Name of the Organisation: MANGALORE REFINERY AND PETROCHEMICALS LIMITED

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

Ministry/Department: PETROLEUM AND NATURAL GAS
Financial Year: 2022-23

Sr. No.	Description of item	Broad specifications Parameters	Quantity	Accounting Unit	Estimated value of Procurement INR, Lakhs
1	Sand for 16/32 Mesh for SSF, DMF & FB	Mesh size 16/32, River / Quartz sand	90	MT	7.11
2	River sand 8-6 Mesh	River sand 8-6 Mesh	15	MT	2.00
3	LPG-commercial cylinders-Boilers	Commercial cylinders	120	EA	3.00
4	Merox plus	To meet Process Requirement	3500	KG	30.31
5	UREA	Mol weight 60, SG 1.3-1.35 Techical gra	5000	KG	1.54
6	Sulfuric Acid	IS266 Latest, 98.5% strength	4225	KG	0.65
7	Sodium Hypo Chlorite	10% concentration	322790	KG	46.23
8	SODA ASH, 98.5 % PURITY AS PER IS-251/19	SODA ASH, 98.5 % PURITY AS PER IS-25	417970	KG	130.00
9	Soda ash 99.5%	Soda ash 99.5%	48830	KG	32.51
10	Rock Salt	Commercial grade, NaCl ~95%	401000	KG	64.75
11	Quartz Sand	Mesh size 16/32	160	MT	13.12
12	Pour point Despressant,for diesel	To meet Process Requirement	10000	KG	21.30
13	Dewatering Polyelectrolite	To meet Process Requirement	1800	KG	3.33
14	Perchloroethylene	To meet Process Requirement	185	MT	180.11
15	Orange Dye 1 KG PACK	achieve target colour of petrol	10000	KG	33.98
16	Oil Dispersant	To meet Process Requirement	2000	L	2.00
17	Non Ferric Alum	IS260-1969, Al2(OH)3, 17% concentrati	317735	KG	43.54
18	NEUTRILIZING AMINE,	Proprietary chemical	13270	KG	19.18
19	Multifunctional Additive - MFA	To meet Process Requirement	85000	KG	172.79
20	Methyl-Diethanolamine (MDEA)	min 99% purity	300	MT	382.76
21	Methaklone	To meet Process Requirement	7000	KG	4.00
22	LUBRICITY ADDITIVE	To meet Process Requirement	850000	KG	770.44
23	Lime, Hydrated	IS 1514.1990; Purity 86% min by mass	135930	KG	14.11
24	Tir Sodium Phospate	To meet Process Requirement	2844	KG	3.00
25	Volatile Oxygen Scavenger	Proprietary chemical	810	KG	3.00
26	INDFLOC 238 - RWT	Proprietary chemical	5740	KG	3.34
27	Hydrogen peroxide 50 %WT/WT	Hydrogen peroxide 50 %WT/WT	2500	MT	875.00
28	HCL ACID 30% CORE TECH GRADE,IRON20PPM	HCL ACID 30% CORE TECH GRADE,IRON	4013010	KG	64.47
29	DMDS	Sulphur content 68%, SG 1.06+/-0.01, Boilir	107000	KG	171.63
30	Di Ammonium Phosphate	To meet Process Requirement	14000	KG	9.66
31	Corrosion Inhibitor Dorf SR-1279	To meet Process Requirement	7825	KG	16.43
32	CORROSION INHIBITOR FOR DHDT - SR 1255	To meet Process Requirement	1000	KG	1.87
33	Corrosion Inhibitor GOHDS/VBU	To meet Process Requirement	0.75	MT	1.35
34	Clay treater for MX(XYLOL)	To meet Process Requirement	200	MT	99.19
35	Ceramic Ball 25 MM	Ceramic Ball 25 MM	10	EA	0.67
36	Ceramic Ball 6 MM	Ceramic Ball 6 MM	80	EA	5.34
37	Ceramic Ball 3 MM	Ceramic Ball 3 MM	55	EA	3.67
38	Ceramic Ball 19 MM	Ceramic Ball 19 MM	65	EA	4.34
39	Ceramic Ball 13 MM	Ceramic Ball 13 MM	5	EA	0.33
40	Carbon Activated	MESH / SIEVE SIZE: 8 X 12 <5%; 12 X 40	80000	KG	42.22
41	Anti Static-Stadis 450	To meet Process Requirement	17	EA	93.50
42	Ammonia	Technical grade	20100	KG	14.21
43	Sulphuric Acid	IS266 Latest, 98.5% strength	900	MT	100.80
44	H2S Scavenger	Reduction of H2S	5000	KG	8.59
45	N7208	Proprietary chemical	3000	KG	1.87
46	N 1742	Proprietary chemical	2330	KG	1.55
47	Demulsifier for CDU3, SR1198	Demulsification	9000	KG	12.47
48	THOXCAT ES : IIP	THOXCAT ES :	55	KG	3.80
49	Corrosion Inhibitor	To meet Process Requirement	7380	KG	9.30
50	Sodium Nitrate 98%	Sodium Nitrate 98%	7885	KG	3.59
51	Demulsifier	To meet Process Requirement	18300	KG	22.91
52	Methanol	Technical grade	2000	KG	1.00
53	Fileming Amine	To meet Process Requirement	21000	KG	26.21
54	Neutralising Amine	Proprietary chemical	10260	KG	14.54
55	Antifoulant EC3087A/SR1321	To meet Process Requirement	14000	KG	31.79
56	Sodium chlorite NaClO2, 25% Solu	Sodium chlorite NaClO2, 25% Solution	1094190	KG	763.20
57	Anti Oxidant 260 DBPC for ATF	To meet Process Requirement	3875	KG	12.09
58	PFCC Equillibrium Catalyst	To meet Process Requirement	200	MT	89.50

59	PFCC fresh catalyst	To meet Process Requirement	1500	MT	3642.12
60	TSP BT3000	To meet Process Requirement	500	KG	0.23
61	Poly Aluminium Chloride ETP3	To meet Process Requirement	60000	KG	7.80
62	Antiscalant	To meet Process Requirement	14000	KG	52.78
63	Sodium Meta Bisulfite ETP3	To meet Process Requirement	14000	KG	4.24
64	Copper Sulfate Pentahydrate	Copper Sulfate Pentahydrate	1000	KG	1.90
65	Pall Ring S410, 90MM packing	S410, 90MM packing	6	M3	2.57
66	Demulsifier	To meet Process Requirement	3000	KG	3.28
67	Ammonium Poly Sulfide	To meet Process Requirement	10200	KG	12.10
68	Corrsion Inhibitor	To meet Process Requirement	10200	KG	16.07
69	Antifoam for DCU	To meet Process Requirement	15000	KG	30.32
70	Release agent for SPU	To meet Process Requirement	12000	KG	54.81
71	Chloride Guard for process units	To meet Process Requirement	24700	L	35.63
72	Zinc Oxide catalyst in Hyd plant	Zinc Oxide catalyst in Hyd plant	6300	L	15.90
73	NALCO 1250	Proprietary chemical	3170	KG	6.37
74	Caustic Soda Lye above 47% on 100% NAOH	Caustic Soda Lye above 47% strength	3250	MT	1394.00
75	Antioxidant for MS	To meet Process Requirement	9380	KG	24.96
76	Alkylamine, ATMER	To meet Process Requirement	5	MT	22.14
77	Phosphite 168	To meet Process Requirement	375	MT	843.75
78	Antioxidant 1010	To meet Process Requirement	180	MT	513.00
79	PPU Antioxidant 3114	To meet Process Requirement	15	MT	85.00
80	Silane	To meet Process Requirement	4	MT	36.35
81	TEAL	To meet Process Requirement	105	MT	313.80
82	Dihydrotalcite	To meet Process Requirement	95	MT	160.55
83	Silica - Sylobloc	To meet Process Requirement	110	MT	184.07
84	Calcium Stearate Standard - CAST	To meet Process Requirement	90	MT	73.58
85	White Oil	To meet Process Requirement	8000	L	13.14
86	Hydrous Sodium Acetate	To meet Process Requirement	365000	KG	71.18
87	Wetting Agent For CDU3 RNB51232	To meet Process Requirement	3840	KG	5.06
88	Nitrogen for Full Refinery in KG	To meet Process Requirement	1350000	KG	127.79
89	Isopropanol	To meet Process Requirement	4000	L	3.69
90	PPU CATALYST	To meet Process Requirement	27500	KG	5623.20
91	Calcium Stearate F&T	To meet Process Requirement	15	MT	81.75
92	Erucamide F&T	To meet Process Requirement	33	MT	94.06
93	Oleamide F&T	To meet Process Requirement	65	MT	120.77
94	Citric acid	Technical grade	40000	KG	27.60
95	De Oling Polyelectrolite-DOPE Anionic	To meet Process Requirement	22000	KG	11.46
96	Garnet	Technical grade	150	MT	35.99
97	Anthracite	Technical grade	83	MT	26.81
98	Activated Carbon Granular; Coal based	MESH / SIEVE SIZE: 8 X 12 <5%; 12 X 40	52	MT	14.25
99	Corrosion control Products	Proprietary chemical	12120	KG	11.34
100	Corrosion control Products	Proprietary chemical	4480	KG	3.08
101	Corrosion control Products	Proprietary chemical	3495	KG	3.45
102	Corrosion control Products	Proprietary chemical	6330	KG	5.92
103	Corrosion control Products	Proprietary chemical	3605	KG	3.37
104	Corrosion control Products	Proprietary chemical	5535	KG	4.89
105	Corrosion control Products	Proprietary chemical	7240	KG	7.91
106	Corrosion control Products	Proprietary chemical	7060	KG	6.76
107	Corrosion control Products	Proprietary chemical	7955	KG	7.61
108	VOD 300	Proprietary chemical	440	KG	0.46
109	ANTIFOAM-for AMINE Treatment	To meet Process Requirement	5400	KG	8.48
110	Corrosion control Products	Proprietary chemical	25230	KG	24.93
111	Corrosion control Products	Proprietary chemical	19750	KG	16.43
112	Corrosion control Products	Proprietary chemical	14220	KG	16.27
113	Corrosion control Products	Proprietary chemical	16400	KG	10.23
114	Corrosion control Products	Proprietary chemical	43600	KG	58.95
115	Corrosion control Products	Proprietary chemical	12680	KG	15.82
116	Corrosion control Products	Proprietary chemical	13500	KG	16.85
117	Corrosion control Products	Proprietary chemical	19620	KG	20.40
118	Corrosion control Products	Proprietary chemical	22540	KG	18.75
119	Corrosion control Products	Proprietary chemical	20890	KG	28.24
121	DE OILING POLY ELECTROLYTE (DOPE) -CATIONIC	To meet Process Requirement	7500	KG	3.45
122	Antifoaming agent for MBR	To meet Process Requirement	10800	KG	42.75
123	HYDROCHLORIC ACID IN DRUM	HCL ACID 30% CORE TECH GRADE,IRON	592850	KG	53.95
124	SODIUM CHLORITE(NACLO2) IN DRUMS	Sodium chlorite NaClO2, 25% Solution	805140	KG	607.88

125	KEM WATREAT B 5780 M	To meet Process Requirement	8800	KG	20.98
126	KEM WATREAT B 70M	To meet Process Requirement	240	KG	0.76
127	Filterability Improvement Chemical	To meet Process Requirement	4500	KG	20.60
128	Merox WS-2	To meet Process Requirement	200	L	6.51
129	Corroision Inhibitor for Crude at SPM	To meet Process Requirement	385	KG	0.92
130	Corroision Inhibitor for Sea water at SPM	To meet Process Requirement	2050	KG	2.33
131	Hoses (Air, steam services)	To meet Process Requirement	1		65.00
137	SS316L PIPE FITTINGS	A403GR. WP316L of Various Sizes	100	Numbers	110.00
138	U-CLAMPS	U CLAMP W/2 NUTS+WASHER GI of Various Size	2000	Numbers	171.00
139	Supply of PP woven bags 25Kg	IS16703	17600000	Numbers	3,061
140	Ceramin Fibre Paper	CERAMIC FIBRE TAPE REINFORCED, of diffe	1000	M	105.00
141	Expansion Bellow/Elbows	EXPANSION JOINT,SUC/DISCH,250NB	250	Numbers	1,944.00
142	HEAT EXCHANGER TUBES	TUBE,SMLS,COLD DRAWN SA179 of dif	50000	M	687.00
143	Supply of Carbon Steel Pipes as per Specification.	A106 with various sizes	6000	M	255.00
144	Supply of MS plates	IS 206Z, SS304L, SS 316L, SA 240, SS221, SA387, SA516	500	MT	431.00
145	SUPPLY OF STUDS	STUD W/2 NUTS B7/2H of various sizes	3750	Numbers	170.00
146	Gasket	Gasket of different sizes	2000	Numbers	180.00
147	Supply of Gate Valves	Various diamemters	10	Numbers	175.00
148	Supply of Seamless Pipes	PIPE SMLS A106B / GI IS1239 HVY	4500	M	1,471
149	Supply of SS 316L plates	S316L	100	MT	255.00
150	UNIONS SS316 DBL FERRULE	SS316 DBL FERRULE, various diameters	750	Numbers	450
151	TEES SS316 DBL FERRUL	SS316 DBL FERRUL, Various OD	10	Set	1424
152	MALE & FEMALE CONNECTO SS316 D/F	SS316 D/F various diameters	40	Set	170
153	ADAPTORS SS316,	SS316, various diameters	5	Set	632
154	Aluminium Works	As per scope of work	Lumpsum	set	164
155	AMC for Fax Machine	As per scope of work	Lumpsum	set	4
156	AMC for Fire extinguisher	As per scope of work	Lumpsum	set	57
157	AMC FOR MAINTENANCE WEIGHING SYSTEM AND A	As per scope of work	Lumpsum	set	15
158	AMC for Operation & Maintenance of raw water at	As per scope of work	Lumpsum	set	78
159	AMC for Painting, Lettering, Fabrication of boards, S	As per scope of work	Lumpsum	set	24
160	AMC for repairing, servicing and calibration of MSA	As per scope of work	Lumpsum	set	18
161	AMC for rigging services for operation of gully sucke	As per scope of work	Lumpsum	set	74
162	AMC FOR SAP SOFTWARE SUPPORT	As per scope of work	Lumpsum	set	911
163	AMC of PCS, Printers & Network Equipments	As per scope of work	Lumpsum	set	5
164	AMC support service for Haverly Crude Assay Mana	As per scope of work	Lumpsum	set	26
165	AMSC for 2X50MT Weighbridge at white oil Depot i	As per scope of work	Lumpsum	set	12
166	APPOINTMENT OF MUTUALLY ACCEPTED SURVEYIN	As per scope of work	Lumpsum	set	13
167	ARC FOR CONSTRUCTION OF NEW R.O	As per scope of work	Lumpsum	set	835
168	ARC FOR MAINTENANCE /REVAMPING WORK	As per scope of work	Lumpsum	set	96
169	ARC FOR PREPARATION OF DRAWINGS PERTAINING	As per scope of work	Lumpsum	set	15
170	ARC for Quantities verification / site measurement's	As per scope of work	Lumpsum	set	14
171	ARC for supply of skilled safety supervisor	As per scope of work	Lumpsum	set	17
172	Arrangements of AGM and related events	As per scope of work	Lumpsum	set	4
173	ASPHALTING OF DAMAGED ROAD	As per scope of work	Lumpsum	set	318
174	Book Binding Services	As per scope of work	Lumpsum	set	15
175	Calibration Jobs	As per scope of work	Lumpsum	set	16
176	CARRYING OUT CATALYST SIEVING	As per scope of work	Lumpsum	set	13
177	Carrying out FOR MAINTENANCE	As per scope of work	Lumpsum	set	236
178	Carrying out Mechanical Maintenance Jobs during s	As per scope of work	Lumpsum	set	2186
179	CHA FOR IMPORT,EXPORT,CM, TRAS,SEZ	As per scope of work	Lumpsum	set	64
180	Chemical Preparation / Handling and Upkeep	As per scope of work	Lumpsum	set	306
181	CIVIL JOBS including modification and others	As per scope of work	Lumpsum	set	808
182	Construction of additional accommodation & Infras	As per scope of work	Lumpsum	set	1918
183	Construction of Building	As per scope of work	Lumpsum	set	454
184	Construction of Structural and Roof sheeting works	As per scope of work	Lumpsum	set	107
185	Consultancy Services for Preparation of DFR and BE	As per scope of work	Lumpsum	set	55
186	Contract chemical engineers deployment on Man D	As per scope of work	Lumpsum	set	27
187	CONVERSION OF HRSG-1 & HRSG-2 TO GAS FIRING	As per scope of work	Lumpsum	set	645
188	Co-Processing Jobs	As per scope of work	Lumpsum	set	403
189	CUSTOM CLEARANCE SERVICE FOR ALL IMPORTED C	As per scope of work	Lumpsum	set	96
190	Deputation of service engineer	As per scope of work	Lumpsum	set	306
191	DE-SILTING OF MAIN DRAIN	As per scope of work	Lumpsum	set	31
192	Drafting services	As per scope of work	Lumpsum	set	19
193	Dri Ice cleaning / Cleaning of trains, crude oils stora	As per scope of work	Lumpsum	set	508
194	Dsiposal Activities	As per scope of work	Lumpsum	set	46

195	Email Service Support	As per scope of work	Lumpsum	set	44
196	Engagement of Consultant	As per scope of work	Lumpsum	set	15
197	Environmental Impact Assessment (EIA) Study	As per scope of work	Lumpsum	set	183
198	EXCESSIVE OIL REMOVAL	As per scope of work	Lumpsum	set	88
199	EXTERNAL and INTERNAL PAINTING WORK	As per scope of work	Lumpsum	set	222
200	facilities during official function Service	As per scope of work	Lumpsum	set	12
201	Freight charges for transporting	As per scope of work	Lumpsum	set	6
202	FSMA Contract	As per scope of work	Lumpsum	set	22
203	FSMA for photocopy machine	As per scope of work	Lumpsum	set	5
204	Garden Maintenance and development jobs	As per scope of work	Lumpsum	set	315
205	HANDLING AGENT FOR MOVEMENT OF SULPHUR B	As per scope of work	Lumpsum	set	347
206	Hiring Forklifts, crains, trailer etc	As per scope of work	Lumpsum	set	925
207	Hiring Manpower for various civil jobs	As per scope of work	Lumpsum	set	169
208	Hiring of Air Conditioned Shamiyana type Offices	As per scope of work	Lumpsum	set	10
209	Hiring of cars on call basis	As per scope of work	Lumpsum	set	13
210	HIRING OF COVERED WAREHOUSING	As per scope of work	Lumpsum	set	126
211	Hiring of Engg Services Provider on Manhour/ Manc	As per scope of work	Lumpsum	set	282
212	Hiring of Internal Audit Support Services	As per scope of work	Lumpsum	set	46
213	Hiring of Projcts Manpower	As per scope of work	Lumpsum	set	309
214	Hiring of Vehicle Services (Bus & Other Vehicle)	As per scope of work	Lumpsum	set	722
215	Hiring of Vehicles	As per scope of work	Lumpsum	set	840
216	Hiring Projectors, Engineers, Skilled Man power for	As per scope of work	Lumpsum	set	127
217	HOUSEKEEPING AND JANITORIALS SERVICES	As per scope of work	Lumpsum	set	1217
218	Housekeeping and office management services	As per scope of work	Lumpsum	set	79
219	Houskeeping	As per scope of work	Lumpsum	set	21
220	IBR HOT WORKS	As per scope of work	Lumpsum	set	1297
221	Implementation and Support of Data Analytics Softv	As per scope of work	Lumpsum	set	19
222	Inspection of various equipment jobs	As per scope of work	Lumpsum	set	523
223	INTERNAL AND EXTERNAL painting jobs (piping, equ	As per scope of work	Lumpsum	set	2075
224	INTERNET LEASED LINE	As per scope of work	Lumpsum	set	36
225	ISO JOBS	As per scope of work	Lumpsum	set	29
226	JWS for Binding books	As per scope of work	Lumpsum	set	10
227	Loading and unloading jobs	As per scope of work	Lumpsum	set	647
228	Mainetnance & Servicing of equipment	As per scope of work	Lumpsum	set	955
229	Services to Maintenance of equipments	As per scope of work	Lumpsum	set	248
230	Maintenance/Servicing/Overhauling of equipment's	As per scope of work	Lumpsum	set	2384
231	Man Power for various jobs including engineers, sup	As per scope of work	Lumpsum	set	218
232	MATERIALS HANDLING CONTRACT	As per scope of work	Lumpsum	set	344
233	Mechanical Operational & Maintenance job	As per scope of work	Lumpsum	set	1322
234	Metal Beam Crash Barrier Erection Work	As per scope of work	Lumpsum	set	131
235	Metallurgical failure analysis jobs	As per scope of work	Lumpsum	set	40
236	MRPL Subscription with Argus Asia Pascific Products	As per scope of work	Lumpsum	set	150
237	Natural gas distribution modification services	As per scope of work	Lumpsum	set	290
238	Office Assistant Services	As per scope of work	Lumpsum	set	323
239	Office Housekeeping & Janitorial Services	As per scope of work	Lumpsum	set	109
240	Office management services	As per scope of work	Lumpsum	set	17
241	OPERATION AND MAINTENANCE (O&M) SERVICES	As per scope of work	Lumpsum	set	2904
242	OPERATION AND MAINTENANCE OF TREATED EFFLU	As per scope of work	Lumpsum	set	40
243	Other Electrical Services	As per scope of work	Lumpsum	set	522
244	Other Instrumentation Related Services	As per scope of work	Lumpsum	set	612
245	Other IS related activities	As per scope of work	Lumpsum	set	143
246	Other Ispection related jobs	As per scope of work	Lumpsum	set	299
247	Other Mechanical Maintenance, operational & shut	As per scope of work	Lumpsum	set	978
248	Other Services	As per scope of work	Lumpsum	set	543
249	Other Tech service environmental jobs	As per scope of work	Lumpsum	set	112
250	Overhauling, Testing & inter repair jobs	As per scope of work	Lumpsum	set	1568
251	PCC BELOW PIPE RACK AND DRAIN CONSTRUCTION	As per scope of work	Lumpsum	set	617
252	Pest Control & Rodent Control AMC service	As per scope of work	Lumpsum	set	5
253	PHOTOCOPIER/SCANNER AMC Service	As per scope of work	Lumpsum	set	5
254	Pipeline works	As per scope of work	Lumpsum	set	185
255	PLT SURVEY TO OMC/IMC	As per scope of work	Lumpsum	set	10
256	PMC for renovation	As per scope of work	Lumpsum	set	3
257	PMC Services	As per scope of work	Lumpsum	set	450
258	PMC Services for PFCC Flue Gas Wet Gas Scrubber S	As per scope of work	Lumpsum	set	542
259	PREPARATION OF DRAWINGS	As per scope of work	Lumpsum	set	5

260	PRICING INFORMATION ON CRUDE AND PRODUCTS	As per scope of work	Lumpsum	set	30
261	Providing additional manpower	As per scope of work	Lumpsum	set	18
262	Providing Digital Video recording Services	As per scope of work	Lumpsum	set	5
263	PROVIDING E PROCUREMENT PLATFORM	As per scope of work	Lumpsum	set	78
264	Providing Engaging Expert Services	As per scope of work	Lumpsum	set	372
265	Providing Manpower Services	As per scope of work	Lumpsum	set	65
266	PROVIDING SECURITY management services	As per scope of work	Lumpsum	set	29
267	Providing services for handling of crude vessels	As per scope of work	Lumpsum	set	81
268	PROVIDING WHEEL LOADER, TIPPER AND EXCAVAT	As per scope of work	Lumpsum	set	134
269	R&D related & other lab jobs	As per scope of work	Lumpsum	set	373
270	RCC FLOORING and construction works	As per scope of work	Lumpsum	set	209
271	REFURBISHMENT OF DRY GAS SEALS and others	As per scope of work	Lumpsum	set	355
272	Repair Related	As per scope of work	Lumpsum	set	17
273	REPAIR, REPLACEMENT, removal and reconditioning	As per scope of work	Lumpsum	set	1660
274	Restoration OF STRUCTURAL AND OTHER JOBS	As per scope of work	Lumpsum	set	944
275	RESTORATION OF STRUCTURAL OF INTER-CONNECT	As per scope of work	Lumpsum	set	128
276	RETAIL VISUAL IDENTIFICATION (RVI) WORKS	As per scope of work	Lumpsum	set	127
277	Rewinding/Repair Service	As per scope of work	Lumpsum	set	149
278	ROAD TRANSPORTATION SERVICE	As per scope of work	Lumpsum	set	6418
279	Robotic Cleaning / De-blocking of OWS pits and con	As per scope of work	Lumpsum	set	8
280	Round the clock Operation of Bridge Crane	As per scope of work	Lumpsum	set	105
281	Scaffolding Erection and Dismantling jobs	As per scope of work	Lumpsum	set	392
282	Scanning of documents	As per scope of work	Lumpsum	set	4
283	Security Services	As per scope of work	Lumpsum	set	1959
284	Service for providing qualified legal professional	As per scope of work	Lumpsum	set	4
285	SERVICES FOR CONDUCTING RISK ASSESSMENT STU	As per scope of work	Lumpsum	set	5
286	Services for EODC	As per scope of work	Lumpsum	set	6
287	Services for Operations Section	As per scope of work	Lumpsum	set	1936
288	Servicing and Maintenance of vehicles	As per scope of work	Lumpsum	set	10
289	Shifting Service	As per scope of work	Lumpsum	set	8
290	Slope stabilization work at MRPL Refinery site.	As per scope of work	Lumpsum	set	1060
291	Spent Catalyst sampling and Weighment of drums.	As per scope of work	Lumpsum	set	11
292	Subscription of Thomosn Reuters	As per scope of work	Lumpsum	set	12
293	SUPPLEMENTARY RESOURCES REQUIREMENTS FOR	As per scope of work	Lumpsum	set	1699
294	Supply and Execution of Hot Insulation jobs	As per scope of work	Lumpsum	set	508
295	supply of corn cob to M/s. Ankur Gasifier, Baroda fo	As per scope of work	Lumpsum	set	11
296	Supply of scaffolding & safety supervisors	As per scope of work	Lumpsum	set	89
297	Supply of spare parts, quarterly services and emerg	As per scope of work	Lumpsum	set	12
298	Supplying & Placing of Crusher Dust Bag	As per scope of work	Lumpsum	set	91
299	Support and license Related services	As per scope of work	Lumpsum	set	119
300	SURVEY OF SULPHUR EXPORT AT NMPT	As per scope of work	Lumpsum	set	12
301	SURVEYING BULK SOLID SULPHUR AND PETCOKE DI	As per scope of work	Lumpsum	set	13
302	TARPAULIN SUPPLY AND TYPING FOR PETCOKE WA	As per scope of work	Lumpsum	set	4
303	Technical Support for MBR System	As per scope of work	Lumpsum	set	32
304	To Shift Sludge and Solid material	As per scope of work	Lumpsum	set	26
305	Transportation of Household items and Car	As per scope of work	Lumpsum	set	5
306	Transportation Service	As per scope of work	Lumpsum	set	6
307	UMS Service	As per scope of work	Lumpsum	set	17
308	Up keeping of Plant Unit	As per scope of work	Lumpsum	set	426
309	Upkeeping jobs	As per scope of work	Lumpsum	set	224
310	Up-keeping Jobs	As per scope of work	Lumpsum	set	384
311	Various civil jobs in inside and outside Refinery, tow	As per scope of work	Lumpsum	set	689
312	Various Servicing and Calibration jobs	As per scope of work	Lumpsum	set	138
313	White oil transportation services	As per scope of work	Lumpsum	set	1150
314	CRMB procurement and Operation of plant	As per scope of work	Lumpsum	set	542
315	supply of ppu antioxidant	As per scope of work	Lumpsum	set	627
316	Repair job of tank foam, cooling & other fire wa	As per scope of work	Lumpsum	set	77.74
317	Pipeline Hydrotesting, Flange Spading and Desp	As per scope of work	Lumpsum	set	86.75
318	Synthetic Lube Oil As per Specification.	As per scope of work	Lumpsum	set	24.94
319	ARC for supply of chemicals and operations at Cooli	As per scope of work	Lumpsum	set	750
320	MATERIALS HANDLING CONTRACT	As per scope of work	Lumpsum	set	334
321	SUPPLY OF SODIUM CHLORITE IN TANKERS.	As per scope of work	Lumpsum	set	296
322	COOLING WATER TREATMENT PROGRAM AT PH#1	As per scope of work	Lumpsum	set	115
323	MeroxATF Clay Filter for CDU 1		128	M3	50.16
324	Kero Merox Activated Char Coal Bed for CDU 1 / 2 & 3		88	M3	23.2

325	PENEX Offgas drier		16.4	M3	400
326	Hydroteating catalyst		281.3	M3	3144
				Total	**978 Crores**