

Name of the Organisation: MANGALORE REFINERY AND PETROCHEMICALS LIMITED

website link: [www.mrpl.co.in/annualprocurementplan](http://www.mrpl.co.in/annualprocurementplan)

Ministry/Department: PETROLEUM AND NATURAL GAS

FY 2027-28

Sr no	Description of item	Broad specifications Parameters	Qty	Accounting Unit	Estimated value of procurements (in lakhs)
1	Supply of Manpower Services	As per scope of work	Lumpsum	Set	688
2	Miscellaneous Electrical Jobs	As per scope of work	Lumpsum	Set	573
3	AMC services for HVAC	As per scope of work	Lumpsum	Set	198
4	AMC for Township Maintenance	As per scope of work	Lumpsum	Set	63
5	AMC for Lift Maintenance (Plant & Non Plant)	As per scope of work	Lumpsum	Set	78
6	AMC for EPABX	As per scope of work	Lumpsum	Set	20
7	AMC for TETRA Radio Systems	As per scope of work	Lumpsum	Set	42
8	AMC for Fire Alarm System	As per scope of work	Lumpsum	Set	39
9	AMC for PA system	As per scope of work	Lumpsum	Set	26
10	AMC for Actuator Maintenance	As per scope of work	Lumpsum	Set	66
11	AMC for Battery Charger	As per scope of work	Lumpsum	Set	53
12	AMC for UPS servicing	As per scope of work	Lumpsum	Set	78
13	EOT Servicing	As per scope of work	Lumpsum	Set	132
14	AMC for Solar System	As per scope of work	Lumpsum	Set	49
15	AMC for VFD system	As per scope of work	Lumpsum	Set	44
16	Supply of Safety stewards	As per scope of work	Lumpsum	AU	99
17	ARC for steam trap Fabrication group	As per scope of work	Lumpsum	AU	58
18	ARC of Rolling of Pipe&MS palte	As per scope of work	Lumpsum	AU	5
19	ARC of Media loading	As per scope of work	Lumpsum	AU	218
20	ARC for SPU conveyor belts & pulley repair by hot & coldvulcanizing process in SRU2,SRU7 & PH3 SRU	As per scope of work	Lumpsum	AU	6
21	ARC for Composite work on tankages including scaffolding jobs,insulation, hot works and painting during M & I in OM & S area	As per scope of work	Lumpsum	AU	2105
22	ARC for Hot insulation jobs of MRPL Refinery	As per scope of work	Lumpsum	AU	772
23	ARC for Hot insulation jobs of MRPL Aromatics	As per scope of work	Lumpsum	AU	331
24	ARC for painting jobs of Piping, equipment, structural, valves, etc. asper tender.	As per scope of work	Lumpsum	AU	2205
25	Tender for ARC for Carrying Out Lettering/ Stenciling/Background/ ColorBand Painting Jobs.	As per scope of work	Lumpsum	AU	33
26	On line sealing of Hydrocarbon lines	As per scope of work	Lumpsum	AU	221
27	ARC for Heat Exchangers & Finfan Coolers Overhauling & Testing Job inrefinery units	As per scope of work	Lumpsum	AU	358
28	ARC for sludge sucking and unloading by super sucker vacuum truck	As per scope of work	Lumpsum	AU	94
29	ARC for Mechanical Maintenance job in Phase 1 and 2 Refinery units andWorkshop	As per scope of work	Lumpsum	AU	1968
30	ARC for Mechanical Maintenance jobs in Phase#3 RefineryUnits and Workshop.	As per scope of work	Lumpsum	AU	1918
31	ARC for Phase-I, II, III units IBR circuit M & I jobs and certification	As per scope of work	Lumpsum	AU	243
32	ARC for IBR bolier maintenance and inspection and fabrication at Refinery	As per scope of work	Lumpsum	AU	386
33	ARC for carrying out maintenance jobs during shutdown(Manpower supply)	As per scope of work	Lumpsum	AU	643
34	ARC for Scaffolding erection and dismantling jobs atMRPL Refinery.	As per scope of work	Lumpsum	AU	662
35	ARC for Online Steam Leaks Attending jobs.	As per scope of work	Lumpsum	AU	172
36	ARC for supply of fabrication groups along with supervisors to carry outfabrication, welding and erection of pipeline & other structural jobs inRefinery units	As per scope of work	Lumpsum	AU	870
37	ARC for sludge sucking and unloading by super sucker vacuum truck	As per scope of work	Lumpsum	AU	85

Sr no	Description of item	Broad specifications Parameters	Qty	Accounting Unit	Estimated value of procurements (in lakhs)
38	ARC for Mechanical Maintenance Item Rate in Aromatics	As per scope of work	Lumpsum	AU	193
39	ARC for Fabrication Groups at Aromatics Complex.	As per scope of work	Lumpsum	AU	189
40	ARC for Fabrication and erection of pipe line and other structural work for maintenance and modifications job in MRPL –Aromatics Complex	As per scope of work	Lumpsum	AU	97
41	Instrumentation obsolescence removal related purchases & services	As per scope of work and supply	Lumpsum	Set	500
42	Instrumentation services- AMCs , ARCs & OEM expert services	As per scope of work	Lumpsum	Set	1800
43	ARC for Workshop manpower resources at Aromatic Complex	As per scope of work	Lumpsum	AU	101
44	ARC For Special Painting Jobs	As per scope of work	Lumpsum	AU	24
45	ARC For Steam Trap Management System- Aromatic Complex	As per scope of work	Lumpsum	AU	107
46	ARC For The Repair Of Rolling Shutters	As per scope of work	Lumpsum	AU	3
47	O&M of Caterpillar Engines at SPM BPS	As per scope of work	Lumpsum	AU	62
48	ARC Rubber lining jobs	As per scope of work	Lumpsum	AU	25
49	ARC PSV overhauling Aromatics	As per scope of work	Lumpsum	AU	28
50	ARC For Double Coating & Wrapping For Under Ground Pipelines Atrefinery, Oil Jetty, Sarapady Etc	As per scope of work	Lumpsum	AU	18
51	ARC-Marine loading arm maintenance Aromatics	As per scope of work	Lumpsum	AU	9
52	ARC for Cooling tower M&I	As per scope of work	Lumpsum	AU	65
53	ARC for scrap segregation and shifting	As per scope of work	Lumpsum	AU	83
54	Areogel insulation upgradation	As per scope of work	Lumpsum	AU	
55	ARC for borewell and submersible pump maintenance	As per scope of work	Lumpsum	AU	20
56	Steam Traps Management and Optimization MRPL Refinery	As per scope of work	Lumpsum	AU	237
57	ARC for Chain Pully blocks / Mono blocks overhauling with spares	As per scope of work	Lumpsum	AU	19
58	ARC for Carrying out Retubing of Heat Exchangers in Refinery during Plant running and shutdown	As per scope of work	Lumpsum	AU	265
59	ARC for cold tapping & cold cutting services	As per scope of work	Lumpsum	AU	41
60	ARC for scaffolding works in Aromatics	As per scope of work	Lumpsum	AU	66
61	ARC for maintenance of fire water network in MRPL at various locations in the Refinery, Power plant, utilities,	As per scope of work	Lumpsum	AU	47
62	ARC for Diesel Engine Maintenance Job at MRPL Aromatic Complex	As per scope of work	Lumpsum	AU	4
63	ARC for painting jobs of Piping, equipment, structural, valves, etc. in Aromatics	As per scope of work	Lumpsum	AU	232
64	Tender for ARC for Carrying Out Lettering/ Stenciling/Background/ Color Band Painting Jobs at Aromatic complex	As per scope of work	Lumpsum	AU	25
65	ARC for machining services using CNC Lathe, Milling, Surface Grinding Machine etc. for the manufacture of various gears, gear box	As per scope of work	Lumpsum	AU	4
66	ARC for Chain Pully blocks / Mono blocks overhauling with spares at Aromatic complex	As per scope of work	Lumpsum	AU	13
67	ARC for overhauling of heat exchangers at Aromatics	As per scope of work	Lumpsum	AU	47
68	Dry ice cleaning of Aromatics CPP Boilers (UB-2 nos, HRSG-2 nos)	As per scope of work	Lumpsum	AU	24
69	Hiring of Hydra, forklift, Trailer Aromatics	As per scope of work	Lumpsum	AU	39
70	ARC of Valve servicing	As per scope of work	Lumpsum	AU	84
71	Arc For Sludge Sucking and Unloading By Super Suckervacuum Truck Inside MRPL Aromatics Complex	As per scope of work	Lumpsum	AU	33
72	ARC for Stress Relieving job	As per scope of work	Lumpsum	AU	20

Sr no	Description of item	Broad specifications Parameters	Qty	Accounting Unit	Estimated value of procurements (in lakhs)
73	ARC for IBR bolier maintenance and inspection and WHRB circuits at Aromatic Complex	As per scope of work	Lumpsum	AU	30
74	Supply - Tarpaulin / HDPE / Fittings / Software	As per scope of work	Lumpsum	Set	19
75	Aluminium & upvc	As per scope of work	Lumpsum	Set	103
76	Civil Plant	As per scope of work	Lumpsum	Set	968
77	Civil Sarapady	As per scope of work	Lumpsum	Set	73
78	Grass cutting	As per scope of work	Lumpsum	Set	194
79	Desilting	As per scope of work	Lumpsum	Set	109
80	Plumbing	As per scope of work	Lumpsum	Set	97
81	Tech Manpower	As per scope of work	Lumpsum	Set	97
82	Building painting	As per scope of work	Lumpsum	Set	424
83	Acid tiling	As per scope of work	Lumpsum	Set	67
84	Civil Consultancy	As per scope of work	Lumpsum	Set	73
85	Core cutting	As per scope of work	Lumpsum	Set	61
86	Surveying	As per scope of work	Lumpsum	Set	19
87	Tank pad	As per scope of work	Lumpsum	Set	37
88	Water proofing	As per scope of work	Lumpsum	Set	85
89	Asphalting	As per scope of work	Lumpsum	Set	605
90	Soil investigation	As per scope of work	Lumpsum	Set	31
91	Equipment services	As per scope of work	Lumpsum	Set	43
92	Civil work for shutdown	As per scope of work	Lumpsum	Set	61
93	NDT - Stability checking	As per scope of work	Lumpsum	Set	61
94	Pipe rack strengthening	As per scope of work	Lumpsum	Set	
95	Cooling tower strengthening	As per scope of work	Lumpsum	Set	
96	QC for road repair	As per scope of work	Lumpsum	Set	25
97	Fire water line exposing	As per scope of work	Lumpsum	Set	61
98	Fire proofing	As per scope of work	Lumpsum	Set	242
99	Roofing	As per scope of work	Lumpsum	Set	291
100	PCC below piperack	As per scope of work	Lumpsum	Set	242
101	Razor concertina coil / Fencing	As per scope of work	Lumpsum	Set	158
102	Specialized Chemical coating	As per scope of work	Lumpsum	Set	182
103	UG line exposing - Cross country	As per scope of work	Lumpsum	Set	91
104	RCC chimney strengthening	As per scope of work	Lumpsum	Set	
105	Super sucker servies	As per scope of work	Lumpsum	Set	13
106	Dredging for Thumbé dam	As per scope of work	Lumpsum	Set	49
107	Sign board / Vinyl sticker / ACP	As per scope of work	Lumpsum	Set	73
108	Other services - Crash barrier / Modification / Emergency jobs	As per scope of work	Lumpsum	Set	121
109	Township - Plumbing	As per scope of work	Lumpsum	Set	97
110	Township - Civil	As per scope of work	Lumpsum	Set	121
111	Township - Grass cutting	As per scope of work	Lumpsum	Set	13
112	Township - Internal painting and Mosaic	As per scope of work	Lumpsum	Set	97
113	Township - External painting	As per scope of work	Lumpsum	Set	182
114	Township - Water proofing	As per scope of work	Lumpsum	Set	73
115	Township - NDT Stability checking	As per scope of work	Lumpsum	Set	25
116	Township - Roofing	As per scope of work	Lumpsum	Set	121
117	OISD seals	As per scope of work	12 Nos	ITEM	
118	Seals ARC	As per scope of work	Lumpsum	AU	1250
119	MS pipes	As per scope of work	30000	Meters	1000
120	MS plates	As per scope of work	Lumpsum	MT	260
121	ARC for supply of gaskets	As per scope of work	Lumpsum	AU	151
122	Supply of Studs with Nuts	As per scope of work	Lumpsum	AU	192
123	ARC(ARC) for the supply of prefilter cartridge for ROprefilters as per specification	As per scope of work	Lumpsum	AU	74
124	Supply of Refractory Materials	As per scope of work	Lumpsum	AU	61
125	ARC for Supply of Spares for Burners installed in Fired Heaters of Phase1 and 2	As per scope of work	Lumpsum	AU	36
126	ARC Supply of Antifriction Bearings	As per scope of work	Lumpsum	AU	157
127	Supply of Lube Oil as per specification on ARC Basis	As per scope of work	Lumpsum	AU	193
128	ARC for Supply of Synthetic Lube Oil.	As per scope of work	Lumpsum	AU	110

Sr no	Description of item	Broad specifications Parameters	Qty	Accounting Unit	Estimated value of procurements (in lakhs)
129	Instrumentation Spare parts & Consumables	As per scope of supply	Lumsum	Set	2500
130	Instrumentation Control System Upgrades	As per scope of work and supply	Lumsum	Set	1000
131	PPU Coalescer filter elements	As per Technical specification	1	SET	100
132	Procurement of CPVC Pipes and Fittings	As per Technical specification	Lumpsum	AU	33
133	Procurement of Valves	As per Technical specification	Lumpsum	AU	331
134	Safety Relief valve spares	As per Technical specification	Lumpsum	AU	110
135	Work shop tools & tackles & consumable	As per Technical specification	Lumpsum	AU	94
136	Supply of structural steel	As per Technical specification	Lumpsum	AU	121
137	Supply of timing belt and v-belt	As per Technical specification	Lumpsum	AU	94
138	Centrifugal pump spares	As per Technical specification	Lumpsum	AU	662
139	Reciprocating pump spares	As per Technical specification	Lumpsum	AU	174
140	Heat exchanger Spares	As per Technical specification	Lumpsum	AU	110
141	Supply of small bore fittings	As per Technical specification	Lumpsum	AU	331
142	Civil Plumbing materials	As per Technical specification	Lumpsum	AU	28
143	Compressor spares	As per Technical specification	Lumpsum	AU	1599
144	Turbine Spares	As per Technical specification	Lumpsum	AU	871
145	Supply - Tarpaulin / HDPE / Fittings / Software	As per scope of work	Lumpsum	Set	19
146	Aluminium & upvc	As per scope of work	Lumpsum	Set	103
147	Civil Plant	As per scope of work	Lumpsum	Set	968
148	Civil Sarapady	As per scope of work	Lumpsum	Set	73
149	Grass cutting	As per scope of work	Lumpsum	Set	194
150	Desilting	As per scope of work	Lumpsum	Set	109
151	Plumbing	As per scope of work	Lumpsum	Set	97
152	Tech Manpower	As per scope of work	Lumpsum	Set	97
153	Building painting	As per scope of work	Lumpsum	Set	424
154	Acid tiling	As per scope of work	Lumpsum	Set	67
155	Civil Consultancy	As per scope of work	Lumpsum	Set	73
156	Core cutting	As per scope of work	Lumpsum	Set	61
157	Surveying	As per scope of work	Lumpsum	Set	19
158	Tank pad	As per scope of work	Lumpsum	Set	37
159	Water proofing	As per scope of work	Lumpsum	Set	85
160	Asphalting	As per scope of work	Lumpsum	Set	605
161	Soil investigation	As per scope of work	Lumpsum	Set	31
162	Equipment services	As per scope of work	Lumpsum	Set	43
163	Civil work for shutdown	As per scope of work	Lumpsum	Set	61
164	NDT - Stability checking	As per scope of work	Lumpsum	Set	61
165	Pipe rack strengthening	As per scope of work	Lumpsum	Set	
166	Cooling tower strengthening	As per scope of work	Lumpsum	Set	
167	QC for road repair	As per scope of work	Lumpsum	Set	25
168	Fire water line exposing	As per scope of work	Lumpsum	Set	61
169	Fire proofing	As per scope of work	Lumpsum	Set	242
170	Roofing	As per scope of work	Lumpsum	Set	291
171	PCC below piperack	As per scope of work	Lumpsum	Set	242
172	Razor concertina coil / Fencing	As per scope of work	Lumpsum	Set	158
173	Specialized Chemical coating	As per scope of work	Lumpsum	Set	182
174	UG line exposing - Cross country	As per scope of work	Lumpsum	Set	91
175	RCC chimney strengthening	As per scope of work	Lumpsum	Set	
176	Super sucker servies	As per scope of work	Lumpsum	Set	13
177	Dredging for Thumbe dam	As per scope of work	Lumpsum	Set	49
178	Sign board / Vinyl sticker / ACP	As per scope of work	Lumpsum	Set	73
179	Other services - Crash barrier / Modification / Emergency jobs	As per scope of work	Lumpsum	Set	121
180	Township - Plumbing	As per scope of work	Lumpsum	Set	97
181	Township - Civil	As per scope of work	Lumpsum	Set	121
182	Township - Grass cutting	As per scope of work	Lumpsum	Set	13
183	Township - Internal painting and Mosaic	As per scope of work	Lumpsum	Set	97
184	Township - External painting	As per scope of work	Lumpsum	Set	182
185	Township - Water proofing	As per scope of work	Lumpsum	Set	73
186	Township - NDT Stability checking	As per scope of work	Lumpsum	Set	25
187	SODA ASH(NA2CO3)ANHYDROUS,ASSAY MIN 99.5	SODA ASH(NA2CO3)ANHYDROUS,ASSAY MIN 99.5	1850	KG	2
188	Sodium Nitrate 98%(Max Chloride 100ppm)	Sodium Nitrate 98%(Max Chloride 100ppm)	350	KG	0.3

Sr no	Description of item	Broad specifications Parameters	Qty	Accounting Unit	Estimated value of procurements (in lakhs)
189	Methyl-Diethanolamine (MDEA)	Methyl-Diethanolamine (MDEA)	600	MT	965
190	CORROSION INHIBITOR -DORF SR 1200	CORROSION INHIBITOR -DORF SR 1200	1.1	MT	2
191	Methanol 99.85% Dry for HGU-3	Methanol 99.85% Dry for HGU-3	500	MT	0.2
192	Release agent for SPU	Release agent for SPU	13000	KG	64
193	ANTIFOAM-IONREF 3833 FOR AMINE TREATMENT	ANTIFOAM-IONREF 3833 FOR AMINE TREATMENT	1260	KG	2
194	Activated Carbon ARU -3 8*30 mesh size	Activated Carbon ARU -3 8*30 mesh size	120	M3	67
195	INDION 1606 pH BOOSTER	INDION 1606 pH BOOSTER	5600	KG	0.1
196	INDION 1520 (O2 SCAVENGER)	INDION 1520 (O2 SCAVENGER)	500	KG	1
197	INDION 1521 (O2 SCAVENGER)	INDION 1521 (O2 SCAVENGER)	500	KG	2
198	CORROSION INHIBITOR FOR ARU PHI,II,III	CORROSION INHIBITOR FOR ARU PHI,II,III	800	KG	1
199	ANTIFOULANT FOR DHD T PHASE-3	ANTIFOULANT FOR DHD T PHASE-3	13000	KG	24
200	PHOSPAHTE CHEMICAL-2	PHOSPAHTE CHEMICAL-2	25	KG	0.02
201	PHOSPAHTE CHEMICAL-3	PHOSPAHTE CHEMICAL-3	2500	KG	2
202	Antioxidant for ATF	Antioxidant for ATF	2000	KG	8
203	Housekeeping in HGU3 Block	Housekeeping in HGU3 Block	set	Lumpsom	315
204	CORROSION INHIBITOR -DORF SR 1200	CORROSION INHIBITOR -DORF SR 1200	270	kg	1
205	CORROSION INHIBITOR -DORF SR 1201	CORROSION INHIBITOR -DORF SR 1201	492	kg	2
206	SALT, ROCK, US-SIEVE NO 2-1/2	SALT, ROCK, US-SIEVE NO 2-1/2	35	Ton	6
207	ANTIFOAM-ION3833/SR 1729 AMINE TREATMENT	ANTIFOAM-ION3833/SR 1729 AMINE TREATMENT	2400	kg	3
208	Nickel Passivator	Nickel Passivator	15592.5	kg	116
209	Phosphate Chemical-2 (Indion 6194)	Phosphate Chemical-2 (Indion 6194)	87.6	kg	0.1
210	Phosphate Chemical-3 (Indion 2566)	Phosphate Chemical-3 (Indion 2566)	2190	kg	1
211	WSS Flocculant	WSS Flocculant	250	kg	1
212	WSS Coagulant	WSS Coagulant	5530	kg	3
213	Upkeep in PFCC block	Upkeep in PFCC block	1	Set	122
214	CATALYST (LYNX)	CATALYST (LYNX)	28.734	Ton	6561
215	CO CATALYST (TEAL)	CO CATALYST (TEAL)	118.98	Ton	500
216	IPA (200L)	IPA (200L)	2857	ltr	4
217	WHITE (MINERAL) OIL (208L)	WHITE (MINERAL) OIL (208L)	8180	ltr	10
218	(#) ATMER- (ALKYLAMINE ETHOXYLATED /AROMOSTAT-400)	(#) ATMER- (ALKYLAMINE ETHOXYLATED /AROMOSTAT-400)	3.78	Ton	27
219	(#) SILANE	(#) SILANE	3.44	Ton	41
220	ANTIOXIDANT-1010- ( SONGNOX 1010 / ETHANOX-310)	ANTIOXIDANT-1010- ( SONGNOX 1010 / ETHANOX-310)	215.9	Ton	726
221	PHOSPHITE-168- (SONGNOX 1680 / RICHFOS-168)	PHOSPHITE-168- (SONGNOX 1680 / RICHFOS-168)	375.72	Ton	1113
222	DIHYDROTALCITE- (DHT4A / HYCITE 713)	DIHYDROTALCITE- (DHT4A / HYCITE 713)	92.21	Ton	300
223	CALCIUM STEARATE STANDARD- (LIGASTER CA-860 / "DLI" METALIC STEARATES)	CALCIUM STEARATE STANDARD- (LIGASTER CA-860 / "DLI" METALIC STEARATES)	85.55	Ton	115
224	CALCIUM STEARATE F&T- (LIGASTAR CA350)	CALCIUM STEARATE F&T- (LIGASTAR CA350)	20.96	Ton	25
225	OLEAMIDE F&T- (CRODAMIDE VRX)	OLEAMIDE F&T- (CRODAMIDE VRX)	89.74	Ton	278
226	ERUCAMIDE FILM- (FINAWAX-E)	ERUCAMIDE FILM- (FINAWAX-E)	47.16	Ton	249
227	SILICA- (SYLOBLOC-45, DUSIL AB 7400 10 KG EACH)	SILICA- (SYLOBLOC-45, DUSIL AB 7400 10 KG EACH)	146.44	Ton	294
228	ANTIOXIDANT3114- (SONGNOX 3114)	ANTIOXIDANT3114- (SONGNOX 3114)	16.92	Ton	68
229	GMS 55- (ATMER 122)--FINASTAT 9500	GMS 55- (ATMER 122)--FINASTAT 9500	41.06	Ton	69
230	PHOSPHITE P-EPQ- (HOSTANOX P EPQ P)	PHOSPHITE P-EPQ- (HOSTANOX P EPQ P)	3.13	Ton	8
231	NUCLEATING AGENT HO-1506	NUCLEATING AGENT HO-1506	4.2	Ton	62
232	Luperox DTA M50 A	Luperox DTA M50 A	22.625	Ton	144
233	HYPERFORM HPN900EI	HYPERFORM HPN900EI	2	Ton	480
234	Upkeep in PPU block	Upkeep in PPU block	1	kg	113
235	NaClO2 (SODIUM CLORITE)	NaClO2 (SODIUM CLORITE)	49	Ton	
236	HCl	HCl	42	Ton	
237	Na2CO3 (SODA ASH )	Na2CO3 (SODA ASH )	14	Ton	
238	CaCl2 (CALCIUM CHLORIDE)	CaCl2 (CALCIUM CHLORIDE)	13.56	Ton	
239	DEMULSIFIER DORF DR1123	DEMULSIFIER DORF DR1123	18080	KG	50
240	DESALTER CONTINGENCY SPECIALITY ADDITIVE	DESALTER CONTINGENCY SPECIALITY ADDITIVE	4521	KG	4
241	CORROSION INHIBITOR SR1200	CORROSION INHIBITOR SR1200	27095	KG	64
242	NEUTRALISING AMINE SR1259	NEUTRALISING AMINE SR1259	18894	KG	37
243	FILTER CLAY FOR CDU3 KERO MEROX UNIT	FILTER CLAY FOR CDU3 KERO MEROX UNIT	54	MT	31
244	ACTIVATED CHARCOAL	ACTIVATED CHARCOAL	87.8	MT	
245	ROCK SALT FOR ATF SALT FILTER	ROCK SALT FOR ATF SALT FILTER	54	MT	

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246	RIVER SAND 8-16 MSEH DENSITY 1600 KG/M3 FOR CDU3 ( LPG/LN/MN/HN FILTER)	RIVER SAND 8-16 MSEH DENSITY 1600 KG/M3 FOR CDU3 ( LPG/LN/MN/HN FILTER)	78.4	MT	5
247	ANTIOXIDENT	ANTIOXIDENT	148044	LTRS	
248	ANTISATIC ADDITIVE	ANTISATIC ADDITIVE	30747.6	LTRS	
249	IIP-BPCL Catalyst For Caustic Regeneration	IIP-BPCL Catalyst For Caustic Regeneration	41.5	KG	
250	CORROSION INHIBITOR SR1244 DCU	CORROSION INHIBITOR SR1244 DCU	17520	KG	35
251	ANTIFOAM FOR DCU (SR1702)	ANTIFOAM FOR DCU (SR1702)	31000	KG	43
252	AMMONIUM POLYSULFIDE 49% FOR DCU	AMMONIUM POLYSULFIDE 49% FOR DCU	10105	KG	17
253	DEMULSIFIER FOR DCU (SR1127)	DEMULSIFIER FOR DCU (SR1127)	3000	KG	2
254	RIVER SAND 8-16 MSEH DENSITY 1600 KG/M3 FOR DCU ( LPG / LN / HN SOLVENT FILTER )	RIVER SAND 8-16 MSEH DENSITY 1600 KG/M3 FOR DCU ( LPG / LN / HN SOLVENT FILTER )	76.6	MT	5
255	GRAVELS FOR SAND IN DCU ( LPG / LN /HN / SOLVENT FILTER)	GRAVELS FOR SAND IN DCU ( LPG / LN /HN / SOLVENT FILTER)	4	MT	0.3
256	IIP-BPCL Catalyst For Caustic Regeneration	IIP-BPCL Catalyst For Caustic Regeneration	41.5	Kg	
257	HOUSEKEEPING IN CDU3 BLOCK ( CDU3 + DCU)	HOUSEKEEPING IN CDU3 BLOCK ( CDU3 + DCU)	SET	LUMPSUM	263
258	LIDAR SCANNING OF DCU COKE PIT	LIDAR SCANNING OF DCU COKE PIT	SET	LUMPSUM	7
259	ROUND THE CLOCK OPERATION OF DCU BRIDGE CRANE	ROUND THE CLOCK OPERATION OF DCU BRIDGE CRANE	SET	LUMPSUM	134
260	RIVER PEBBLES ,SIZE:30 - 50MM	GRAVELS & PEBBLES (NATURAL)	50	MT	3
261	GRAVEL,20 MM TO 50MM	GRAVELS & PEBBLES (NATURAL)	30	MT	2
262	LPG-commercial cylinders-Boilers	Commercial cylinders	30	MT	0.5
263	Sand for 16/40 Mesh for SSF, DMF & FB	Mesh size 16/40, River sand	500	MT	42
264	Sodium Hypochlorite 10% Soln in Barrels	10% concentration	500000	KG	76
265	Lime, Hydrated,86% Conc	IS 1514.1990; Purity 86% min by mass conc. as (CaOH)2, 0.3% max by mass Iron as Fe2O3, Acid insolubles max. 1.5% max.by mass	100000	KG	15
266	INDFLOC 238 - RWT	Proprietary chemical	6000	KG	5
267	HCL ACID 30% CORE TECH GRADE,IRON20PPM	HCL ACID 30% CORE TECH GRADE,IRON20PPM	5000000	KG	1
268	Sodium chlorite NaClO2, 25% Solu	Sodium chlorite NaClO2, 25% Solution	800000	KG	475
269	ACTIVATED CARBON MESH SIZE-12-X40USS CPU	MESH / SIEVE SIZE: 8 X 12 5%, MOSITURE: 5% MAX., ASH CONTENT	200000	KG	176
270	CALCIUM CHLORIDE CACL2	CaCl2 = 90 % min, Ca(OH)2 = 0.3 % max. NaCl = 3 % max, Fe = 0.08 % max.	40000	KG	9
271	Caustic Soda Lye above 47% on 100% NAOH	Caustic Soda Lye above 47% strength	3300	MT	1295
272	Activated Alumina for Inst. Air Driers	SIZE:3-5 MM,SHAPE:SPH	15000	KG	16
273	GAS TURBINE WATER WASH CHEMICAL ZOK 27	Proprietary chemical	1050	KG	6
274	SODIUM CHLORITE(NACLO2) IN DRUMS-C/TOWER	Sodium chlorite NaClO2, 25% Solution	1100000	KG	715
275	CPP-3 DM Plant Strong Acid Cation Resin	Cation resin	71842	L	65
276	INDION 1606 pH BOOSTER	Proprietary chemical	19815	KG	44
277	KEM WATREAT PP	Proprietary chemical	20501	KG	29
278	KEM WATREAT C 2230A	Proprietary chemical	16401	KG	29
279	KEM WATREAT C HPA2	Proprietary chemical	7654	KG	16
280	KEM WATREAT C 5362B-MR	Proprietary chemical	27334	KG	41
281	KEM WATREAT C 201 PLUS	Proprietary chemical	5396	KG	9
282	KEM WATREAT C BD	Proprietary chemical	6999	KG	10
283	KEM WATREAT C 306MR	Proprietary chemical	8094	KG	14
284	KEM WATREAT O30	Proprietary chemical	1235	KG	2
285	INDION 1521 (O2 SCAVENGER)	Proprietary chemical	2477	KG	9
286	HCL ACID IN DRUMS(NON-RETURNABLE) FOR CT-New Bar	HCL ACID 30% CORE TECH GRADE,IRON 20PPM	1000000	KG	77
287	CORROCIL-337a	Proprietary chemical	36348	KG	48
288	CORROCIL-337Pa	Proprietary chemical	36348	KG	68
289	CORROCIL-338a	Proprietary chemical	19357	KG	39
290	CORROCIL-337Za	Proprietary chemical	18174	KG	20
291	SCACIL-337a	Proprietary chemical	48609	KG	69
292	CORROCIL-2337a	Proprietary chemical	12261	KG	13
293	SCACIL-4337a	Proprietary chemical	13051	KG	15
294	BIONIL-5337a	Proprietary chemical	23573	KG	45
295	BIONIL-6337a	Proprietary chemical	21600	KG	41
296	BIONIL-2337a	Proprietary chemical	23442	KG	44
297	VOD-337a	Proprietary chemical	2100	KG	3
298	BIONIL-3337a	Proprietary chemical	1088	KG	2

Sr no	Description of item	Broad specifications Parameters	Qty	Accounting Unit	Estimated value of procurements (in lakhs)
299	KEM WATREAT C Z20	Proprietary chemical	10250	KG	10
300	KEM WATREAT C 307MR-2	Proprietary chemical	8144	KG	16
301	KEM WATREAT C 306MR-2	Proprietary chemical	7250	KG	12
302	KEM WAREAT C 303	Proprietary chemical	442	KG	0.4
303	KEM INHIBITOR 92B	Proprietary chemical	10	KG	0.02
304	POLY ALUMINIUM CHLORIDE(PAC)--RWTP-1,2	BIS: 15573/2018	150000	KG	59
305	BEVERAGE GRADE LIQUID CARBON-DI-OXIDECO2	CARBON MONOXIDE: BDL; CO2 % BY VOL:99.99%	24000	KG	6
306	SODA ASH, 98.5% purity in 25 KG PACKING	SODA ASH, 98.5 % PURITY AS PER IS-251	700000	KG	246
307	TULSION A23 - STRONG BASE ANION RESIN	Strong Base Anion Resin	26642	L	51
308	SODIUM MOLYBDATE.DIHYDRATE(NA2MOO4.2H2O)	Proprietary chemical	35000	KG	260
309	PHOSPAHTE CHEMICAL-1	Proprietary chemical	6132	KG	5
310	PHOSPAHTE CHEMICAL-2	Proprietary chemical	1568	KG	1
311	PHOSPAHTE CHEMICAL-3	Proprietary chemical	8541	KG	6
312	DOSHION STRONG BASE ANION RESIN GA-13	Strong Base Anion Resin	25660	L	53
313	DOSHION WEAK BASE ANION RESIN AWB-7020D	Weak Base Anion Resin	11180	L	27
314	Peroxide-101	As per Technical speccification	22	MT	426
315	Di-methyl Di-Sulphide (DMDS)	As per Technical speccification	110000	Kg	753