

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)	Remarks
	Bearings						
1	Bearing with Housing T 210	SKF/FAG	2	Nos			
	Plumber Block & Spares						
2	Sleeve-H-319	SKF/FAG	2	Nos			
3	Sleeve-H-311	SKF/FAG	2	Nos			
4	Sleeve-H-3128	SKF/FAG	2	Nos			
5	Sleeve H 316	SKF/FAG	4	Nos			
6	circlip 95	ISI	10	Nos			
7	Bagacillo Blower Shaft with Impeller & Plumber Block	Simplex	1	set			
8	Plumber Block of Bearing 22230K Special Design for Hopper Connecting Shaft	ANY ISI	2	Nos.			
9	Plumber Block(SN-516)	SKF/FAG/J&J	2	Nos			
10	Plumber Block(3148)	SKF/FAG/J&J	2	Nos			
	F. M.S. Pipes & Bends(IS-1239 Part1 'C' Class Heavy Duty)						
11	M.S. Pipe C Class 200mm(IS 3589 Class C ERW) thikness -8mm	TATA JINDAL	12	mtrs			
12	M.S. Pipe C Class 250mm(IS 3589 Class C ERW) thikness -8mm	TATA JINDAL	6	mtrs			
13	M.S. Pipe C Class 300mm(IS 3589 Class C ERW) thikness -8mm	TATA JINDAL	6	mtrs			
14	seamless pipe 1.5"	TATA JINDAL	48	mtrs			
15	seamless pipe 2.5"	TATA JINDAL	6	mtrs			
16	seamless pipe 3"	TATA JINDAL	30	mtrs			
17	M.S. Short Bend C Class 1½"	ANY ISI	5	Nos			
18	M.S. Short Bend C Class 2"	ANY ISI	30	Nos			
19	M.S. Short Bend C Class 3"	ANY ISI	25	Nos			
20	M.S. Short Bend C Class 4"	ANY ISI	25	Nos			
21	IBR Flange 3/4' OD-100mm PCD-70MM No of hole -4 thk 10mm	ANYISI	50	Nos			
22	M.S. Flange -2",OD-132mm, (thickness-12mm),Nos of hole-4,PCD-104 mm	ANY ISI	30	Nos			
23	SS Flange size 50mm	ANY ISI	10	Nos			
24	SS Flange size 150mm	ANY ISI	10	Nos			
25	S.S. Sperzer 6" with one side flange As per sample	ISI	2	Nos.			

	RUBBER OIL SEAL					
26	Rubber Oil seal 225x300x37	NILKAMAL	10	Nos		
27	Rubber Oil seal 38x47x7	NILKAMAL	2	Nos		
28	Rubber V Seal for Lubricater Stainer (OD-150,ID-120 MM,Thk. 15 MM)	NILKAMAL	15	Nos		
29	Rubber Oil seal 250x354x50	NILKAMAL	10	Nos		
30	Rubber Oil seal 34.93x47.62x7.93	NILKAMAL	10	Nos		
31	Rubber Oil Seal Size 3275 - 3000 - 0375 TCK 2250 SC	NILKAMAL	10	Nos.		
32	Rubber Oil Seal Size 0781 - 1250 - 0250 TCK 32T2 SC	NILKAMAL	10	Nos.		
33	Rubber Oil Seal Size 0937 - 1375 - 0250 TCK 3273 SC	NILKAMAL	10	Nos.		
34	Rubber Oil Seal Size 3540 - 2500 - 0500 370 SC	NILKAMAL	10	Nos.		
35	Rubber Oil Seal size - SC 097x1875x0260mm	NILKAMAL	20	nos.		
	C I Complete coupling for					
36	Size EF 60 (without hole)	Any ISI	2	Nos		
	TOOLS					
37	Spanner 7/8" (De)	Taparia	2	Nos.		
38	Spanner 7/8" (Ring)	Taparia	2	Nos.		
39	Tin Cutter 18"	Taparia	2	Nos.		
40	Sissor 8"	Taparia	2	Nos.		
41	Grease gun	prima make	2	Nos.		
42	Filler gauge 6" long	Taparia	2	Nos.		
43	Bench grinder grinding wheel Rough 12",ID- 1", THK - 1" Black	mirida	2	Nos		
44	Grinding Wheel Size-355mm x 3mm x 25.4 mm(A30SBF)	Bosch	5	Nos		
45	Chain Block - 2T Chain length-30mtr with test certificate.	Indef/ Moriss	1	no		
46	Chain Block - 5T Chain length-30mtr with test certificate.	Indef/ Moriss	1	no		
47	Tool holder for shaper machine(coupling) 25mm diaxlenght -275mm	mirinda	2	Nos.		
48	Tool holder for shaper machine(coupling) 15mm diaxlenght -230mm	mirinda	2	Nos.		
49	Tool holder for shaper machine(coupling) 10mm diaxlenght -210mm	mirinda	2	Nos.		
50	Diamond tips tool 25mm	Universal	2	Nos.		
51	Diamond tips tool 40mm	Universal	2	Nos.		
52	Radial Drill machine Spindle Travel 500mm	Santoshi M/c Tools	1	No.		
53	Power Hexhwa Blade HSS 450 mmx32x1.6mm(No.-6)	mirinda	4	Nos		
	IRC Chain spare part,Drg No-A2-M-35862)					
54	Measchart Grooving Tool 40x40x300mm Carbide tip size-6x6x30mm	Any ISI	4	nos		
55	Alluminium Sheet thk.-1mm,Size-2mtrx1 mtr	Any ISI	1	No.		
56	Spring steel flat, width- 40mm, thichness- 5mm	ISI	20	mtr		
	Spares for Cane Unloader(FHE make)					
57	Demolition Hammer Model WH-15H Capacity 15 kg	Ralliwolf	1	Nos		
	PUMPS					
58	pH dosing correction pump ,cap- 0-20 HPH,presure- 0-90 kg/cm ²	Aquatech	2	Nos		
59	Self priming pump (wet scrubber pump) cap 50 ltr/sec Head 15mtr (ASN 1248C) NI-Hard Impeller	Green Force	1	No		
	Boiling house					

60	PVC Fan OD-22 Inch No of blade -7 bore size 1 inch for shaft(For blower)	ISI	3	Nos		
61	Sugar Elevator Chain (As per sample)	Any ISI	50	mtrs		
	IMPELLER					
62	SS impeller type MEGA -G 32-250	KSB	2	nos		
	Spare parts of Magma Pump Size- 6 inch x 6 inch x 6 inch(Model no-					
63	GM Bush	RISANSI	10	Nos.		
64	Bush for shaft	RISANSI	10	Nos.		
65	Bush for Rotor	RISANSI	10	Nos.		
66	SS Sleeve for wet Scrubber pump cap 50 ltr/sec Head 15mtr (ASN 1248C) NI-Hard Impeller	Green Force	8	Nos		
67	S.S. Sleeve Megachem 32x160 (K S B Make)	KSB	2	nos		
68	SSSleeve mode KPDI 50/26H	KILOSKAR	2	nos		
69	CI pully C section dia 5"(for rubber V belt C 128) no. of groove = 4	Any ISI	2	nos		
	Hardware Item					
70	Anabond 412,100ml	Anabond	6	Tubes		
71	Anabond 202,20ml	Anabond	30	Tubes		
72	Hole tight black liquide compound 1/2 L Capacity	ISI	2	Nos.		
73	Grinding wheel (AG-4-Grinder)	BOSCH	30	Nos.		
74	Anabond 666	ISI	50	Tubes		
75	Grinding wheel (AG-7-Grinder)	BOSCH	5	Nos.		
76	Borex Powder	ISI	1	Kgs		
77	Liquide brasso 270 ml capacity	ISI	4	Nos.		
78	Araldite (200 gms capacity)	Standard quality	2	tubes		
79	Resine (200 gms capacity)	Standard quality	2	tubes		
80	hardner (200 gms capacity)	Standard quality	2	tubes		
81	Namda (Felt) 10 mm 1mtrx1mtr	ISI	1 sheet	No.sheet		
82	Namda(Felt) 12 mm 1mtrx1mtr	ISI	1 sheet	No.sheet		
83	Red lead	ISI	5	Nos.		
84	White lead	ISI	5	kg		
85	Brass Farrul size 6 mm, 8 mm, 10 mm	Any ISI	50 Each	Nos.Each		
86	Break Liner (8 X 102)mm	ISI	3	no		
87	Break Liner (8 X 72)mm	Any ISI	2	mtr		
88	Alumunium Rivit 8 x 25 mm	ISI	50	Nos		
89	Alumunium Rivit 8 x 30 mm	ISI	150	Nos		
90	U Clamp with nut size 3/4"	ISI	10	nos		
91	U-clamp for wire rope 12mm	ISI	12	nos		
92	U-clamp for wire rope 16mm	ISI	12	nos		
93	GI pipe 1/2 inch	ISI	24	mtr		
94	GI tee 3/4 inch	ISI	50	nos		
	L. Casting Materials					

95	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			
96	Brass sheet 1mm thick, 1mtr x 1mtr (Rate/kg)	ISI	1	no			
97	Brass Rod Size 40mmØx600mm (Rate/kg)	ISI	1	no			
98	Brass Rod Size 35mmØx1mtr (Rate/kg)	ISI	2	no			
99	Brass Rod Size 25mmØx600mm(Rate/kg)	ISI	1	no			
100	Brass Rod Size 100mmx600mm(Rate/kg)	ISI	1	no			
101	Copper tube1/4inch	ISI	3	mtr			
	IBR Tubes						
102	size - 1/2"	Tata Jindal	18	mtrs			
103	size - 1"	Tata Jindal	18	mtrs			
104	size - 3/4"	Tata Jindal	18	mtrs			
105	size - 1½"	Tata Jindal	18	mtrs			
106	IBR Flange Size-100mm (With IBR certificate)	ISI	4	Nos			
	IBR Elbow						
107	size - 1/2"	Tata Jindal	5	nos			
108	size - 1"	Tata Jindal	5	nos			
109	size - 1½"	Tata Jindal	5	nos			
	IBR Bend						
110	Size-4"	Tata Jindal	4	Nos			
111	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			
112	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			
113	Coupling nut bolt dia 10 mm thread size 28 mm length 80 mm for pin bush type	Any ISI	50	nos			

114	Coupling nut bolt dia 19 mm thread size 16 mm length 91 mm for pin bush type	Any ISI	50	nos			
115	Coupling nut bolt dia 19 mm thread size 16 mm length 98 mm for pin bush type	Any ISI	50	nos			
116	Coupling nut bolt dia 19 mm thread size 16 mm length 90 mm for pin bush type	Any ISI	50	nos			
	HT-Nut Bolt 10.9						
117	HT Theaded coupling bolt (30mm X 3/8" ϕ) + (15mm X 12 mm ϕ) & 16 mm ϕ head.(10.9)	Any ISI	50	nos			
118	trasporant type Water indication glass OD 20MM TEMP 150 dergri	ISI	25	mtr			
119	circlip 85mm outer	Any ISI	5	nos			
120	circlip 95mm outer	Any ISI	5	nos			
	Oil & Lubricants:						
121	Blue coat 1/120	Indian Oil	210	Ltrs			
122	SP 320 (Protomac)	Indian Oil	1230	Ltrs			
123	H 68	Indian Oil	210	Ltrs			
124	H 176	Indian Oil	210	Ltrs			
125	Coolent	Indian Oil	10	Ltrs			
126	Servo Gem 2	Indian Oil	20	Kgs.			
127	Machine Oil 60 No.	Servo	10	Ltrs			
128	Engine Oil 15/40	GREAVES	120	Ltrs			
129	Engine Oil 20w40	GREAVES	5	Ltrs			
	Electrode:						
130	Commercial LPG regulator	Any ISI	2	Nos.			
	General Itam:						
131	PVC Pipe Size-6inch	ISI	24	Mtrs.			
132	PVC short Bend Size-6inch	ISI	5	Nos.			
133	PVC Long Bend Size-6inch	ISI	5	Nos.			
134	PVC Socket Size-6inch	ISI	5	Nos.			
135	Brass T, Both end 3/8", T side 1/4" (as per sample)	ISI	20	nos			
136	Copper tube OD- 3/8" (9.5mm,) ID- 7mm,	ISI	5	mtrs			
137	Copper tube OD- 4.5mm, ID- 3mm	ISI	3	mtrs			
138	Copper tube OD- 6mm	ISI	3	mtrs			
139	Ferrule size , , 6 mm , 16mm	ISI	50 (each)	nos (each)			
140	SS Ferrule 1/4"	ISI	20	nos			
141	Cupper sim - 0.2mm, 0.5mm, 1 mm	ISI	2(each)	Kgs (eash)			
142	HSS Drill bit, Size - 1/4", 1/2", 3/8", 5/8"	Mirinda	2(Each)	pices (Each)			
143	HSS Tape, Size - 1/4", 1/2", 3/4", 3/8", 1", 5/8"	Mirinda	2(Each)	pices (Each)			
144	HSS Tape Size - 24mmx3mm Pitch, 20mmx2.5mm Pitch, 16mmx2mm Pitch , 12mmx1.75 Pitch, 18mmx2.5mm Pitch, 14mmx2mm Pitch, 5mm	Mirinda	2(Each)	pices(Each)			

145	Grease gun Bucket	ISI	2	nos			
146	Number punch	ISI	2	nos			
147	Divider 24 inch	ISI	3	nos			
148	Dcycle 3/4 1/2 7/8 1.5; 1 2 inch	ISI	5 (each)	nos(each)			
149	D cycie 20mm 22 mm	ISI	2 (each)	nos(each)			
150	Tangular file 4mm	ISI	2 (each)	nos(each)			
151	Oil stone	taparia	2 (each)	nos(each)			
152	Filler gauge 6" long	ISI	2	sets			
153	Inside caliper 18 inch 24 inch	ISI	2(each)	nos(each)			
154	Niddle file set	ISI	2	sets			
155	Vernier Caliperse Digital 12"	ISI	2	Nos			
156	File 1/2 inch(round rough and smooth)	ISI	2(each)	nos(each)			
157	Carbide dimond tool 25mm	Mirinda	2	nos			
158	HSS tool carbide 25"	Mirinda	2	nos			
159	Tool holder for shaper machine	Mirinda	2	sets			
160	Tool Holder 1",1/2",3/8", 5/8"	Mirinda	2(each)	nos(each)			
161	HSS (Boring tool) 1/2"x8",1/4"x8", 3/8"x8",5/8"x8"	Mirinda	2(each)	nos(each)			
162	Water Soluble cutting oil	Any ISI	2	Ltr			
163	Ferual for lubricator size-5mm,6mm,8mm,10mm	ISI	50 each	nos each			
164	Cu pipe size-5mm,6mm,8mm,9mm, 10mm-OD	ISI	10	mtrs			
165	Oil Paper	ISI	50	Nos.			
166	Emery Tape 100No. 4"	ISI	100	Mtrs.			
167	Emery Tape 120No. 4"	ISI	300	Mtrs.			
168	Blue Plast Tube 20 gm	ISI	30	Nos.			
169	Head screen	ISI	2	Nos.			
170	Safty Goggles (White)	ISI	300	Nos.			
171	Wooden Strip Size 75mmx880mmxthick 15mm	Teak wood	100	nos			
172	Connecting shaft (wooden) Size (2400x150x100)mm	Teak wood	6	Nos			
173	Fire wood for boiler dia-6-12 inch dia and length 3ft to 6ft streight	Stander	100	ton			
174	HSS Power hexa blade size450mmx32mmx1.6mm(blade no 6)	mirinda	2	nos			
	PAINTS						
175	Double boiled Linceed oil	Cat brand Lotous	100	Ltrs			
176	Spiral Round twisted Wire brush(8mm,10mm,12mm)	Any ISI	10(each)	Nos(each)			
	Electrical						
	Electrical Lighting Or General Items:						
177	Cu. Ballast for flourosent tube light, 40W, 230V	bajaj/ philips	20	Nos			
178	Side holder for tube light,	bajaj/ philips	30	Nos			
179	Pin type LED lamp base cap-B22,10W	Havells	12	Nos			
180	Pin type LED lamp base cap-B22,15W	Havells	12	Nos			
181	Pin type Bulbs, 60W, 230V.AC	bajaj/ philips	300	Nos			
182	Screw type Bulbs, 60W, 230V.AC	bajaj/ philips	10	Nos			

183	Pin type Bulbs, 100W, 230V.AC	bajaj/ philips	100	Nos		
184	6A, 1 way Bed switch code-2527	Anchor	24	Nos		
185	6A, 1 way switch code-38014	Anchor	24	Nos		
186	Angle Holder 6Amps 240V.AC,50 HZ code-39797	Anchor	12	Nos		
187	plug 3 pin 6 Amps	Anchor	16	Nos		
188	plug 3 pin 16 Amps	Anchor	12	Nos		
189	plug 2 pin 6 Amps	Anchor	16	Nos		
190	Socket 5 pin 6 Amps	Anchor	20	Nos		
191	Socket 5 pin 16 Amps	Anchor	12	Nos		
192	Uni switch socket combined unit box,240v,50hz,20A & 10A code-14616	Anchor	12	Nos		
193	ENDURA WELL GLASS Neo - IP65,ENDURAWELGLASSNEOWGP40WLED757SPC	Havells	6	Nos		
194	Endura Highbrite Plus,ENDURAHIBRITEPLUSHP90WLED765S90DTOLENS	Havells	10	Nos		
195	Highbay Lighting ,Endura Baybrite Saucer,BAYBRITESAUCERHBP120WLED757S90DTOLT G	Havells	5	Nos		
196	Jeta Compacto IP65,JETA COMPECTOFL50WLED757LT G	Havells	10	Nos		
197	Street Lights,ENDURAPEARLSL25WLED757SASYTOPC	Havells	10	Nos		
198	LED Emergency lamp7 watt 6500 K	Panasonic/ Havells	12			
199	ENDURA CITYLITE PLATINUM,ENDURACITYLITEPLATSL30WLED757SASYBOPC	Havells	5	Nos		
	HomeSafe is a compact & aesthetic protection device which provides					
200	DBOXx MCB Protected Socket,With Plastic Enclosure (for surface mounting) ,Cat. No-DHDTCSN0251025,25A MCB DBOXX COMBO Plastic,25A	HAVELLS	4	Nos		
201	Safety Hand Lamp set with 30 Mtrs wire	ISI	10	sets		
202	Cooling Fan for slipring induction Motor(Frame-CW315MX,KW/HP-75/100,RPM-585,Make-CG)	CG	5	Nos		
	Terminal Plates					
203	Terminal Plate for Squirrel cage Induction Motor(Frame-ND225S,KW/HP-30/40,RPM-1475,Make-CG)	CG	3	Nos		
	Tool & Tackels					
204	Feeler Gauges729865 B series	SKF	2	sets		
	HARDWARER ITEMS					
	General Items:-					
205	Insulation varnish	Dr.Beck	10	Ltrs		
206	Bectol Red	Dr.Beck	6	Ltrs		
207	Varnished Empire Adhesive Tape(3/4")	ISI Mark	6	Rolls		
208	Fibre Glass Tape(3/4")	ISI Mark	6	Rolls		
209	Cable tie(small size)	ISI Mark	2	Pack		
210	Thinner 205	Dr.Beck	3	Ltrs		
	SPARE COIL For					
211	Standard Terminal Block(Melamine Housing) ,Cat NO-JCST 2.5 mini, 16mm²,87A	Jainson	50	Mtrs		

Heat Resistant Flame Retardant HRRF PVC Insulated Industrial Cables							
212	16 sq mm 3 core PVC insulated copper flexible cable (for cane unloader use)	Havells	60	Mtrs			
213	Spare for Turbine Auxiliary (Authorised Dealer)						
214	SS Strainer, mess 140-150 micron Length-250 mm Dia-160mm	pelican	2	Nos			
215	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							
216	Control Valve assembly complete comprising of valve , valve sheet , valve spindle and set of bushes	Belliss india Authorised	2	set			
217	CSEV Valve assembly complete comprising of valve , valve sheet , valve spindle and set of bushes	Belliss india Authorised	1	set			
218	rubber bellow	Belliss india Authorised	2	Nos			
Safety Instruments:							
219	Portable fire extinguisher CO2 type, capacity - 4.5kg, discharge valve -squeeze grip type, Aluminium siphon tube. Refeeling	Any ISI	14	Nos			
220	Respiratory dust mask	Any ISI	100	Nos			
221	Rubber hand gloves	Any ISI	2	Pairs			
Repairing Work							
222	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			
223	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			
224	SS Tube removing & fitting work of size-ID-42mm OD-45mm, length-4505mm in semikesner. Rate to be quoted per tube.	Authorised Dealer					
225	SS Tube removing & fitting work of size-ID-42mm OD-45mm, length-2005mm in Quad body-1, 2 & 3. Rate to be quoted per tube.	Authorised Dealer					
226	SS Tube removing & fitting work of size-ID-42mm OD-45mm, length-4055mm in Juice Heater-1, 2, 3 & 4. Rate to be quoted per tube.	Authorised Dealer					
227	SS Tube removing & fitting work of size-ID-87mm OD-90mm, length-755mm in Pan-1, 2, 3 & 4. Rate to be quoted per tube.	Authorised Dealer					
228	Air Blower (Clarification House) Make- Kay International Ltd., Capacity - 300 m3/hr, Pressure - 1 kg/cm2. (Rate quoted by supplier must be servicing done by Key International Ltd. senior service Engineer) (Rate quoted by supplier must be servicing done by Key International Ltd. senior service Engineer)	OEM/Authorised Dealer	3	set			

229	Servicing of Gunny Bag Stching Machine with spare parts (Model No. ST-1000/80000 DX) Make Stichwell (Rate quated 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.			
230	Servicing of Feed pump Kirloskar Ebra Make Model- 80x65 MSSH 14M-Cap. 25m3/hr.Head-675mtr (Rate quated 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			
231	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					
232	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.). Rate to be quoted with all materials & Trial with one year Guarantee.	OEM/Autherised Dealer					
233	Filling of Nitrogen Gas Cylinder of Mill House Max. Press.-330bar cap.-37 Ltrs. Working press.-170bar	Autherised Dealer	6	Nos			
234	Two stage industrial Air compressor (Boiler & PRD) - 3 nos Ingersoll Rand ltd. (Model - 2545) (Rate quated 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/Autherised Dealer	3	set			
235	Air Compressure for Centrifugal Machine Model No.-TC-100 Bore-152.4mm Rpm-650 Press.-7kg/cm2 Sl.No.-PEC003453 (Rate quated by supplier must be servicing done by Kirloskar pneumatic Co.Ltd. senior service Engineer)	Autherised Dealer	1	No.			
236	Air Drier, GEM Pvt. Ltd. HLN series.(Rate quated 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/Autherised Dealer	1	set			
237	Boiler Furnace and Refractory And Tiles work.	IBR Contractor	1	No.			
238	Boiler Instrument Control Pannel repairing Work By VRL Service Engineer. Spare parts replacement done by supplier ,Payment will be made on Company Price List.	Autherised Contractor	1	No.			
239	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					
240	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/cm²G Assy no.A 2341-003-5001,Back pressure-Atmo,SDSP-51.15Kg/cm² 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/Autherised Dealer	4	no			

Errection & Fabrication Works							
241	Dismantalling, Errection & Fitting Rate of pipe rate per inch dia and per feet length.	Autherised contractor	2"				
			3"				
			4"				
			5"				
			6"				
			8"				
			10"				
			12"				
242	Dismantalling, Errection & Fitting Rate of Bend & Tee	Autherised contractor	2"				
			3"				
			4"				
			5"				
			6"				
			8"				
			10"				
			12"				
243	Patching Work Rate per Square feet	Autherised contractor					
244	Dismantalling, Errection & Fitting of flange,(Rate per dia)	Autherised contractor	2"				
			3"				
			4"				
			5"				
			6"				
			8"				
			10"				
			12"				
245	Dismantalling & Fitting of Valve	Autherised contractor	2"				
			3"				
			4"				
			5"				
			6"				
			8"				
			10"				
			12"				
246	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					
247	Dismantalling, Erection ,Fabrication work of platform of vapour pipe line at pan station Rate quated lump sum	Autherised contractor	1	No			
248	Dismantalling,Errection & fitting of side plate of Sugar Grader (With four decks,Cap-15T/Hr),Three Star Make	Autherised contractor	1	No			
249	Vertical crystalizer painting work Rate per Squire feet and rise pipes replacement.	Autherised contractor					

250	Quad vapour line painting work Rate per Squire feet	Autherised contractor					
251	Insulation with SS clading of steam pipe line (including all material like SS clading with cloth) rate per square feet	Autherised contractor					
252	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					
253	Epoxy painting of 10m3/hr D.M.Plant water storage tank size-6000mmDia X 5500mm height with matterial	Autherised contractor		per sq. mtr			
254	Rubberrized painting with matterial for 10m3/hr D.M.Plant water storage tank size 6000mmDia X5500mm height	Autherised contractor	1	per sq. mtr			
255	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.			
256	Re-conditioning (welded & Grinding/Machining) Shape of Mill Crown Pinion Teeth. (As per Drg. No- A2-M-37135...)	Autherised contractor					
257	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			
258	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 luminaries, 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/sqmt. at 2 metre depth.	VALMONT(Au therised Dealer only)	1	No			
	Electrical Works						
	Rewinding of motors (Per Motor rate)						
259	Celing Fan	Autherised Contractor/Re winder					
260	Pedestal Fan						
	Mfg. Department (2020-21)						
	PROCESS & CLEANING MATERIALS. (AUTHORISED DEALER / MANUFACTURER)						
261	Nickel chrome screen size - 0.06 x 2.20 x 0.31, NHEC make NK 1100 machines.	Micro / Atul	2	nos.			

262	Nickel chrome screen size - 0.09 x 2.30 x 0.29, NHEC make NK 1100 machines.	Micro / Atul	6	nos.		
263	Brass liner (working face) for NHEC make NG-1250 model machine basket flat bottom & size 38" x 54", capacity 1250 kg/charge.	Micro / Atul	1	nos.		
264	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.		
265	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		
266	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		
267	Conveyor chain complete for Stithwell Machine Company make Model No. ST-1000/80000 DX	Stithchwell	1	set		
268	3 Phase TEFC squirrel cage induction Motor,0.5HP,Frame-ND80,1440rpm,Duty-S1,IP-55	CG	2	Nos		
269	3 Phase TEFC squirrel cage induction Motor,1 HP,Frame-ND80,1440rpm,Duty-S1,IP-55	CG	2	Nos		
270	Niddle GB - 250 for Stithwell Machine Company make Model No. ST-1000/80000 DX	Stithchwell	20	nos		
271	Niddle for Revo make hand Stitching Machine Model No. DAD.	Revo	20	nos		
	S.S.TUBES					
272	S.S.Tube Length - 2005 mm, OD 45 mm & Thickness 1.5 mm (IS-13316-1992)	Manufacturer Authorized dealer	10	Nos		
273	S.S.Tube Length - 4055 mm, OD 45 mm & Thickness 1.5 mm (IS-13316-1992)	Manufacturer Authorized dealer	10	Nos		
274	Colour precipitant / Enzydeh / COLOUR TREAT - 200	Ionexchange	200	kgs		
275	Scale Shoftner	BASF SNF NHC	400	Kgs		
276	Ammonia Bi floride minium 97% pure.	Tata Birla Mafatlal	600	kgs		
277	Soda ash, purity 99 % IS 251-1982	Ion exchange GHCL	600	kgs		
278	Borosilicate Glass Burate	Borosil	6	nos		
279	Borosilicate Glass Pipet (100 ML)	Borosil	6	Nos.		
280	Borosilicate Glass Pipet (50 ML)	Borosil	6	Nos.		
281	Borosilicate Glass Pipet (25 ML)	Borosil	6	Nos.		
282	Borosilicate Glass Pipet (10 ML)	Borosil	6	Nos.		
283	Borosilicate Glass Pipet (5 ML)	Borosil	6	Nos.		
284	Wash Bottel (1 Lit. Cap.)	Standard ISI	6	Nos.		
285	Borosilicate Glass Burate	Borosil	6	Nos.		

286	Conical Flask 250 ml, glass	Borosil	4	nos			
287	Borosilicate Glass Test Tube (150 mm Length X 10 mmDia)	Borosil	40	nos.			
288	Borosilicate Glass Test Tube (150 mm Length X 20 mmDia)	Borosil	40	nos.			
289	Measuring cylinder 500 ml, P.T.F.E.	TARSON	3	nos			
290	Measuring cylinder 1000 ml, P.T.F.E.	TARSON	3	nos			
291	Borosilicate Glass Biker (50 ml)	Borosil	6	nos			
292	Borosilicate Glass Biker (100 ml)	Borosil	6	nos			
293	Borosilicate Glass Biker (250 ml)	Borosil	6	nos			
294	Jugs enameled with handle, Capacity 1 ltr	Any ISI	6	nos			
295	Nylon Brush for Test-tube cleaning	Any ISI	6	nos			
296	Boiler water test kit	Ion exchange	2	set			
		Indion					
		Any ISI					
297	Rubber hand glooves (Laboratory use)	Standard ISI	10	pairs			
298	EDTA solution (N/50)	Qualigen	500	ml			
		merk					
299	Con. HCL, Sp.gr. 1.18	Standard ISI	10	ltrs			
300	Con. H2SO4, Sp. Gr. 1.84	Standard ISI	10	ltrs			
301	Uranium Acetate	Standard ISI	25	Gms			
302	Absolute Alcohol 99.9 % pure (500 ml Bottle)	Standard ISI	10	Nos.			
303	Universal pH Indicator Solution, 500 ml Bottle	Qualigen	2	Nos.			
		merk					
304	Fehling's Solution "A"	Qualigen	500	mls			
		merk					
305	Fehling's Solution "B"	Qualigen	500	mls			
		merk					
306	Single Needle With Oil Pump Bag Closer Hand Stitching Machine	Revo make	2	Nos.			
307	White Polythene Sheet, size 12 x 30 mtrs (thickness 1.0 mm)	ISI Mark	6	nos			
308	Black Pollythene Sheet, size 12 x 30 mtrs (thickness 1.0 mm)	ISI Mark	6	nos			
309	HDPE Heavy duty Plastic covor (200 GSM) Tarpaulin Cover for Sugar bag Stack size 12x30 mtrs (thickness)	ISI Mark	6	nos			
310	Burnt Lime of active available CaO content minium 80%, Silica free, Packed with polythene bag.	Manufacturer/A uthorized dealer	100	M.T.			
311	Corrugated Asbestos Cement Sheet (Size- Lenth10 feet and Width 1060mm) Thikness-08mm (Old Sheet Dismantling/Shifting & New Sheet Fiting Work) With	Charminar/ Birla	300	nos			
312	Cane Kicker Knives IS 2062(s+42-s),Size 435X170X20mm as per Drawing No.A3-M-39331	ISI Mark	20	nos			

313	Full gear Coupling Fg-05= Coupling dia 260mm, Shaft dia 110mm Total Length=220 mm	Fenner Make	1	nos			
314	Oil Kluberlub, OC=41-1000BH	Kluberlub	200	ltrs			
315	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	2	Nos.			
		Puri/Pradeep					
316	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					
317	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					
318	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					
319	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					
320	Tube Expendor,Spare Roller with attachment Spindle Size - 42x45	ISI	1	set			
321	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			
322	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			
323	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			
324	Inverter base single phase welding machine 250A,model-Arc 250i	ESAB/ARF	1	Nos.			
325	Inverter base 3 Phase welding machine 630A,model-Arc 630i	ESAB/ARF	1	Nos.			
326	Cement Fire Kit Super	ACC	500	kgs			
327	White Heat K	ACC	500	kgs			
328	Aqua Set 50Ace	ACC	500	kgs			
329	Fire Clay Ace	ACC	500	kgs			
330	Ceramic Blanket 96 Density	ACC	5	Nos.			
331	Fire Brics 70% Amonia, 9"X4.5"X3"X2.5"	ACC	500	Nos			
332	Shrink Nomp Cement	ACC	100	kgs			
333	Servicing of Hydrolik Grabtype of Unloder servicing done by FHE autherised senior service Engineer)Spare parts replacement done by supplier ,Payment will be made on Company Price List.	FHE	2	Nos.			