
538	SS Bolt 16mmx120mm full thread	Any ISI	10	Nos			
	HT-NUT BOLT 10.9						
539	HT NUT 6mm	Any ISI	200	Nos.			
540	HT NUT 8mm	Any ISI	100	Nos.			
541	HT NUT 10mm	Any ISI	100	Nos.			
542	HT NUT 12mm	Any ISI	100	Nos.			
543	HT NUT 16mm	Any ISI	100	Nos.			
544	HT NUT 20mm	Any ISI	50	Nos.			
545	HT NUT 24mm	Any ISI	50	Nos.			
546	HT Nut & Bolt with washer 16x90mm (Half thread)	Any ISI	150	nos			
547	HT Nut & Bolt with washer 10x40mm	Any ISI	100	nos			
548	HT bolt & nut 6 x 25 mm(10.9)	Any ISI	100	nos			
549	HT bolt & nut 6 x 30 mm(10.9)	Any ISI	100	nos			
550	HT bolt & nut 6 x 50 mm(10.9)	Any ISI	30	nos			
551	HT bolt & nut 8 x 25 mm(10.9)	Any ISI	80	nos			
552	HT bolt & nut 8 x 40 mm(10.9)	Any ISI	100	nos			
553	HT bolt & nut 8 x 80 mm(10.9)	Any ISI	5	nos			
554	HT bolt and nut 10x75mm(10.9)	Any ISI	150	nos			
555	HT bolt & nut 12 x 40 mm(10.9)	Any ISI	1000	nos			
556	HT bolt and nut 12x50 mm(10.9)	Any ISI	200	nos			
557	HT bolt and nut 12x75 mm(10.9)	Any ISI	30	nos			
558	HT bolt & nut 16 x 75 mm (half thread) (10.9)	Any ISI	150	nos			
559	HT bolt and nut 16x120mm(10.9)	Any ISI	10	nos			
560	HT bolt and nut 20x90 mm half thread (10.9)	Any ISI	150	nos			
561	HT bolt and nut 20x100 mm half thread (10.9)	Any ISI	10	nos			
562	HT bolt and nut 20x150 mm half thread (10.9)	Any ISI	20	nos			
563	HT bolt and nut 22x150mm(10.9)	Any ISI	10	nos			
564	HT bolt & nut 16 x 40 mm(10.9)	Any ISI	200	nos			
565	HT bolt & nut 16 x 100mm(10.9)	Any ISI	50	nos			
566	HT bolt & nut 16 x 50 mm(10.9)	Any ISI	50	nos			
567	HT bolt and nut 12x60 mm(10.9)	Any ISI	50	nos			
568	HT bolt and nut 10X50 mm(10.9)	Any ISI	50	nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
569	HT bolt and nut 18x65 mm(10.9)	Any ISI	10	nos			
570	HT bolt and nut 18x140 mm(10.9)	Any ISI	5	nos			
571	HT bolt and nut 10x25mm(10.9)	Any ISI	10	nos			
572	HT bolt and nut 24x150mm(10.9)	Any ISI	10	nos			
573	HT bolt and nut 22x100mm(10.9)	Any ISI	30	nos			
574	HT bolt and nut 24x70mm half thread total length 85mm thread dia 24mm and remaining dia 25mm(10.9)	Any ISI	25	NOS			
575	HT bolt and nut 10x20mm(10.9)	Any ISI	100	Nos			
576	HT Theaded coupling bolt (30mm X 3/8" ϕ) + (15mm X 12 mm ϕ) & 16 mm ϕ head.(10.9)	Any ISI	50	nos			
577	trasporant type Water indication glass OD 20MM TEMP 150 dergri	ISI	25	mtr			
578	circlip 85mm outer	Any ISI	5	nos			
579	circlip 95mm outer	Any ISI	5	nos			
	Oil & Lubricants:						
580	Blue coat SM 85	Indian Oil	1050	Ltrs			
581	Blue coat 1/120	Indian Oil	210	Ltrs			
582	SP 320 (Protomac)	Indian Oil	1230	Ltrs			
583	H 68	Indian Oil	210	Ltrs			
584	H 176	Indian Oil	210	Ltrs			
585	Coolent	Indian Oil	10	Ltrs			
586	Molykote Grease	Molykote	20	Kgs.			
587	Servo Gem 2	Indian Oil	20	Kgs.			
588	Machine Oil 60 No.	Servo	10	Ltrs			
589	Engine Oil 15/40	GREAVES	120	Ltrs			
590	Engine Oil 20w40	GREAVES	5	Ltrs			
591	Reastollin	ISI	30	Ltrs			
592	Grease MP 3	Servo	200	Kgs			
593	Grease AP 3	Castrol	60	Kgs			
	Electrode:						
594	M.S. Welding electrode 3.15 mm	Valancy	500	kgs			
		L&T					

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
595	M.S. Welding electrode 2.5 mm	Valancy	50	kgs			
		L&T					
596	M.S. Welding electrode 4 mm	Valancy	150	kgs			
		L&T					
597	M.S. Welding electrode 4 mm No. 680	L&T/Valancy	5	kgs			
598	Azucar 100 Size-4mm	Brazil / AFROX/Valancy	80	kgs			
599	Cast iron electrode(machinable) 3.15mm ferry Gold 402	L&T/Valancy	30	Kgs.			
600	Cast iron electrode(machinable) 3.15mm	L&T/Valancy	5	kgs			
		L&T/Valancy					
601	S.S. Welding electrode 3.15 mm(machinable)	L&T/Valancy	5	kgs			
		L&T/Valancy					
602	S.S. Welding electrode 2.15 mm(machinable)	L&T/Valancy	2	kgs			
		L&T/Valancy					
603	S.S. Welding electrode 4 mm(machinable) super bond	L&T/Valancy	2	kgs			
		L&T/Valancy					
604	Mill roller Arcking electrode Azucar 80	Brazil	50	kgs			
		Valancy					
605	MS Welding electrode 7018 size 3.15mm machinable	L&T	10	kgs			
		Valancy					
606	M S welding Electode size-2.5mm,super bond SS7018	L&T	10	kgs			
		Valancy					
607	Brass welding Electode size-3.15mm,E 214 DC	Ador	2	kgs			
		Valancy					
608	M S welding Electode size-3.15mm,Super bond S	L&T	20	kgs			
		Valancy					
609	M S welding Electode size-2.5mm,Super bond S 6013	L&T	5	kgs			
		Valancy					
610	S.S. to S.S. Welding Electrode 308 No.	L&T	20	kgs			
		Valancy					
611	M.S. to S.S. Welding Electrode 309 No.	L&T	10	kgs			
		Valancy					
612	Welding Holder Handy cool HC-600	ESAB	5	Nos.			
613	Welding Glass white	Any ISI	50	Nos.			
614	Welding Glass Black	Any ISI	50	Nos.			
615	Hand Gloves (Leather) For Welding work(size-XL)	ESAB	20	Pairs			
616	Double stage Oxygen regulator (Dura Oxygen 0-10,Inlet-230Bar/outlet-10 Bar	ESAB	4	Nos			
617	Flash back Arrester Torch mounted,Model-FR18 pair(oxy & LPG)	ESAB	4	Nos			
618	Commercial LPG regulator	Any ISI	2	Nos.			
619	Inverter base single phase welding machine 250A,model-Arc 250i	ESAB	1	Nos.			
620	Inverter base 3 Phase welding machine 630A,model-Arc 630i	ESAB	1	Nos.			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
621	Gas cutting nozzles B1/32" ,B1/16" ,B1/8" ,B 3/64	Any ISI	4 each	Nos.each			
622	Flexible Copper Conductor Welding Cable upto 1100 Volts as per IS-9857(95mm ²),single core(HOFR)	ESAB/ Associates	200	Mtrs			
623	Gas cutting torch	Esab	2	Nos			
	General Item:						
624	PVC Pipe Size-6inch	ISI	24	Mtrs.			
625	PVC short Bend Size-6inch	ISI	5	Nos.			
626	PVC Long Bend Size-6inch	ISI	5	Nos.			
627	PVC Socket Size-6inch	ISI	5	Nos.			
628	Brass T, Both end 3/8", T side 1/4" (as per sample)	ISI	20	nos			
629	Copper tube OD- 3/8" (9.5mm,) ID- 7mm,	ISI	5	mtrs			
630	Copper tube OD- 4.5mm, ID- 3mm	ISI	3	mtrs			
631	Copper tube OD- 6mm	ISI	3	mtrs			
632	Ferrule size , , 6 mm , 16mm	ISI	50 (each)	nos (each)			
633	SS Ferrule 1/4"	ISI	20	nos			
634	Copper sim - 0.2mm, 0.5mm, 1 mm	ISI	2(each)	Kgs (eash)			
635	HSS Drill bit, Size - 1/4",1/2",3/8",5/8"	Mirinda	2(Each)	pices (Each			
636	HSS Tape, Size - 1/4",1/2",3/4",3/8",1",5/8"	Mirinda	2(Each)	pices (Each			
637	HSS Tape Size - 24mmx3mm Pitch,20mmx2.5mm Pitch, 16mmx2mm Pitch ,12mmx1.75 Pitch,18mmx2.5mm Pitch, 14mmx2mm Pitch,5mm	Mirinda	2(Each)	pices(Each)			
638	Screw driver 12 inch	taparia	5	nos			
639	pipe wrinch 24 inch	taparia	5	nos			
640	Grease gun1 kg	ISI	5	nos			
641	Grease gun Bucket	ISI	2	nos			
642	Safty belt	ISI	3	nos			
643	Number punch	ISI	2	nos			
644	Divider 24 inch	ISI	3	nos			
645	Dcycle 3/4 1/2 7/8 1.5; 1 2 inch	ISI	5 (each)	nos(each)			
646	D cylie 20mm 22 mm	ISI	2 (each)	nos(each)			
647	Tangular file 4mm	ISI	2 (each)	nos(each)			
648	Oil stone	taparia	2 (each)	nos(each)			
649	Filler gauge 6" long	ISI	2	sets			
650	Inside caliper 18 inch 24 inch	ISI	2(each)	nos(each)			
651	Niddle file set	ISI	2	sets			
652	Vernier Caliperse Digital 12"	ISI	2	Nos			
653	File 1/2 inch(round rough and smooth)	ISI	2(each)	nos(each)			
654	Carbide dimond tool 25mm	Mirinda	2	nos			
655	HSS tool carbide 25"	Mirinda	2	nos			

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656	HSS Cutting tool 5/8"x6" ,3/8"x4",1/2"x4",1/4"x4'	Mirinda	2(each)	nos(each)			
657	Tool holder for shaper machine	Mirinda	2	sets			
658	Alankey Set	taparia	2	sets			
659	Tool Holder 1",1/2",3/8", 5/8"	Mirinda	2(each)	nos(each)			
660	HSS (Boring tool) 1/2"x8",1/4"x8", 3/8"x8",5/8"x8"	Mirinda	2(each)	nos(each)			
661	Water Soluble cutting oil	Any ISI	2	Ltr			
662	Ferual for lubricator size-5mm,6mm,8mm,10mm	ISI	50 each	nos each			
663	Cu pipe size-5mm,6mm,8mm,9mm, 10mm-OD	ISI	10	mtrs			
664	En- 8 round bar 1" dia	ISI	3	mtrs			
665	Gun Metal round size- 2"dia 1mtr long	ISI	1	mtr			
666	Gun Metal roundbar size- 34mmdia 2050mm long(pan key)	ISI	1	no			
667	Massecuit sampling key /cock for checking of massecuit er sample (as per sample)	ISI	1	mtr			
668	Taplen Tape	ISI	200	Nos.			
669	Markeen cloth	ISI	200	Mtrs.			
670	Oil Paper	ISI	50	Nos.			
671	Hand Gloves (Cotton)	ISI	500	Pair			
672	Emery Tape 100No. 4"	ISI	100	Mtrs.			
673	Emery Tape 120No. 4"	ISI	300	Mtrs.			
674	Blue Plast Tube 20 gm	ISI	30	Nos.			
675	Cotton Waste	ISI	600	Kgs			
676	Cotton Waste (White)	ISI	20	Kgs			
677	Head screen	ISI	2	Nos.			
678	Nose Mask	ISI	250	Nos.			
679	Safty Goggles (White)	ISI	300	Nos.			
680	Wooden Strip Size 75mmx880mmxthick 15mm	Teak wood	100	nos			
681	Connecting shaft (wooden) Size (2400x150x100)mm	Teak wood	6	Nos			
682	Fire wood for boiler dia-6-12 inch dia and length 3ft to 6ft streight	Stander	100	ton			
683	HSS Power hexa blade size450mmx32mmx1.6mm(blade no 6)	mirinda	2	nos			
684	Oil Lubricator model-Oil LUBE D (MICRO PRECISSION),18 Point	micro precjsion	2	nos			
	Oil Lubricator model-OIL LUBE D (MICRO PRECISSION) spares						
685	Brass Connector 3/8inch	micro precjsion	20	Nos			
686	Rising drop type flow indicator	micro precjsion	2	Nos			
687	Piston adusting Nut	micro precjsion	25	Nos			
688	Filter	micro precjsion	5	Nos			
689	End flange	micro precjsion	5	Nos			
690	Middle flange	micro precjsion	5	Nos			
691	I Nut	micro precjsion	50	Nos			
692	Barrel set	micro precjsion	20.0	Nos			
693	Adopter Nut	micro precjsion	36.0	Nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks	
694	Delivari Adoptor	micro precsion	36.0	Nos				
695	Rocker arm assembly	micro precsion	18.0	sets				
696	Benjo bolt	micro precsion	50.0	Nos				
	PAINTS							
697	Tuffkote Bituminous Aluminium paint (Two pack)	Shalimar	100	Ltrs				
		Asian						
		Berger						
698	Red oxide zinc chromate primer	Shalimar	200	Ltrs				
		Asian						
		Berger						
699	Double boiled Linceed oil	Cat brand	100	Ltrs				
		Lotous						
700	Acid alkali heat resistance white paint, Temperture resist. 120 C.	Shalimar	100	Ltrs				
		Asian						
		Berger						
701	White paint for general use	Shalimar	120	Ltrs				
		Berger						
702	Black paint for general use	Shalimar	100	Ltrs				
		Asian						
		Berger						
703	Post office red, Enamel paint	Shalimar	140	Ltrs				
		Asian						
		Berger						
704	Golden Yellow, Enamel paint	Shalimar	140	Ltrs				
		Berger						
705	Azar blue, Enamel paint	Shalimar	140	Ltrs				
		Asian						
		Berger						
706	Green Paint	Shalimar	60	Ltrs				
		Asian						
		Berger						
707	Smoke Grey paint	Shalimar	100	Ltrs				
		Asian						
		Berger						
708	General purpose Thinner	Shalimar	200	Ltrs				
		Asian						
		Berger						

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709	Painting brush 1"	Any ISI	12	Nos			
710	Painting brush 2"	Any ISI	12	Nos			
711	Painting brush 3"	Any ISI	12	Nos			
712	Painting brush 4"	Any ISI	12	Nos			
713	Painting brush 5"	Any ISI	12	Nos.			
714	Spiral Round twisted Wire brush(8mm,10mm,12mm)	Any ISI	10(each)	Nos(each)			
	INSTRUMENTATION						
715	Large Display Indicator 409-4 IN	MASIBUS	3	Nos			
716	Inductive Proximity Switch,IPS D3 OG NO,10-30V DC,NO PNP 200mA,Dia-28mm	Jayashree/Protocontrol inst./	10	Nos			
	Electrical						
	ElectricalLIGHTING OR GENERAL ITEMS.						
717	Pendent Holder	Anchor	120	Nos			
718	Flourosent tube light, 40W, 230V	bajaj/ philips	20	Nos			
719	Cu. Ballast for flourosent tube light, 40W, 230V	bajaj/ philips	20	Nos			
720	Starter for flourosent tube light, 40W, 230V	bajaj/ philips	50	Nos			
721	Side holder for tube light,	bajaj/ philips	30	Nos			
722	Pin type LED lamp base cap-B22,7W	Havells	12	Nos			
723	Pin type LED lamp base cap-B22,10W	Havells	12	Nos			
724	Pin type LED lamp base cap-B22,15W	Havells	12	Nos			
725	Pin type Bulbs, 60W, 230V.AC	bajaj/ philips	300	Nos			
726	Screw type Bulbs, 60W, 230V.AC	bajaj/ philips	10	Nos			
727	Pin type Bulbs, 100W, 230V.AC	bajaj/ philips	100	Nos			
728	6A, 1 way Bed switch code-2527	Anchor	24	Nos			
729	6A, 1 way switch code-38014	Anchor	24	Nos			
730	Angle Holder 6Amps 240V.AC,50 HZ code-39797	Anchor	12	Nos			
731	plug 3 pin 6 Amps	Anchor	16	Nos			
732	plug 3 pin 16 Amps	Anchor	12	Nos			
733	plug 2 pin 6 Amps	Anchor	16	Nos			
734	Socket 5 pin 6 Amps	Anchor	20	Nos			
735	Socket 5 pin 16 Amps	Anchor	12	Nos			
736	Uni switch socket combined unit box,240v,50hz,20A & 10A code-14616	Anchor	12	Nos			
737	ENDURA WELL GLASS Neo - IP65,ENDURAWELGLASSNEOWGP40WLED757SPC	Havells	6	Nos			
738	Endura Highbrite Plus,ENDURAHIBRITEPLUSHP90WLED765S90DTOLENS	Havells	10	Nos			
739	Highbay Lighting ,Endura Baybrite Saucer,BAYBRITESAUCERHBP120WLED757S90DTOLT G	Havells	5	Nos			
740	Jeta Compacto IP65,JETA COMPECTOFL50WLED757LT G	Havells	10	Nos			

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741	Street Lights,ENDURPEARLSL25WLED757SASYTOPC	Havells	10	Nos			
742	LED Emergency lamp7 watt 6500 K	Panasonic/ Havells	12				
743	ENDURA CITYLITE PLATINUM,ENDURACITYLITEPLATSL30WLED757SASYBOPC	Havells	5	Nos			
	B Series SP MCB (In accordance with IS/IEC60898-1) 240V,50 Hz, 100KA Sutable forlighting and other domestic loads HSN Code -8536						
744	SP Cat No-DHMGBSPF006-032,6A	HAVELLS	10	Nos			
745	SP Cat No-DHMGBSPF006-032,10A	HAVELLS	10	Nos			
746	SP Cat No-DHMGBSPF006-032,16A	HAVELLS	10	Nos			
747	SP Cat No-DHMGBSPF006-032,25A	HAVELLS	10	Nos			
748	SP Cat No-DHMGBSPF006-032,32A	HAVELLS	10	Nos			
	'C' Series MCB (In accordance with IS/IEC 60898-1) 240/415V, 50Hz, 10kA Suitable for Motor and other Inductive loads HSN Code - 8536						
749	SPN Cat. No.-DHMGCSNF006-032,16A	HAVELLS	6	Nos			
750	SPN Cat. No.-DHMGCSNF006-032,25A	HAVELLS	6	Nos			
751	SPN Cat. No.-DHMGCSNF006-032,32A	HAVELLS	6	Nos			
752	TPN Cat. No-DHMGCTNF006-032,25A	HAVELLS	4	Nos			
753	TPN Cat. No-DHMGCTNF006-032,32A	HAVELLS	4	Nos			
754	TPN Cat. No-DHMGCTNF006-063,63A	HAVELLS	6	Nos			
	HomeSafe is a compact & aesthetic protection device which provides protection against overload & short circuit with help of MCB. It is designed for quick & easy installation.						
755	DP C 06-32A mini MCB with enclosure,DP Cat. No.-DHMPCDPA006-32,32A	HAVELLS	10	Nos			
756	DBOXx MCB Protected Socket,With Plastic Enclosure (for surface mounting) ,Cat. No-DHDTCSN0251025,25A MCB DBOXX COMBO Plastic,25A	HAVELLS	4	Nos			
757	Capacitor 2.5µfd, 230V	HAVELLS	12	Nos			
758	Capacitor 3.15µfd, 230V	HAVELLS	12	Nos			
759	Safety Hand Lamp set with 30 Mtrs wire	ISI	10	sets			
	MISCELLENIOUS ITEMES						
760	Adjustable Speed Controller, Model-AC-40	Dynaspeed	2	Nos			
	MOTORS SPARES						
761	Cooling Fan for slipring induction Motor(Frame-CW315MX,KW/HP-75/100,RPM-585,Make-CG)	CG	5	Nos			

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	Terminal Plates						
762	Terminal Plate for Squirrel cage Induction Motor(Frame-ND225S,KW/HP-30/40,RPM-1475,Make-CG)	CG	3	Nos			
	Tool & Tackels						
763	side cutting plier product No 1122-6N with cable stripper,165 mm	Taparia	10	sets			
764	Insulated Screw driver, blade length-200mm,blade diameter-3.5mm,tip-0.5mm,product No-832 I	Taparia	6	Nos			
765	Insulated Screw driver, blade length-200mm,blade diameter-4mm,tip-0.6mm,product No-833 I	Taparia	6	Nos			
766	Line tester Product.no 813	Taparia	12	Nos			
767	Line tester Product.no 818	Taparia	12	Nos			
768	Feeler Gauges729865 B series	SKF	2	sets			
769	Pulse ultra Plus Battery with SMPS Charger,Battery Rating-24V,32Ah,Charger Rating Amp-24V 5A,Part No-AX1013235 for 160 to 500KVA DG set	cummins	2	Nos			
770	Control board SDCS CON 4 For DCS800 Drive with software	ABB	2	Nos			
771	Power board SDCS PIN 4 For DCS800 Drive with software	ABB	2	Nos			
772	Compact LED indicating lamp 220/240VAC50/60 Hz colour red type3SB5285-6HCO3	SIEMENS	50	Nos			
773	Compact LED indicating lamp 220/240VAC50/60 Hz colour yellowtype3SB5285-6HCO3	SIEMENS	20	Nos			
774	Compact LED indicating lamp 220/240VAC50/60 Hz colour Blue3SB5285-6HCO3	SIEMENS	20	Nos			
775	Compact LED indicating lamp 220/240VAC50/60 Hz colour Greentype3SB5285-6HCO3	SIEMENS	20	Nos			
	Meters						
776	Ammeter, size-96x96 (0-15/90A) ACCURACY-1.5%	AE/ L&T	6	Nos			
777	Ammeter, size-96x96 (0-20/120A) ACCURACY-1.5%	AE/ L&T	3	Nos			
778	Ammeter, size-96x96 (0-25/150A) ACCURACY-1.5%	AE/ L&T	2	Nos			
779	Ammeter, size-96x96 (0-100A),CTR-100/5, ACCURACY-1.5%	AE/ L&T	2	Nos			
780	Ammeter, size-96x96 (0-150A) CTR-150/5,ACCURACY-1.5%	AE/ L&T	2	Nos			
781	Ammeter, size-96x96 (0-300/900A) CTR-300/5,ACCURACY-1.5%	AE/ L&T	2	Nos			
782	Ammeter, size-96x96 (0-250A) CTR-250/5,ACCURACY-1.5%	AE/ L&T	2	Nos			
	HARDWARER ITEMS						
	General Items:-						
783	C.R.C.(2/26), 500 ml	ISI Mark	10	bottle			
784	Anticorrosive liquid spray WD-40,500ml	ISI Mark	10	bottle			
785	Insulation varnish	Dr.Beck	10	Ltrs			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
786	Bectol Red	Dr.Beck	6	Ltrs			
787	Varnished Empire Adhesive Tape(3/4")	ISI Mark	6	Rolls			
788	Fibre Glass Tape(3/4")	ISI Mark	6	Rolls			
789	PVC insulation adhesive tape (3/4") RED, YELLOW , BLUE , GREEN.,BLACK	Steelgrip	100	Rolls(each colour)			
790	Cable tie(small size)	ISI Mark	2	Pack			
	Cable tie (big size)	ISI Mark	2	Pack			
791	Thinner 205	Dr.Beck	3	Ltrs			
792	MK1 DOL Starter(5.5KW),Cat NO- SS9610POAO,Coil Voltage-440,Relay Range-9-14	L&T	6	Nos			
793	MK1 DOL Starter(5.5KW),Cat NO- SS9610POAO,Coil Voltage-440,Relay Range-6-10	L&T	6	Nos			
	POWER CONTACTOR						
794	Hoisting duty contactor (3TF5000-0AP0), AC 3 duty, 110amp, coil 220volts with 2NO+2NC	Siemens	8	Nos			
795	Power contactor (3TF4772-0AP0),70Amps AC 3 duty, coil 220volts with 2NO+2NC	Siemens	6	Nos			
796	Power contactor (3TF3300-0AF0),22Amps AC 3 duty, coil 110volts with 2NO+2NC	Siemens	3	Nos			
797	Power contactor (3TF3200-0AP0),16Amps AC 3 duty, coil 220volts with 2NO+2NC	Siemens	3	Nos			
798	Power contactor (3TF3101-0AP0),12Amps AC 3 duty, coil 220volts	Siemens	3	Nos			
799	Power contactor (3TF3110-0AP0),12Amps AC 3 duty, coil 220volts	Siemens	3	Nos			
800	Power contactor (3TF3010-0AP0),9Amps AC 3 duty, coil 220volts	Siemens	3	Nos			
801	Power contactor (3TF3001-0AP0),9Amps AC 3 duty, coil 220volts	Siemens	3	Nos			
	Fuses						
802	Din type HRC Fuse(Type-3NA78200RC)50A NH00 breaking capacity-120KA 500V AC	Siemens	5	Nos			
803	Din type HRC Fuse(Type-3NA78200RC)63A NH00 breaking capacity-120KA 500V AC	Siemens	10	Nos			
	Main Contact Kits((set of 6 Fixed and 3 Moving contacts)			Nos			
804	3TF47 7,	SIEMENS	5	Nos			
805	3TF50,Heavy duty	SIEMENS	4	Nos			
806	For MK1 L& T startor 5HP,CAT NO-SS90983	L&T	5	Nos			
	SPARE COIL for						
807	for MK1 L& T startor ,400/440V,cat no-SS90047	L&T	10	Nos			
808	Al. lugs (crimping type)size-25sq.mm	Dowells	12	Nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
809	Al. lugs (crimping type)size- 185sq.mm	Dowells	12	Nos			
810	Standard Terminal Block(Melamine Housing) ,Cat NO-JCST 2.5 mini, 16mm²,87A	Jainson	50	Mtrs			
	Heat Resistant Flame Retardant HRFR PVC Insulated Industrial Cables Havells Single Core HRFR PVC Insulated Industrial Grade Copper Conductor (Unsheathed) Flexible Cables, 1100 Volts Conforming to IS: 694	Havells					
811	0.5sqmm,Basic code-WHFFDN...A1X50	Havells	90	Mtrs			
812	1sqmm,Basic code-WHFFDN...A1X0	Havells	90	Mtrs			
813	16 sq mm 3 core PVC insulated copper flexible cable (for cane unloader use)	Havells	60	Mtrs			
814	Armoured,LT Power Cables - Aluminium Conductor,XLPE Insulated,Cores Laid Up, PVC Innersheathed,Extruded PVC Type ST2 Sheathed, 650/1100V Grade As Per IS 7098(Part 1) 1988,185 sqmm,3 core	Havells	60	Mtrs			
815	Armoured,LT Power Cables - Aluminium Conductor,XLPE Insulated,Cores Laid Up, PVC Innersheathed,Extruded PVC Type ST2 Sheathed, 650/1100V Grade As Per IS 7098(Part 1) 1988,50 sqmm,3,5 core	Havells	200	Mtrs			
816	Copper flexible wire, 660V, two core	havells/Polycab/Gloster	360	Mtrs			
817	Spare for Turbine Auxiliary (Authorised Dealler						
818	SS Strainer, mess 140-150 micron Length-250 mm Dia-160mm	pelican	2	Nos			
819	Y Strainer,Size-150mm,Flange Mounted,Flange to Flange distance-475mm,Nos of Hole-8,Cast Iron,Screen-SS,with Mess-140-150 Micron,Model-H-44	pelican	2	Nos			
	Spare of Belliss Make HES 14 TYPE,3MW,T.A, Set No-BM/4808/B						
820	Control Valve assembly complete comperising of valve , valve sheet ,valve spindle and set of busses	Belliss india Authorised	2	set			
821	CSEV Vaive assembly complete comperising of valve , valve sheet ,valve spindle and set of bushes	Belliss india Authorised	1	set			
822	rubber bellow	Belliss india Authorised	2	Nos			
	Safety Instruments:						
823	Portable fire extinguisher CO2 type, capacity - 4.5kg, discharge value -	Any ISI	14	Nos			
824	Respiratory dust mask	Any ISI	100	Nos			
825	Rubber hand gloves	Any ISI	2	Pairs			
826	Safety goggles	Any ISI	50	Nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
	MOTORS						
827	3 phase Induction motor kw(HP) 75(100) Frame ND 2805, rpm 1480 Eff(FL) 94% Volt- 415±10% A.123 Duty S1(S.A Motor)	Crompton Greaves	1	No			
828	3 phase Induction motor kw(HP) 75(100) Frame ND 3156, rpm 987 Eff(FL) 94% Volt- 415±10% A.132 Duty S1(FD Motor)	Crompton Greaves	1	No			
829	3 phase Induction motor kw(HP) 30(40) Frame ND 200L, rpm 1475 Eff(FL) 92% Volt- 415±10% A.52 Duty S1 (RBC Motor)	Crompton Greaves	1	No			
830	3 phase Slip Ring Induction Motor kw(HP) 75(100) Frame CW 250S, rpm 1460 Eff(FL) 91.5% Volt- 415±10% A.134 Duty S1(Injection Water Motor)	Crompton Greaves	1	No			
	Repairing Work						
831	Power Turbine Belliss Make HES 14 TYPE,3MW,T.A, Set No-BM/4808/B (Rate quoted by supplier must be servicing done by Belliss India senior service Engineer) Spare parts replacement done by supplier ,Payment will be made on Company Price List.	OEM/Authorised Dealer	1	set			
832	Calibration of 3 MW TA set's Governor,model-UG-8,Make-Woodwards. (Rate quoted by supplier must be servicing done by Woodward's authorised senior service Engineer)Spare parts replacement done by supplier ,Payment will be made on Company Price List.	OEM/Authorised Dealer	1	set			
833	Centrifuge/ Filtration of Turbine oil (Servo prime 68T) (Rate coated Per Litre)	OEM/Authorised Dealer					
834	AVR cum excitation control panel Generator - rating 3000KW, 415V, 50HZ, 3Phase,Excitation voltage - 150V DC, Current - 5A DC, (AVR Panel -2 nos,Excitation control panel-1 no.) Make - SANELEC Excitation system pvt. Ltd.Spare parts replacement done by supplier ,Payment will be made on Company Price List.	OEM/Authorised Dealer	3	Nos			
835	T.G. control panel / ACB panels (Make- Contronics Switchgear Pvt. Ltd) (L&T ACB 3P 4000A- 2 nos, 1000A- 1no) (Relay, Make AREVA - 10 nos) Spare parts replacement done by you ,Payment will be made on Company Price List.Spare parts replacement done by supplier ,Payment will be made on Company Price List.	OEM/Authorised Dealer	1	No			
836	DG set Make- GRAVES, (Type - TBD 2V12 MK.11, 320 KVA - 2 no) (Rate quoted by supplier must be servicing done by GRAVES authorised senior service Engineer) (with spares parts) Spare parts replacement done by supplier ,Payment will be made on Company Price List.	OEM/Authorised Dealer	2	Nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
837	ABB/ Powerforma Make DC mill panel (DCS 800-SO2-820-5) - 4 nos Batch type C/F machine's panel (DCS 800-SO2-520-5) - 2 nos. Servicing of VFD Panel for ID Motor - 01 No (Rate quoted by supplier must be servicing done by ABB/Powerformers senior service Engineer) Spare parts replacement done by supplier ,Payment will be made on Company Price List.	OEM/Authorised Dealer	7	set			
838	Direct Current Motor,Frame-ILFC280L,Output-225KW,Speed-1000/1100RPM,Armature-460V,526A,Field-220V,9.6/7.5A,duty-S1,Ins. CI-F,Winding-Shunt,IP-23,IC-06(M/C No-20080034-01/02/03/04,Make-Integrated Electric,Co Pvt Ltd. Spare parts replacement done by supplier ,Payment will be made on Company Price List.	OEM	4	Nos			
839	Servicing of Split Air Condition 1.5 Ton,Make- Samsung Spare parts replacement done by supplier ,Payment will be made on Company Price List.	OEM	6	Nos			
840	Servicing of Split Air Condition 2 Ton,Make- Samsung Spare parts	OEM	2	Nos			
841	Electronic Sugar Weighing Scale, Capacity 0-100 KG (Make Shree Jee) Spare parts replacement done by you ,Payment will be made on Company Price List.	OEM/Authorised Dealer	1	No			
842	AMC of Online Monitoring System of ETP & Boiler Stack Note :- Contractor should be registered with CPCB for online countinuous monitoring system data transfer	Company Approved by CPCB		No			
843	AMC of Capacity 500KL/Day for Operation of Routine Precautionary Maintenance Of Effluent Treatment Plant (ETP) Terms & Conditions 1. Work of consultancy for compliance under Water prvention and control of pollution, act 1974 & Air prevention and control of pollution Act,1981 2. Company will Provide ETP incharge, ETP operator having minimum 3 to 4 years experience in same field. 3. Operator and supervison supplied by you for three shift during our crushing season 2020-21. 4.Your Job is crushing only (Before one month & after one month of plant start) 5. Company should having experience of online monitoring system 6. Company should having atleast three year in AMC with satisfactory letter. 7. Company to take care of the Enviroment Consultancy related to State pollution Control Board as well as Central Pollution Board . 8. Company Have Maintain the Parameter prescribed by C.P.C.B. Note :- A - Contractor should to have Experince of all legal compliances with central pollution control board and state pollution board . B - Contractor should comply all the monthly and annualy compliances of	Company Approved by CPCB					

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
844	SS Tube removing & fitting work of size-ID-42mm OD-45mm,length-	Autherised Dealer					
845	SS Tube removing & fitting work of size-ID-42mm OD-45mm,length-2005mm in Quad body-1,2 &3.Rate to be quotated per tube.	Autherised Dealer					
846	SS Tube removing & fitting work of size-ID-42mm OD-45mm,length-4055mm in Juice Heater-1,2,3 & 4.Rate to be quotated per tube.	Autherised Dealer					
847	SS Tube removing & fitting work of size-ID-87mm OD-90mm,length-755mm in Pan-1,2,3 & 4.Rate to be quotated per tube.	Autherised Dealer					
848	Air Blower (Clarification House) Make- Kay International Ltd., Capacity - 300 m3/hr, Pressure - 1 kg/cm2. (Rate quoted by supplier must be servicing done byKey International ltd. senior service Engineer) (Rate quoted by supplier must be servicing done by Key International Ltd. senior service Engineer)	OEM/Autherised Dealer	3	set			
849	Dynamic Balancing of Fibrizer, ID, FD, SA fan & continuous machine	OEM/Autherised Dealer	11	sets			
850	NHEC, Pune make, Batch(Model-NG 1250) - 2 nos (Rate quoted by supplier must be servicing done by NHEC senior service Engineer)	OEM/Autherised Dealer	2	sets			
851	NHEC, Pune make, continuous (Model-NK1100) type C/F machine - 5 nos (Rate quoted by supplier must be servicing done by NHEC senior service Engineer)	OEM/Autherised Dealer	5	sets			
852	Servicing of Gunny Bag Stching Machine with spare parts (Model No. ST-1000/80000 DX) Make Stichwell (Rate quoted by supplier must be servicing done by Sending in Company) Spare parts replacement done by you ,Payment will be made on Company Price List.	Autherised Dealer	3	Nos.			
853	Servicing of Feed pump Kirloskar Ebra Make Model- 80x65 MSSH 14M-Cap. 25m3/hr.Head-675mtr (Rate quoted by supplier must be servicing done by Kirloskar Ebra senior service Engineer) Spare parts replacement done by supplier ,Payment will be made on Company Price List.	Autherised Dealer	1	No			
854	Servicing of Juice Clarifier (Dia 24') Make- SIMPLEX As per Drg. No.-SET-CLFR-0133 (Rate quoted by supplier must be servicing done by SIMPLEX senior service Engineer) Spare parts replacement done by supplier ,Payment will be made on Company Price List.	Autherised Dealer	1	No.			
855	Vacuum Filter (size-8' x 16'),Simplex Make Complete removal of SS linar hydrolic testing of drum & accessories, High flow Valves , Vaccum aqualizing valves setting. (Rate quoted by supplier must be servicing done by SIMPLEX senior service Engineer)	OEM/Autherised Dealer	1	Nos			
856	GI Pipe line work dia 400mm length appr 50mtr with 3 bend with material rate quited per metre length GI Pipe Thickness 3mm.	Autherised Dealer					

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
857	Modification of cane Unloaders bridges and existing pillars in the cane yard. 5ton hydraulic Grabs (from 2 motion to 3 motion). 1. Decommissioning of existing cane Unloaders. 2. Errection & Commissioning of 06 gantry columns. 3. Errection & Commissioning of LT gantry. 4. Errection & Commissioning of repaired / Modified cane unloader bridges (02 Nos) , Hydraulic Trolley (02 Nos.) & Hydraulic grabs (02 Nos.).	OEM/Authorised Dealer					
858	Filling of Nitrogen Gas Cylinder of Mill House Max. Press.-330bar cap.-37 Ltrs. Working press.-170bar	Authorised Dealer	6	Nos			
859	RCC Channel for construction work for water drainage with 2M X 2M X 2M RCC Chamber. (With Digging and RCC work). Channel Length approx -150 Meter ,Width -600 mm(Inside) and Depth-1000 mm,Wall Thickness-100 mm. Note Chamber to covered with manhole by RCC Slabe.	Authorised Contractor					
860	Two stage industrial Air compressor (Boiler & PRD) - 3 nos Ingersoll Rand Ltd. (Model - 2545) (Rate quoted by supplier must be servicing done by Ingersoll senior service Engineer) Spare parts replacement done by you ,Payment will be made on Company Price List.	OEM/Authorised Dealer	3	set			
861	Air Compressure for Centrifugal Machine Model No.-TC-100 Bore-152.4mm Rpm-650 Press.-7kg/cm2 SI.No.-PEC003453 (Rate quoted by supplier must be servicing done by Kirloskar pneumatic Co.Ltd. senior service Engineer)	Authorised Dealer	1	No.			
862	Air Drier, GEM Pvt. Ltd. HLN series.(Rate quoted by supplier must be servicing done by GEM Pvt. Ltd. senior service Engineer) Spare parts replacement done by supplier ,Payment will be made on Company Price List.	OEM/Authorised Dealer	1	set			
863	AMC of DM Plant Cap.-10m3/Hr. Make- Aquatech	Authorised Contractor	1	No.			
864	Sugar bagging staker maintainance and servicing. Spare parts replacement done by you ,Payment will be made on Company Price List.	Authorised Contractor	1	No.			
865	Boiler Furnace and Refractory And Tiles work.	IBR Contractor	1	No.			
866	Boiler Instrument Control Pannel repairing Work By VRL Service Engineer. Spare parts replacement done by supplier ,Payment will be made on Company Price List.	Authorised Contractor	1	No.			
867	Boiler PRDS Instrumentation working Pressure-1.5kg/cm2 and Tem.-120deg. Spare parts replacement done by you ,Payment will be made on Company Price List.	IBR Contractor					

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
868	Servicing & Overhauling of Fibrizer motor Crompton greaves 3 phase AC Induction motor kw(Hp) 450(603), RPM 737 Frame KMR4505	OEM/Authorised Dealer	1	No			
869	Repairing of Boiler safty Valve -make tyco sanmar ltd size and style-2J4 HSJ-45-IBR; SL NO-20-1262 SET PRESS-51.15 Kg/cm ² G Assy no.A 2341-003-5001,Back pressure-Atmo,SDSP-51.15Kg/cm ² G,Cap-20406 kg/hr,over press-5%,Body no-WCB GRDSBY p14692-11 ES66 VS(with IBR test certificate)servicing. Spare parts replacement done by you ,Payment will be made on Company Price List.	OEM/Authorised Dealer	4	no			
Errection & Fabrication works							
870	Dismantalling, Errection & Fitting Rate of pipe rate per inch dia and per feet length.	Authorised contractor	2"				
			3"				
			4"				
			5"				
			6"				
			8"				
			10"				
871	Dismantalling, Errection & Fitting Rate of Bend & Tee	Authorised contractor	2"				
			3"				
			4"				
			5"				
			6"				
			8"				
			10"				
872	Patching Work Rate per Square feet	Authorised contractor					
873	Dismantalling, Errection & Fitting of flange,(Rate per dia)	Authorised contractor	2"				
			3"				
			4"				
			5"				
			6"				
			8"				
			10"				
			12"				

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
874	Dismantalling & Fitting of Valve	Autherised contractor	2"				
			3"				
			4"				
			5"				
			6"				
			8"				
			10"				
			12"				
875	IBR pipe line valve and other IBR welding work with Size 1/2" to 6"Dia.(Job work as per Instructed by CE and Boiler Engineer)	Autherised contractor					
876	Dismantalling, Erection ,Fabrication work of platform of vapour pipe line at pan station Rate quated lump sum	Autherised contractor	1	No			
877	Dismantalling,Errection & fitting of side plate of Sugar Grader (With four decks,Cap-15T/Hr),Three Star Make	Autherised contractor	1	No			
878	Vertical crystallizer painting work Rate per Squire feet and rise pipes replacement.	Autherised contractor					
879	Quad vapour line painting work Rate per Squire feet	Autherised contractor					
880	Insulation with SS clading of steam pipe line (including all material like SS clading with cloth) rate per square feet	Autherised contractor					
881	Ultrasonic thickness test of fibrizer shaft ,mill shaft, centrifugal machine shaft.	Autherised contractor	4	Nos			
882	Fabrication of Vapour Pipe line with bend ,OD-1020mm and 770mm (ton/mtr) ,suitable for existing position with material(ms plate thickness 10 mm confirming IS 2062)	Autherised contractor					
883	Epoxy painting of 10m3/hr D.M.Plant water storage tank size-6000mmDia X 5500mm height with matterial	Autherised contractor					
884	Rubberrized painting with matterial for 10m3/hr D.M.Plant water storage tank size 6000mmDia X5500mm height	Autherised contractor	1	per sq. mtr			
885	Manufacture a Godown for Sulphur Storage Size-10x15ft.,1mtr height from ground,Covered only upside by Tin sad (Rate quoted with matterial)	Autherised contractor	1	No.			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
886	Manufacture a Godown for Lime Storage Size-10x15ft.,1mtr height from ground,Covered all side by bricks & upside by Tin sad (Rate quoted with matterial)	Autherised contractor	4	No.			
887	Re-conditioning (welded & Grinding/Machining) Shape of Mill Crown Pinion Teeth. (As per Drg. No- A2-M-37135...)	Autherised contractor					
888	GI Pipe line work dia 400mm length approx- 50mtr with 3 bend with material rate to be quited per metre length GI Pipe Line Thickness 3mm	Autherised contractor	1	No			
889	DSM Screen- Fine Make S.S.Wedge wire Juice Screen complete with M.S. Housing having Flanged Feed & Discharge Connctions. A Steam Washing Arrangement from the back will be provided. Screen Specification:-Width-2100mm,Length-1600mm,Slit Opening- 0.7mm,Angle Subtended-45degree,Weight-1000kg.with erection and commissioning.	Fine Hole/ OEM	1	No			
890	Supply ERECTION & Commissioning of of VALMONT MAKE 16.00 m high mast system with head frame, galvanized lantern carriage. Mast shaft shall be in two sections, hot dip galvanized and suitable for 39(Mtr /Sec) wind velocity as per IS 875. Top Dia 150, Bottom Dia 410, Thickness 3/3. It shall include 2 wire rope Economic accessories for high mast including steel wire rope 6 mm dia (7/19 construction), trailing cable, double drum winch, suitable for 12 luminaires symmetrically & its control gear boxes and lightning finial. The mast shall have an integral powertool installed inside the base compartment for its operation. Luminaire wiring materials not included in the mast supply prices. Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates. Supply of GLS type single dome aviation obstruction light. Supply of control panel housing 32A single dial timer TPN MCB incomer, single dial timer contactor circuit for the automatic control of luminaires, outgoing terminals and control circuit for the power tool motor. Supply of LED floodlight type BENP 20FL 200W LED – 12 Nos(CG/BAJAJ MAKE) ERECTION PART- Construction of shallow foundation with concrete for the high mast considering the safe soil bearing capacity at site as 10 T/sqmr at 2 metre depth with all materials and labour. Erection of the high mast with the help of suitable tools and plants, wiring of luminaires with all wiring materials	VALMONT(Authorised Dealer only)	1	No			
891	Erection and commissioning of AC Drive(VFD) with 3.7 KW,1450RPM Motor for Bagasse Feeding Application(Details of Drive-Model-VSB48-009,Make-CGL,prewired AC drive Panel for 3.7KW AC Drive with MCB i/C,Push Button,Cooling Fan, and required accessories,Details of Motor- TEFC Squirrel Cage 3 Phase Induction Motor,3.7KW/5 HP,1450 RP,Make-CGL)	CGL(Authorised Dealer Only)		Set			
	Electrical Works						
	Rewinding of motors (Per Motor rate)						

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
892	0HP to 5HP ,1500rpm	Authorised Contractor/Rewinder					
893	0HP to 5HP ,1000rpm						
894	6HP to 10 HP ,1500rpm						
895	6HP to 10 HP ,1000rpm						
896	11 HP to 15 HP,1500rpm						
897	11 HP to 15 HP,1000rpm						
898	16HP to 20 HP,1500rpm						
899	16 HP to 20 HP,1000rpm						
900	21 HP to 25 HP,1500rpm						
901	21 HP to 25 HP,1000rpm						
902	26 HP to 30 HP,1500rpm						
903	26HP to 30 HP,1000rpm						
904	31 HP to 35 HP,1500rpm						
905	31HP to 35 HP,1000rpm						
906	36 HP to 40 HP,1500rpm						
907	36 HP to 40 HP,1000rpm						
908	41 HP to 45 HP,1500rpm						
909	41 HP to 45 HP,1000rpm						
910	46 HP to 50 HP,1500rpm						
911	46 HP to 50 HP,1000rpm						
912	51 HP to 55 HP,1500rpm						
913	51 HP to 55 HP,1000rpm						
914	56 HP to 60 HP,1500rpm						
915	56 HP to 60 HP,1000rpm						
916	Submersible Motor(0-2HP)						
917	Submersible Motor(3-5HP)						
918	Celing Fan						
919	Pedestal Fan						
	Mfg. Department (2020-21)						
	PROCESS & CLEANING MATERIALS. (AUTHORISED DEALER / MANUFACTURER)						
920	Nickel chrome screen size - 0.06 x 2.20 x 0.31, NHEC make NK 1100 machines.	Micro / Atul	2	nos.			
921	Nickel chrome screen size - 0.09 x 2.30 x 0.29, NHEC make NK 1100 machines.	Micro / Atul	6	nos.			
922	Brass linner (working face) for NHEC make NG-1250 model machine basket flat bottom & size 38" x 54", capacity 1250 kg/charge.	Micro / Atul	1	nos.			
923	Brass screen 4 mesh for NHEC make NG-1250 model machine basket flat bottom & size 38" x 54", capacity 1250 kg/charge.	Micro / Atul	1	nos.			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
924	Extra heavy duty flexible shaft having 16 mm dia of inner core and 32 mm OD of casing, Thread type socket length 10 meter with attached hand piece.	Any ISI	10	nos.			
925	Turk head steel wire brush size 42.5 mm "Suitable for 42mm ID (S.S. tube).	Any ISI	100	nos.			
926	Turk head steel wire brush size 87.0mm "Suitable for 87.0 mm ID (S.S. tube).	Any ISI	100	nos.			
927	Tube cleaning Cutter, size 42.0 mm "Suitable for 42mm ID (S.S. tube).	Any ISI	200	nos			
928	Extra heavy duty flexible shaft having 16 mm dia of inner core and 32 mm OD of casing, thread type socket length 15 meter with attached hand piece.	Any ISI	2	Nos			
929	No. 20 Single Spiral Brush Overall length about 8", wire portion 6" with 1/2" male threads. Size-for 16 mm ID Tube	Any ISI	10	nos			
930	Motor socket for Thread type socket extra heavy duty flexible shaft having 16 mm dia inner core & 32 mm OD of outer casing..	Any ISI	10	nos			
931	Conveyor chain complete for Stithwell Machine Company make Model No. ST-1000/80000 DX	Stithchwell	1	set			
932	3 Phase TEFC squirrel cage induction Motor,0.5HP,Frame-ND80,1440rpm,Duty-S1,IP-55	CG	2	Nos			
933	3 Phase TEFC squirrel cage induction Motor,1 HP,Frame-ND80,1440rpm,Duty-S1,IP-55	CG	2	Nos			
934	Foot Switch for Stithwell Machine & conveyer operating.	Stithchwell	2	Nos.			
935	C.I. Pully V section No. of groove-1, Pilot Bore,Size-3inch	Stithchwell	2	Nos.			
936	Rubber tyre Coupling PH 86 (Complete Set)	Any ISI	2	Nos.			
937	Rubber V Belt B-36	Any ISI	2	Nos.			
938	Niddle GB - 250 for Stithwell Machine Company make Model No. ST-1000/80000 DX	Stithchwell	20	nos			
939	Niddle for Revo make hand Stitching Machine Model No. DAD.	Revo	20	nos			
940	12mesh, S.S. wire netting, Size - 2.0 x 4.5 mtrs. 316 grade non megnetic.	Micro / Atul	2	Pc			
941	14 mesh, S.S. wire netting, Size - 2.0 x 4.5 mtrs. 316 grade non megnetic.	Micro / Atul	2	Pc			
942	Thermo Plastic Jet Nozzle for Evap./Pan Condenser of Spary Engineering Device. (As per Sample)	Spray Engineering	10	nos			
943	Spray water complete set for Batch type centrifugal machine model no. NG - 1250 of NHEC, Pune make. (As per Sample)	NHEC	1	set			
	S.S.TUBES						
944	S.S.Tube Length - 2005 mm, OD 45 mm & Thickness 1.5 mm (IS-13316-1992)	Manufacturer Authorized dealer	10	Nos			

Sr.	Description/Specification of material	Make	Qty Req.	Unit	Cost in Unit Without GST and other Taxes(In Rs.)	Total Cost Without GST and other Taxes(In Rs.)	Ramraks
945	S.S.Tube Length - 4055 mm, OD 45 mm & Thickness 1.5 mm (IS-13316-1992)	Manufacturer	10	Nos			
		Authorized dealer					
946	Burnt Lime of active available CaO content minium 80%, Silica free, Packed with polythene bag.	Katni / Rajasthan	100	M.T.			
		Manufacturer/Authorized dealer					
947	Bright yellow Sulphur in granular form, Moist max. 1%, 99.9% pure and free from dust & Arsenic, Ash 0.05%.	HP	20	M.T.			
		IOC					
		Authorized dealer					
948	Phosphoric Acid, Available P2O5 content 62%, Sp.gr. 1.69, Strength 85 % (H3PO4) As per ISI 10508-1983	Food Grade	500	kgs			
		Punjab					
		Ballarpur					
949	Aligen/ALPHOS - 85	NHC	500	kgs			
		Durochem					
950	Subec C Bioculture for ETP	Sudarsan	700	kgs.			
951	Micronutrients (Nutralisation chemical for E.T.P.)	Varuna	200	kgs.			
		Any ISI					
952	Isopropyle Alcohol based sugar Seed slurry of grain size 5-9 micron in 5 kg pack.	Ballarpur	200	kgs.			
		BASF					
		ION Exchange					
953	Formaldehyde (Formaline), 40 % pure minium.	Nuchem	300	kgs			
954	Hydrogen peroxide	NPL	200	kgs			
		APL					
955	(Nature 1035/Busan1035 / BIOCON - 400) Bioside for Mill sanitation	Buckman Laboratory	800	kgs			
		NHC					
956	Nature MTR	Nature Bio science	200	kgs			
957	Flocculating Agent, (Magna floc LT-27/FLOCTREAT)	NHC	200	kgs			
958	Viscosity Reducer (Bupan / VISCON 300)	Vangaurd	200	kgs			
		SNF					
		BASF					
959	Antifoaming Agent	BASF	300	kgs			
		NHC					
		SNF					
960	Colour precipitant / Enzydeh / COLOUR TREAT - 200	Ionexchange	200	kgs			
961	Scale Shoftner	BASF	400	Kgs			
		SNF					
		NHC					

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962	Bleaching powder IS 1065-1989, minium 34% pure	Birla	400	kgs			
		Gacl					
		Tata					
963	Caustic soda flacks, Alkanity 98.5%, IS 252:1991, Rayon grade.	TATA	10	MT			
		Meghmani					
964	Hydrochloric Acid,(HCL) 33 % pure for DM Plant (Properly Packed in 50 Kgs Capacity PVC Drum)	Standard ISI	18	M.T.			
965	Ammonia Bi floride minium 97% pure.	Tata	600	kgs			
		Birla					
		Mafatlal					
966	Soda ash, purity 99 % IS 251-1982	Ion exchange	600	kgs			
		GHCL					
967	Tri sodium Phosphate (Maxreeat-3223S)	Thermax	450	kgs			
968	Hydrazine hydrate (Maxtreat-3200)	Thermax	170	kgs			
969	Marfoline (Maxtreat-3333)	Thermax	500	kgs			
970	PH Booster (Maxtreat-3006)	Thermax	230	kgs			
	Laboratory Items						
971	Whatman Filter paper No. 1, 125mm dia, per pkt 100 circle,Export quality , for sugar factory use.	Qualigen/ GE Healthcare	5	pkts			
972	Digital TDS meter with cell complete, Range 0 – 1990 ppm.	Elico	2	no.			
		Toshcon					
973	Spare combine electrodes for Toshcon make pH meters	Elico	2	nos.			
		Toshcon					
	Brix hydrometer, glass with thermometer, Calibrated at 27.5 degree C with NPL Certificate.						
974	Range 0° - 10° Bx	GDR	3	nos.			
		German Make					
975	Range 10° - 20° Bx	GDR	3	nos.			
		German Make					
976	Range 20° - 30° Bx	GDR	4	nos.			
		German Make					
977	Borosilicate Glass Burate	Borosil	6	nos			
978	Reagent Bottel's Rack (Three Stories)	Standard ISI	2	Nos.			
979	Burate support With Clump	Standard ISI	2	Nos.			
980	Borosilicate Glass Pipet (100 ML)	Borosil	6	Nos.			
981	Borosilicate Glass Pipet (50 ML)	Borosil	6	Nos.			
982	Borosilicate Glass Pipet (25 ML)	Borosil	6	Nos.			
983	Borosilicate Glass Pipet (10 ML)	Borosil	6	Nos.			
984	Borosilicate Glass Pipet (5 ML)	Borosil	6	Nos.			

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985	Wash Bottel (1 Lit. Cap.)	Standard ISI	6	Nos.			
986	Borosilicate Glass Burate	Borosil	6	Nos.			
987	Conical Flask 250 ml, glass	Borosil	4	nos			
988	Borosilicate Glass Test Tube (150 mm Length X 10 mmDia)	Borosil	40	nos.			
989	Borosilicate Glass Test Tube (150 mm Length X 20 mmDia)	Borosil	40	nos.			
990	Measuring cylinder 500 ml, P.T.F.E.	TARSON	3	nos			
991	Measuring cylinder 1000 ml, P.T.F.E.	TARSON	3	nos			
992	Borosilicate Glass Biker (50 ml)	Borosil	6	nos			
993	Borosilicate Glass Biker (100 ml)	Borosil	6	nos			
994	Borosilicate Glass Biker (250 ml)	Borosil	6	nos			
995	Jugs enameled with handle, Capacity 1 ltr	Any ISI	6	nos			
996	Nylon Brush for Test-tube cleaning	Any ISI	6	nos			
997	TDS meter (HI 70032p) calibration solution.	Standard ISI	500	mls			
998	Boiler water test kit	Ion exchange	2	set			
		Indion					
		Any ISI					
999	Rubber hand glooves (Laboratory use)	Standard ISI	10	pairs			
1000	EDTA solution (N/50)	Qualigen	500	ml			
		merk					
1001	Con. HCL, Sp.gr. 1.18	Standard ISI	10	ltrs			
1002	Con. H2SO4, Sp. Gr. 1.84	Standard ISI	10	ltrs			
1003	Uranium Acetate	Standard ISI	25	Gms			
1004	Lead Acetate Basic Anhydrous (Lead sub acetate extra pure) (CH3COO)2 Pb.Pb(OH)	Davis	10	kg			
		Qualigen					
		Merk					
1005	Absolute Alcohol 99.9 % pure (500 ml Bottle)	Standard ISI	10	Nos.			
1006	Universal pH Indicator Solution, 500 ml Bottle	Qualigen	2	Nos.			
		merk					
1007	Fehling's Solution "A"	Qualigen	500	mls			
		merk					
1008	Fehling's Solution "B"	Qualigen	500	mls			
		merk					
1009	Buffer Tablets pH 4.0	Qualigen	2	pkts			
		merk					

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1010	Buffer Tablets pH 7.0	Qualigen merk	2	pkts			
1011	Penciline Injection,Impluse40 Lac	Qualigen merk	40	Nos.			
1012	Beaume Spindle s Hydrometer,Bross,GDR Make,Range 0-10	GDR	2	Nos.			
1013	Pan sample checking Glass size- 50 mm x 75 mm x 5 mm Plain glass	Standard ISI	20	Nos			
	PACKING MATERIALS						
1014	Printed HD PPE bags for filling 50 kg sugar of 11 x 11 mesh, size 59 cm x 90 cm with inner linner of 200 gauge size 61 cm x 94 cm weight not less than 160 gm±5 gm (100 gms Bag & 60 gms of inner linner) white colour. IS-14968:2015, Manufacturer must have BIS Licence for any food grain bags. & Print Crusing Season 2020-21	Manufacturer/Authorised Dealer	100,000	Nos.			
1015	Bag Stching thread, 3 Ply 2000 yards (Material-Polyster or Nylon)	Standard ISI	500	Nos.			
1016	Hand Trolley for sugar Bag Shifting (Holding Cap.-100Kg.)	Standard ISI	6	Nos.			
1017	Single Needle With Oil Pump Bag Closer Hand Stitching Machine	Revo make	2	Nos.			
1018	White Polythene Sheet, size 12 x 30 mtrs (thickness 1.0 mm)	ISI Mark	6	nos			
1019	Black Pollythene Sheet, size 12 x 30 mtrs (thickness 1.0 mm)	ISI Mark	6	nos			
1020	HDPE Heavy duty Plastic covor (200 GSM) Tarpaulin Cover for Sugar bag Stack size 12x30 mtrs (thickness)	ISI Mark	6	nos			
1021	condensate receiver sight glass strip small as per sample	ISI	20	nos			
1022	Pan & Evap. Light & sight glass Size Ø 200x20mm strip, as per sample	ISI	20	nos			

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