

Name of the Organisation: MANGALORE REFINERY AND PETROCHEMICALS LIMITED

website link: www.mrpl.co.in/annualprocurementplan

Ministry/Department: PETROLEUM AND NATURAL GAS

FY 2029-30

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	758
2	Miscellaneous Electrical Jobs	As per scope of work	Lumpsum	Set	632
3	AMC services for HVAC	As per scope of work	Lumpsum	Set	218
4	AMC for Township Maintenance	As per scope of work	Lumpsum	Set	70
5	AMC for Lift Maintenance (Plant & Non Plant)	As per scope of work	Lumpsum	Set	86
6	AMC for EPABX	As per scope of work	Lumpsum	Set	22
7	AMC for TETRA Radio Systems	As per scope of work	Lumpsum	Set	46
8	AMC for Fire Alarm System	As per scope of work	Lumpsum	Set	43
9	AMC for PA system	As per scope of work	Lumpsum	Set	28
10	AMC for Actuator Maintenance	As per scope of work	Lumpsum	Set	72
11	AMC for Battery Charger	As per scope of work	Lumpsum	Set	59
12	AMC for UPS servicing	As per scope of work	Lumpsum	Set	86
13	EOT Servicing	As per scope of work	Lumpsum	Set	146
14	AMC for Solar System	As per scope of work	Lumpsum	Set	54
15	AMC for VFD system	As per scope of work	Lumpsum	Set	48
16	Supply of Safety stewards	As per scope of work	Lumpsum	AU	109
17	ARC for steam trap Fabrication group	As per scope of work	Lumpsum	AU	64
18	ARC of Roling of Pipe&MS palte	As per scope of work	Lumpsum	AU	5
19	ARC of Media loading	As per scope of work	Lumpsum	AU	264
20	ARC for SPU conveyor belts & pulley repair by hot & coldvulcanizing process in SRU2,SRU7 & PH3 SRU	As per scope of work	Lumpsum	AU	7
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	2320
22	ARC for Hot insulation jobs of MRPL Refinery	As per scope of work	Lumpsum	AU	851
23	ARC for Hot insulation jobs of MRPL Aromatics	As per scope of work	Lumpsum	AU	365
24	ARC for painting jobs of Piping, equipment, structural, valves, etc. asper tender.	As per scope of work	Lumpsum	AU	2431
25	Tender for ARC for Carrying Out Lettering/ Stenciling/Background/ ColorBand Painting Jobs.	As per scope of work	Lumpsum	AU	36
26	On line sealing of Hydrocarbon lines	As per scope of work	Lumpsum	AU	243
27	ARC for Heat Exchangers & Finfan Coolers Overhauling & Testing Job inrefinery units	As per scope of work	Lumpsum	AU	395
28	ARC for sludge sucking and unloading by super sucker vacuum truck	As per scope of work	Lumpsum	AU	103
29	ARC for Mechanical Maintenance job in Phase 1 and 2 Refinery units andWorkshop	As per scope of work	Lumpsum	AU	2170
30	ARC for Mechanical Maintenance jobs in Phase#3 RefineryUnits and Workshop.	As per scope of work	Lumpsum	AU	2115
31	ARC for Phase-I, II, III units IBR circuit M &I jobs and certification	As per scope of work	Lumpsum	AU	267
32	ARC for IBR bolier maintenance and inspection and fabrication at Refinery	As per scope of work	Lumpsum	AU	425
33	ARC for carrying out maintenance jobs during shutdown(Manpower supply)	As per scope of work	Lumpsum	AU	709
34	ARC for Scaffolding erection and dismantling jobs atMRPL Refinery.	As per scope of work	Lumpsum	AU	729
35	ARC for Online Steam Leaks Attending jobs.	As per scope of work	Lumpsum	AU	190
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	959
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	213
39	ARC for Fabrication Groups at Aromatics Complex.	As per scope of work	Lumpsum	AU	208
40	ARC for Fabrication and erection of pipe line and other structural workfor maintenance and modifications job in MRPL –Aromatics Complex	As per scope of work	Lumpsum	AU	107
41	Instrumentation obsolescence removal related purchases & services	As per scope of work and supply	Lumsum	Set	500
42	Instrumentation services- AMCs , ARCs & OEM expert services	As per scope of work	Lumsum	Set	1800
43	ARC for Workshop manpower resources at Aromatic Complex	As per scope of work	Lumpsum	AU	112
44	ARC For Special Painting Jobs	As per scope of work	Lumpsum	AU	27
45	ARC For Steam Trap Management System- Aromatic Complex	As per scope of work	Lumpsum	AU	118
46	ARC For The Repair Of Rolling Shutters	As per scope of work	Lumpsum	AU	4
47	O&M of Caterpillar Engines at SPM BPS	As per scope of work	Lumpsum	AU	68
48	ARC Rubber lining jobs	As per scope of work	Lumpsum	AU	27
49	ARC PSV overhauling Aromatics	As per scope of work	Lumpsum	AU	30
50	ARC For Double Coating & Wrapping For Under Ground Pipelines Atrefinery, Oil Jetty, Sarapady Etc	As per scope of work	Lumpsum	AU	19
51	ARC-Marine loading arm maintenance Aromatics	As per scope of work	Lumpsum	AU	10
52	ARC for Cooling tower M&I	As per scope of work	Lumpsum	AU	72
53	ARC for scrap seggregation and shifting	As per scope of work	Lumpsum	AU	91
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	22
56	Steam Traps Management and Optimization MRPLRefinery	As per scope of work	Lumpsum	AU	261
57	ARC for Chain Pully blocks / Mono blocks overhauling with spares	As per scope of work	Lumpsum	AU	21
58	ARC for Carrying out Retubing of Heat Exchangers in Refinery during Plant running and shutdown	As per scope of work	Lumpsum	AU	292
59	ARC for cold tapping & cold cutting services	As per scope of work	Lumpsum	AU	45
60	ARC for scaffolding works in Aromatics	As per scope of work	Lumpsum	AU	73
61	ARC for maintenance of fire water network in MRPL atvarious locations in the Refinery, Power plant, utilities,	As per scope of work	Lumpsum	AU	52
62	ARC for Diesel Engine Maintenance Job at MRPL AromaticComplex	As per scope of work	Lumpsum	AU	5
63	ARC for painting jobs of Piping, equipment, structural, valves, etc.in Aromatics	As per scope of work	Lumpsum	AU	255
64	Tender for ARC for Carrying Out Lettering/ Stenciling/Background/ Color Band Painting Jobs at Aromatic complex	As per scope of work	Lumpsum	AU	28
65	ARC for machining services using CNC Lathe, Milling, Surface GrindingMachine 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	15
67	ARC for overhauling of heat exchangers at Aromatics	As per scope of work	Lumpsum	AU	52
68	Dry ice cleaning of Aromatics CPP Boilers (UB-2 nos, HRSG- 2 nos)	As per scope of work	Lumpsum	AU	27
69	Hiring of Hydra, forklift, Trailer Aromatics	As per scope of work	Lumpsum	AU	43
70	ARC of Valve servicing	As per scope of work	Lumpsum	AU	92
71	Arc For Sludge Sucking and Unloading By Super Suckervacuum Truck Inside MRPL Aromatics Complex	As per scope of work	Lumpsum	AU	36

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72	ARC for Stress Relieving job	As per scope of work	Lumpsum	AU	22
73	ARC for IBR bolier maintenance and inspection and WHRB circuits at Aromatic Complex	As per scope of work	Lumpsum	AU	33
74	Supply - Tarpaulin / HDPE / Fittings / Software	As per scope of work	Lumpsum	Set	22
75	Aluminium & upvc	As per scope of work	Lumpsum	Set	125
76	Civil Plant	As per scope of work	Lumpsum	Set	1172
77	Civil Sarapady	As per scope of work	Lumpsum	Set	88
78	Grass cutting	As per scope of work	Lumpsum	Set	235
79	Desilting	As per scope of work	Lumpsum	Set	132
80	Plumbing	As per scope of work	Lumpsum	Set	118
81	Tech Manpower	As per scope of work	Lumpsum	Set	118
82	Building painting	As per scope of work	Lumpsum	Set	513
83	Acid tiling	As per scope of work	Lumpsum	Set	81
84	Civil Consultancy	As per scope of work	Lumpsum	Set	88
85	Core cutting	As per scope of work	Lumpsum	Set	74
86	Surveying	As per scope of work	Lumpsum	Set	22
87	Tank pad	As per scope of work	Lumpsum	Set	44
88	Water proofing	As per scope of work	Lumpsum	Set	103
89	Asphalting	As per scope of work	Lumpsum	Set	733
90	Soil investigation	As per scope of work	Lumpsum	Set	37
91	Equipment services	As per scope of work	Lumpsum	Set	52
92	Civil work for shutdown	As per scope of work	Lumpsum	Set	74
93	NDT - Stability checking	As per scope of work	Lumpsum	Set	74
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	30
97	Fire water line exposing	As per scope of work	Lumpsum	Set	74
98	Fire proofing	As per scope of work	Lumpsum	Set	293
99	Roofing	As per scope of work	Lumpsum	Set	352
100	PCC below piperack	As per scope of work	Lumpsum	Set	293
101	Razor concertina coil / Fencing	As per scope of work	Lumpsum	Set	191
102	Specialized Chemical coating	As per scope of work	Lumpsum	Set	220
103	UG line exposing - Cross country	As per scope of work	Lumpsum	Set	110
104	RCC chimney strengthening	As per scope of work	Lumpsum	Set	
105	Super sucker serviecs	As per scope of work	Lumpsum	Set	15
106	Dredging for Thumbbe dam	As per scope of work	Lumpsum	Set	59
107	Sign board / Vinyl sticker / ACP	As per scope of work	Lumpsum	Set	88
108	Other services - Crash barrier / Modification / Emergency jobs	As per scope of work	Lumpsum	Set	147
109	Township - Plumbing	As per scope of work	Lumpsum	Set	118
110	Township - Civil	As per scope of work	Lumpsum	Set	147
111	Township - Grass cutting	As per scope of work	Lumpsum	Set	15
112	Township - Internal painting and Mosaic	As per scope of work	Lumpsum	Set	118
113	Township - External painting	As per scope of work	Lumpsum	Set	220
114	Township - Water proofing	As per scope of work	Lumpsum	Set	88
115	Township - NDT Stability checking	As per scope of work	Lumpsum	Set	30
116	Township - Roofing	As per scope of work	Lumpsum	Set	147
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	315
121	ARC for supply of gaskets	As per scope of work	Lumpsum	AU	183
122	Supply of Studs with Nuts	As per scope of work	Lumpsum	AU	233
123	ARC(ARC) for the supply of prefilter cartridge for ROprefilters as per specification	As per scope of work	Lumpsum	AU	89
124	Supply of Refractory Materials	As per scope of work	Lumpsum	AU	73
125	ARC for Supply of Spares for Burners installed in Fired Heaters of Phase1 and 2	As per scope of work	Lumpsum	AU	44
126	ARC Supply of Antifriction Bearings	As per scope of work	Lumpsum	AU	190

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127	Supply of Lube Oil as per specification on ARC Basis	As per scope of work	Lumpsum	AU	213
128	ARC for Supply of Synthetic Lube Oil.	As per scope of work	Lumpsum	AU	122
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	111
132	Procurement of CPVC Pipes and Fittings	As per Technical specification	Lumpsum	AU	36
133	Procurement of Valves	As per Technical specification	Lumpsum	AU	365
134	Safety Relief valve spares	As per Technical specification	Lumpsum	AU	122
135	Work shop tools & tackles & consumable	As per Technical specification	Lumpsum	AU	103
136	Supply of structural steel	As per Technical specification	Lumpsum	AU	134
137	Supply of timing belt and v-belt	As per Technical specification	Lumpsum	AU	103
138	Centrifugal pump spares	As per Technical specification	Lumpsum	AU	729
139	Reciprocating pump spares	As per Technical specification	Lumpsum	AU	192
140	Heat exchanger Spares	As per Technical specification	Lumpsum	AU	122
141	Supply of small bore fittings	As per Technical specification	Lumpsum	AU	365
142	Civil Plumbing materials	As per Technical specification	Lumpsum	AU	30
143	Compressor spares	As per Technical specification	Lumpsum	AU	1762
144	Turbine Spares	As per Technical specification	Lumpsum	AU	960
145	Supply - Tarpaulin / HDPE / Fittings / Software	As per scope of work	Lumpsum	Set	22
146	Aluminium & upvc	As per scope of work	Lumpsum	Set	125
147	Civil Plant	As per scope of work	Lumpsum	Set	1172
148	Civil Sarapady	As per scope of work	Lumpsum	Set	88
149	Grass cutting	As per scope of work	Lumpsum	Set	235
150	Desilting	As per scope of work	Lumpsum	Set	132
151	Plumbing	As per scope of work	Lumpsum	Set	118
152	Tech Manpower	As per scope of work	Lumpsum	Set	118
153	Building painting	As per scope of work	Lumpsum	Set	513
154	Acid tiling	As per scope of work	Lumpsum	Set	81
155	Civil Consultancy	As per scope of work	Lumpsum	Set	88
156	Core cutting	As per scope of work	Lumpsum	Set	74
157	Surveying	As per scope of work	Lumpsum	Set	22
158	Tank pad	As per scope of work	Lumpsum	Set	44
159	Water proofing	As per scope of work	Lumpsum	Set	103
160	Asphalting	As per scope of work	Lumpsum	Set	733
161	Soil investigation	As per scope of work	Lumpsum	Set	37
162	Equipment services	As per scope of work	Lumpsum	Set	52
163	Civil work for shutdown	As per scope of work	Lumpsum	Set	74
164	NDT - Stability checking	As per scope of work	Lumpsum	Set	74
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	30
168	Fire water line exposing	As per scope of work	Lumpsum	Set	74
169	Fire proofing	As per scope of work	Lumpsum	Set	293
170	Roofing	As per scope of work	Lumpsum	Set	352
171	PCC below piperack	As per scope of work	Lumpsum	Set	293
172	Razor concertina coil / Fencing	As per scope of work	Lumpsum	Set	191
173	Specialized Chemical coating	As per scope of work	Lumpsum	Set	220
174	UG line exposing - Cross country	As per scope of work	Lumpsum	Set	110
175	RCC chimney strengthening	As per scope of work	Lumpsum	Set	
176	Super sucker serviecs	As per scope of work	Lumpsum	Set	15
177	Dredging for Thumbbe dam	As per scope of work	Lumpsum	Set	59
178	Sign board / Vinyl sticker / ACP	As per scope of work	Lumpsum	Set	88
179	Other services - Crash barrier / Modification / Emergency jobs	As per scope of work	Lumpsum	Set	147
180	Township - Plumbing	As per scope of work	Lumpsum	Set	118
181	Township - Civil	As per scope of work	Lumpsum	Set	147
182	Township - Grass cutting	As per scope of work	Lumpsum	Set	15
183	Township - Internal painting and Mosaic	As per scope of work	Lumpsum	Set	118
184	Township - External painting	As per scope of work	Lumpsum	Set	220

Sr no	Description of item	Broad specifications Parameters	Qty	Accounting Unit	Estimated value of procurements (in lakhs)
185	Township - Water proofing	As per scope of work	Lumpsum	Set	88
186	Township - NDT Stability checking	As per scope of work	Lumpsum	Set	30
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
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
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
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 DHDT PHASE-3	ANTIFOULANT FOR DHDT PHASE-3	13000	KG	24
200	PHOSPAHTE CHEMICAL-2	PHOSPAHTE CHEMICAL-2	25	KG	0
201	PHOSPAHTE CHEMICAL-3	PHOSPAHTE CHEMICAL-3	2500	KG	2
202	Antioxidant for ATF	Antioxidant for ATF	2000	KG	8
203	DMDS	DMDS	55000	KG	344
204	Housekeeping in HGU3 Block	Housekeeping in HGU3 Block	set	Lumpsum	315
205	CORROSION INHIBITOR -DORF SR 1200	CORROSION INHIBITOR -DORF SR 1200	270	kg	1
206	DMDS	DMDS	9	Ton	56
207	FGTU Methanator catalyst	FGTU Methanator catalyst	320	ltr	11
208	FGTU ZnO bed	FGTU ZnO bed	240	ltr	4
209	FGTU Hydrogen Chloride Guard Bed	FGTU Hydrogen Chloride Guard Bed	1.4	m3	2
210	CORROSION INHIBITOR -DORF SR 1201	CORROSION INHIBITOR -DORF SR 1201	492	kg	2
211	SALT, ROCK, US-SIEVE NO 2-1/2	SALT, ROCK, US-SIEVE NO 2-1/2	35	Ton	6
212	ANTIFOAM-ION3833/SR 1729 AMINE TREATMENT	ANTIFOAM-ION3833/SR 1729 AMINE TREATMENT	2400	kg	3
213	Nickel Passivator	Nickel Passivator	15592.5	kg	116
214	Phosphate Chemical-2 (Indion 6194)	Phosphate Chemical-2 (Indion 6194)	87.6	kg	0
215	Phosphate Chemical-3 (Indion 2566)	Phosphate Chemical-3 (Indion 2566)	2190	kg	1
216	WSS Flocculant	WSS Flocculant	250	kg	1
217	WSS Coagulant	WSS Coagulant	5530	kg	3
218	Inert Ceramic Balls-25 mm	Inert Ceramic Balls-25 mm	17920	kg	8
219	Inert Ceramic Balls-13 mm	Inert Ceramic Balls-13 mm	7280	kg	3
220	Inert Ceramic Balls-6 mm	Inert Ceramic Balls-6 mm	3920	kg	2
221	Inert Ceramic Balls-3 mm	Inert Ceramic Balls-3 mm	3360	kg	1
222	Upkeep in PFCC block	Upkeep in PFCC block	1	Set	122
223	CATALYST (LYNX)	CATALYST (LYNX)	28.734	Ton	6561
224	CO CATALYST (TEAL)	CO CATALYST (TEAL)	118.98	Ton	500
225	IPA (200L)	IPA (200L)	2857	ltr	4
226	WHITE (MINERAL) OIL (208L)	WHITE (MINERAL) OIL (208L)	8180	ltr	10
227	(#) ATMER- (ALKYLAMINE ETHOXYLATED /AROMOSTAT-400)	(#) ATMER- (ALKYLAMINE ETHOXYLATED /AROMOSTAT-400)	3.78	Ton	27
228	(#) SILANE	(#) SILANE	3.44	Ton	41
229	ANTIOXIDANT-1010-(SONGNOX 1010 / ETHANOX-310)	ANTIOXIDANT-1010-(SONGNOX 1010 / ETHANOX-310)	215.9	Ton	726
230	PHOSPHITE-168- (SONGNOX 1680 / RICHFOS-168)	PHOSPHITE-168- (SONGNOX 1680 / RICHFOS-168)	375.72	Ton	1113
231	DIHYDROTALCITE- (DHT4A / HYCITE 713)	DIHYDROTALCITE- (DHT4A / HYCITE 713)	92.21	Ton	300
232	CALCIUM STEARATE STANDARD- (LIGASTER CA-860 / "DLI" METALIC STEARATES)	CALCIUM STEARATE STANDARD- (LIGASTER CA-860 / "DLI" METALIC STEARATES)	85.55	Ton	115
233	CALCIUM STEARATE F&T- (LIGASTAR CA350)	CALCIUM STEARATE F&T- (LIGASTAR CA350)	20.96	Ton	25
234	OLEAMIDE F&T- (CRODAMIDE VRX)	OLEAMIDE F&T- (CRODAMIDE VRX)	89.74	Ton	278
235	ERUCAMIDE FILM- (FINAWAX-E)	ERUCAMIDE FILM- (FINAWAX-E)	47.16	Ton	249
236	SILICA- (SYLOBLOC-45, DUSIL AB 7400 10 KG EACH)	SILICA- (SYLOBLOC-45, DUSIL AB 7400 10 KG EACH)	146.44	Ton	294
237	ANTIOXIDANT3114- (SONGNOX 3114)	ANTIOXIDANT3114- (SONGNOX 3114)	16.92	Ton	68
238	GMS 55- (ATMER 122)--FINASTAT 9500	GMS 55- (ATMER 122)--FINASTAT 9500	41.06	Ton	69
239	PHOSPHITE P-EPQ- (HOSTANOX P EPQ P)	PHOSPHITE P-EPQ- (HOSTANOX P EPQ P)	3.13	Ton	8
240	NUCLEATING AGENT HO-1506	NUCLEATING AGENT HO-1506	4.2	Ton	62
241	Luperox DTA M50 A	Luperox DTA M50 A	22.625	Ton	144

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242	HYPERFORM HPN900EI	HYPERFORM HPN900EI	2	Ton	480
243	FGTU Methanator catalyst	FGTU Methanator catalyst	320	ltr	11
244	Inert Ceramic Balls-25 mm	Inert Ceramic Balls-25 mm	17920	kg	8
245	Inert Ceramic Balls-13 mm	Inert Ceramic Balls-13 mm	7280	kg	3
246	Inert Ceramic Balls-6 mm	Inert Ceramic Balls-6 mm	3920	kg	2
247	Inert Ceramic Balls-3 mm	Inert Ceramic Balls-3 mm	3360	kg	1
248	Upkeep in PPU block	Upkeep in PPU block	1	kg	113
249	NaClO2 (SODIUM CLORITE)	NaClO2 (SODIUM CLORITE)	49	Ton	
250	HCl	HCl	42	Ton	
251	Na ₂ CO ₃ (SODA ASH)	Na ₂ CO ₃ (SODA ASH)	14	Ton	
252	CaCl2 (CALCIUM CHLORIDE)	CaCl2 (CALCIUM CHLORIDE)	13.56	Ton	
253	DEMULSIFIER DORF DR1123	DEMULSIFIER DORF DR1123	18080	KG	50
254	DESALTER CONTINGENCY SPECIALITY ADDITIVE	DESALTER CONTINGENCY SPECIALITY ADDITIVE	4521	KG	4
255	CORROSION INHIBITOR SR1200	CORROSION INHIBITOR SR1200	27095	KG	64
256	NEUTRALISING AMINE SR1259	NEUTRALISING AMINE SR1259	18894	KG	37
257	FILTER CLAY FOR CDU3 KERO MEROX UNIT	FILTER CLAY FOR CDU3 KERO MEROX UNIT	54	MT	31
258	ACTIVATED CHARCOAL	ACTIVATED CHARCOAL	87.8	MT	
259	ROCK SALT FOR ATF SALT FILTER	ROCK SALT FOR ATF SALT FILTER	54	MT	
260	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
261	ANTIOXIDENT	ANTIOXIDENT	148044	LTRS	
262	ANTISATIC ADDITIVE	ANTISATIC ADDITIVE	30747.6	LTRS	
263	IIP-BPCL Catalyst For Caustic Regeneration	IIP-BPCL Catalyst For Caustic Regeneration	41.5	KG	
264	CORROSION INHIBITOR SR1244 DCU	CORROSION INHIBITOR SR1244 DCU	17520	KG	35
265	ANTI FOAM FOR DCU (SR1702)	ANTI FOAM FOR DCU (SR1702)	31000	KG	43
266	AMMONIUM POLYSULFIDE 49% FOR DCU	AMMONIUM POLYSULFIDE 49% FOR DCU	10105	KG	17
267	DEMULSIFIER FOR DCU (SR1127)	DEMULSIFIER FOR DCU (SR1127)	3000	KG	2
268	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
269	GRAVELS FOR SAND IN DCU (LPG / LN / HN / SOLVENT FILTER)	GRAVELS FOR SAND IN DCU (LPG / LN / HN / SOLVENT FILTER)	4	MT	0
270	IIP-BPCL Catalyst For Caustic Regeneration	IIP-BPCL Catalyst For Caustic Regeneration	41.5	Kg	
271	HOUSEKEEPING IN CDU3 BLOCK (CDU3 + DCU)	HOUSEKEEPING IN CDU3 BLOCK (CDU3 + DCU)	SET	LUMPSUM	263
272	LIDAR SCANNING OF DCU COKE PIT	LIDAR SCANNING OF DCU COKE PIT	SET	LUMPSUM	7
273	ROUND THE CLOCK OPERATION OF DCU BRIDGE CRANE	ROUND THE CLOCK OPERATION OF DCU BRIDGE CRANE	SET	LUMPSUM	134
274	RIVER PEBBLES ,SIZE:30 - 50MM	GRAVELS & PEBBLES (NATURAL)	50	MT	3.46
275	GRAVEL,20 MM TO 50MM	GRAVELS & PEBBLES (NATURAL)	30	MT	2.08
276	LPG-commercial cylinders-Boilers	Commercial cylinders	30	MT	0.47
277	Sand for 16/40 Mesh for SSF, DMF & FB	Mesh size 16/40, River sand	500	MT	41.75
278	Sodium Hypochlorite 10% Soln in Barrels	10% concentration	500000	KG	76.00
279	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	15.38
280	INDFLOC 238 - RWT	Proprietary chemical	6000	KG	5.38
281	HCL ACID 30% CORE TECH GRADE,IRON20PPM	HCL ACID 30% CORE TECH GRADE,IRON20PPM	5000000	KG	0.50
282	Sodium chlorite NaClO2, 25% Solu	Sodium chlorite NaClO2, 25% Solution	800000	KG	475.20
283	ACTIVATED CARBON MESH SIZE-12-X40USS CPU	MESH / SIEVE SIZE: 8 X 12 5%, MOSITURE: 5% MAX., ASH CONTENT	200000	KG	176.18
284	CALCIUM CHLORIDE CaCl2	CaCl2 = 90 % min, Ca(OH)2 = 0.3 % max. NaCl = 3 % max, Fe = 0.08 % max.	40000	KG	8.98
285	Caustic Soda Lye above 47% on 100% NAOH	Caustic Soda Lye above 47% strength	3300	MT	1,294.82
286	Activated Alumina for Inst. Air Driers	SIZE:3-5 MM,SHAPE:SPH	15000	KG	16.03
287	GAS TURBINE WATER WASH CHEMICAL ZOK 27	Proprietary chemical	1050	KG	6.24
288	SODIUM CHLORITE(NACLO2) IN DRUMS-C/TOWER	Sodium chlorite NaClO2, 25% Solution	1100000	KG	715.00
289	CPP-3 DM Plant Strong Acid Cation Resin	Cation resin	71842	L	64.80
290	INDION 1606 pH BOOSTER	Proprietary chemical	19815	KG	44.25
291	KEM WATREAT PP	Proprietary chemical	20501	KG	28.98
292	KEM WATREAT C 2230A	Proprietary chemical	16401	KG	28.53
293	KEM WATREAT C HPA2	Proprietary chemical	7654	KG	15.81

Sr no	Description of item	Broad specifications Parameters	Qty	Accounting Unit	Estimated value of procurements (in lakhs)
294	KEM WATREAT C 5362B-MR	Proprietary chemical	27334	KG	41.34
295	KEM WATREAT C 201 PLUS	Proprietary chemical	5396	KG	9.39
296	KEM WATREAT C BD	Proprietary chemical	6999	KG	10.42
297	KEM WATREAT C 306MR	Proprietary chemical	8094	KG	14.08
298	KEM WATREAT O30	Proprietary chemical	1235	KG	1.79
299	INDION 1521 (O2 SCAVENGER)	Proprietary chemical	2477	KG	8.91
300	HCL ACID IN DRUMS(NON-RETURNABLE) FOR CT-New Barr	HCL ACID 30% CORE TECH GRADE,IRON 20PPM	1000000	KG	77.00
301	CORROCIL-337a	Proprietary chemical	36348	KG	47.98
302	CORROCIL-337Pa	Proprietary chemical	36348	KG	67.97
303	CORROCIL-338a	Proprietary chemical	19357	KG	39.39
304	CORROCIL-337Za	Proprietary chemical	18174	KG	19.99
305	SCACIL-337a	Proprietary chemical	48609	KG	68.98
306	CORROCIL-2337a	Proprietary chemical	12261	KG	12.68
307	SCACIL-4337a	Proprietary chemical	13051	KG	15.07
308	BIONIL-5337a	Proprietary chemical	23573	KG	44.60
309	BIONIL-6337a	Proprietary chemical	21600	KG	40.87
310	BIONIL-2337a	Proprietary chemical	23442	KG	44.35
311	VOD-337a	Proprietary chemical	2100	KG	3.07
312	BIONIL-3337a	Proprietary chemical	1088	KG	2.06
313	KEM WATREAT C Z20	Proprietary chemical	10250	KG	10.25
314	KEM WATREAT C 307MR-2	Proprietary chemical	8144	KG	15.76
315	KEM WATREAT C 306MR-2	Proprietary chemical	7250	KG	11.98
316	KEM WAREAT C 303	Proprietary chemical	442	KG	0.41
317	KEM INHIBITOR 92B	Proprietary chemical	10	KG	0.02
318	POLY ALUMINIUM CHLORIDE(PAC)--RWTP-1,2	BIS: 15573/2018	150000	KG	58.50
319	BEVERAGE GRADE LIQUID CARBON-DI-OXIDECO2	CARBON MONOXIDE: BDL; CO2 % BY VOL:99.99%	24000	KG	5.89
320	SODA ASH, 98.5% purity in 25 KG PACKING	SODA ASH, 98.5 % PURITY AS PER IS-251	700000	KG	246.32
321	TULSION A23 - STRONG BASE ANION RESIN	Strong Base Anion Resin	26642	L	51.29
322	SODIUM MOLYBDATE.DIHYDRATE(NA2MOO4.2H2O)	Proprietary chemical	35000	KG	259.88
323	PHOSPAHTE CHEMICAL-1	Proprietary chemical	6132	KG	4.93
324	PHOSPAHTE CHEMICAL-2	Proprietary chemical	1568	KG	1.35
325	PHOSPAHTE CHEMICAL-3	Proprietary chemical	8541	KG	6.30
326	DOSHION STRONG BASE ANION RESIN GA-13	Strong Base Anion Resin	25660	L	53.06
327	DOSHION WEAK BASE ANION RESIN AWB-7020D	Weak Base Anion Resin	11180	L	27.42
328	RSH and COS Guard bed for Propylene	As per Technical speccification	85	m3	440.80
329	Peroxide-101	As per Technical speccification	22	MT	426.00
330	Di-methyl Di-Sulphide (DMDS)	As per Technical speccification	50000	Kg	342.00