

Name of the Organization: GAIL (India) Limited					
Website Link: www.gailonline.com					
Ministry / Department: Ministry of Petroleum and Natural Gas					
Financial Year: 2020-21					
Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Units (Nos. / Kilo-Meters / Tonne...)	Estimated value of Procurement INR (Lacs)
1	Aminosol		228	Litres	465.00
2	Ball valves ( Various sizes)		5	EA	532.00
3	150KVA Servo Transformer		1	EA	6.64
4	33 kv grid power connection		13	EA	313.00
5	4" line Launcher/Receiver		1	EA	30.00
6	40 KVA UPS		1	EA	14.04
7	A644 card for TJ1610 Tejas SDH Equipment		1	EA	1.00
8	Activated Alumina (MT)		10	MT	0.00
9	Activated Carbon (MT)		100	MT	200.00
10	Activated Charcoal (MT)		90	MT	106.00
11	Actuator procurement		14	EA	50.00
12	Addressible fire detection system		1	Lumpsum	54.00
13	AFFF		2500 Ltrs	Litres	5.00
14	Air Conditioner for Kandla base & water cooler		21	EA	16.00
15	Air Filter for GTC & GEG Ventilation		1464	Lumpsum	80.00
16	ALL TYPES & SIZES OF PROCESS VALVES (HAND,		30	EA	20.00
17	Alum (MT)		100	MT	10.00
18	ANTISURGE CONTROLLER FOR GTC AND		3	EA	130.00
19	Any other Misc Item		10	EA	10.00
20	ARC of calibration gases for AKM Lab		1	Lumpsum	1.00
21	Atmospheric pressure Storage Tanks		1	EA	350.00
22	Automatic External Defibrilaor		2	EA	4.50
23	Basket filter & spares			Set	70.00
24	Batteries (Battery Bank & Charger)		707	EA	453.00
25	Bench Drill Machine		1	EA	0.60
26	Biffi Actuator Spares		32	SET	251.00
27	Breathing Appartus		7	SET	15.00
28	BUS DUCT OF DISTRIBUTION TRANSFORMER		1	EA	5.00
29	CCTV System & Camera		16	SET	226.00
30	Cement Slab (Pipeline Protection slab)		100	EA	40.00
31	Chemicals and consumables		1	Liters	2.00
32	Civil & Structural items (Steel, Cement, Sand Etc)		LS	Lumpsum	50.00
33	Coating Material		4	Liters	11.00
34	Consumables for Telecom Systems		Lot	LOT	5.00
35	Consumables like catridges of printer,IT		Lumpsum	Lumpsum	3.00
36	Contactors		30	EA	7.50
37	Contactors & Relays			EA	1.00
38	Control valves		75	EA	115.00
39	Controller for DEG		2	EA	4.00
40	conversion of Actuator Valve into Remote		4	Lumpsum	104.00

41	CSCADA Hardware & Software:	For Three locations	Lumpsum	100.00
42	DC -DC Converter	10	EA	4.00
43	DEG-1350 KVA-spares	5	SET	1.00
44	DG SET	1	EA	3.00
45	Diesel (KL)	84	KL	500.00
46	DRAYER MOV OF PH1 and PH2	8	EA	0.00
47	Dry Chemical Powder	1000 Kgs	KG	0.00
48	ELECTRICAL	6023	EA	123.00
49	Electrical Measuring Instruments		EA	50.00
50	Energy efficient lightings (LED)	2500	EA	200.00
51	Energy Efficient Motor	11	EA	26.00
52	Energy Management system	1	Lumpsum	25.00
53	Ethyl Mercaptan (MT)	20	MT	100.00
54	EXPANDER COMPRESSOR SPARES	1	Set	1200.00
55	F&S Spares and Equipments	20	Set	10.00
56	FCBC	3	EA	20.00
57	FEED GAS SLAM SHUT OFF VALVE	1	EA	80.00
58	Field Instruments	250	EA	255.00
59	Filter element of Dry gas filter and Filter separator	200	EA	12.00
60	Filter Elements	8	EA	38.00
61	Filter equipment for Natural gas service	2	EA	120.00
62	Filter Separator Elements for DVPL-2	188	EA	0.18
63	Filters	4	EA	50.00
64	Fire & Safety System Spares	3	SET	212.00
65	Fire Branches	Various Type	EA	6.00
66	Fire Delivery Hose	80	EA	6.00
67	Fire detection & alarm system	1	Lumpsum	74.00
68	Fire Extinguishers of various Capacity	160	EA	18.00
69	Fire Monitors	6 Nos	EA	10.00
70	Fire Tender	1	Lumpsum	150.00
71	Fire Water Tank for FW revamping project	1	Lumpsum	358.00
72	Flame LED proof Light	1000	EA	50.00
73	Flame Proof light & Fittings for SV & IP	11	EA	20.00
74	Flange spreader	1	EA	2.50
75	Flanges & Fittings	62	SET	49.00
76	Flow Computer	23	EA	280.00
77	Flow computer Spares	3	EA	85.00
78	FLP/LED Lighting System	40	Lumpsum	4.00
79	Foam Trolley	8 nos	EA	16.00
80	Forklift of 3TON for Jhabua	1	EA	15.00
81	Fuses	150	EA	0.50
82	Gas Chromatograph	2	EA	110.00
83	Gas Detection System -New system Procurement	53	Lumpsum	232.00
84	Gas Engine Generator (GEG) Inst. Spares	4	Set	22.00
85	Gas flooding system-Refilling	1	Lumpsum	20.00
86	Gas Turbine Compressor (GTC) Inst. Spares	11	set	240.00
87	GASKET	2 lot	lot	1.00
88	GC spares and Calibration Gas	1	lot	52.00

89	GPU DCS OBSOLETE FRONT-END UPGRADATION	1	Lumpsum	100.00
90	GTC KC5 Instrumentation spares	3	set	15.00
91	H2O/H2S Annalyser Maintenance & Spares	2	set	7.00
92	HCl (MT)	1500	MT	20.00
93	HEAT EXCHANGERS	2	EA	30.00
94	Heater and thermostat for Train GG Lube oil	3	EA	16.00
95	Helium Gas cylinders	150	EA	30.00
96	High Mast Light	4	EA	14.00
97	Hot tapping work (Material-Composite work	LS	Lumpsum	500.00
98	HPU spares	7	SET	30.00
99	HRSR DCS OBSOLETE FRONTEND UPGRADATION	6	Lumpsum	70.00
100	HT Breakers	25	EA	225.00
101	HT Transformer	1	EA	0.00
102	HVAC	8	EA	137.00
103	Hydraulic pump for AV valve operation	1	EA	1.50
104	Hydrazine (MT)	4	MT	20.00
105	Installation of Solar System	15	Lumpsum	180.00
106	Instrument equipments	10	SET	40.00
107	Insurance Pipes	1	Meters	25.00
108	intrinsically safe smart phone for O&M	2	EA	4.00
109	Intrinsically Safety Lamps & Torches	25 Nos Each	EA	8.00
110	Ion Exchange Resins (MT)	10	MT	400.00
111	Isolation LPG Valves for Mainline pump KSPL1 and	4	EA	20.00
112	KB5 Engine Spare	25	SET	30.00
113	KC5 Engine Spare	15	SET	8.00
114	KF titrator to measure moisture content in pig	1	Lumpsum	7.00
115	LA Installation For SV & IP	11	Lumpsum	25.00
116	Led lights	401	EA	6.00
117	LEL System	257	Lumpsum	388.00
118	Level Tx	2	EA	1.20
119	Lighting Consumables including Ex-d outdoor	27	EA	125.00
120	line pipe ( various sizes)	615 Kms	Kms	94643.00
121	Liq N2 (MT)	600	MT	150.00
122	Long Range Water Monitor	2	EA	6.00
123	LPG Pump rotor	2	EA	55.00
124	Motors	36	EA	640.00
125	Lube oils	11	KL	6.00
126	Mass Flow Meter	6	EA	98.00
127	Master Equipments: Dead weight tester,	30	SET	50.00
128	MCC feeder	200	EA	125.00
129	Measuring Instruments	13	EA	8.00
130	Mechanical Piping Items & works- M/L-HP	LS	SET	470.00
131	Mechanical Seal	6	EA	104.00
132	Metallic Gasket	75	EA	5.00
133	Metering skid	28	EA	1144.00
134	Methanol ( MT)	50	MT	14.00
135	Miscellaneous Items (Multimeters, Converter,	20	SET	315.00
136	Miscellaneous Instruments Field & Panel	25	SET	50.00
137	Miscellaneous PIG	5	EA	10.00
138	Morpholine (MT)	9	MT	30.00

139	Bearings	102	EA	9.00
140	procurement for Mass Flow Meters at IPS	1	EA	15.00
141	NaOH (100%) (MT)	150	MT	60.00
142	NEW PCV/SDV	20	EA	0.00
143	New Solar Power system at Various	7	Lumpsum	16.50
144	Nitrogen Plant spares	12	SET	8.00
145	Non-sparking tools (SET)	3	SET	9.00
146	NP Engine Spare	5	SET	5.00
147	NUMERICAL RELAY INSTALLATION	94	Lumpsum	100.00
148	O&M Spares for Gas Engine Generator (GEG)	8	SET	13.50
149	OEM DB LPG Pump Spares	1	SET	0.00
150	OEM Jockey/FW pump Spares set	1	SET	3.00
151	OFC	2	kMS	30.00
152	Online Continuous Emissioning Monitoring	24	Lumpsum	1400.00
153	Online Smart Inverters	12	EA	3.00
154	outdoor display,PA system for conference room	2	EA	15.00
155	OVERHAUL OF TURBINE & ENGINE	1	Lumpsum	3170.00
156	PC	1	EA	11.00
157	PCV & FCV replacement at RT Sanganer		Lumpsum	100.00
158	PIDS equipment	1	EA	150.00
159	Pipeline Intrusion Detection System	One Set	Lumpsum	200.00
160	Piping & Pipe Fittings	59	SET	388.00
161	PLC System	5	Lumpsum	775.00
162	Pneumatic Torque wrench for Meter Prover	1	EA	30.00
163	Pneumatic Valves for Co2 / Argonite Flooding	30 nos	Lumpsum	12.00
164	Poly Aluminum Chloride (PAC) (MT)	10	MT	50.00
165	Portable Air Compressor Lubricated	1	EA	0.25
166	Portable Dew point Analyzer for measurement of	1	EA	61.00
167	Power Supplies	6	EA	6.00
168	PPEs	Various Type	EA	8.00
169	Pressure Regulator Valves Spares -M/s Pietro	57	EA	101.00
170	Pressure/Diff. Pressure/ Temperature	44	EA	14.00
171	Printers & cartridges	32	EA	3.00
172	Process equipment Pressure Vessels	3	EA	510.00
173	Procurements Spares for Various Packages (IA,	20	set	2.00
174	Procurment of Bently Nevada Vibration	5	set	10.00
175	Procurments of Instrumentation Fittings	200	set	4.00
176	PRS Spares	25	set	30.00
177	PSV calibration & Spares	33	set	2.00
178	PSV'S	50	EA	20.00
179	Pumps	7	EA	185.00
180	PURCHASE OF VARIOUS PUMPS SPARES	1	SET	100.00
181	Quality Analyser at DT RIL SEZ Line	3	EA	250.00
182	Radiator for 1475KVA DEG	1	EA	30.00
183	Raditor for DEG	1	EA	2.00
184	RB-211 DLE spares	25	SET	160.00
185	Reciprocating compressor	1	Lumpsum	0.00
186	Refilling of argonite Cylinders	35 nos	EA	5.00
187	Refilling of Co2 Cylinders	144 nos	EA	6.00
188	REFURBISHMENT OF ROTOR of LPG opump	1	Lumpsum	64.84

189	Relays	30	EA	5.50
190	Replacement of CO2 Flooding system for the	3	Lumpsum	30.00
191	Replacement of Control Room Floor Tiles	1	Lumpsum	10.00
192	REPLACEMENT OF DISPLACER TYPE LEVEL	18	Lumpsum	18.00
193	Replacement of HMI for terminals	4	Lumpsum	20.00
194	Replacement of Old Ductable AC with Inverter	1	Lumpsum	0.00
195	Roof top solar energy plant	13	Lumpsum	280.00
196	ROVs for Sprinkler System for FW revamping	11	EA	59.00
197	RPD meter	9	EA	25.00
198	RT62 Power Turbine Major Spares	51	SET	3100.00
199	RTD PT100 4 wire	10	METERS	2.00
200	RTUs for Dukli tap off & Maharajanjanj trml	2	EA	30.00
201	Safety Kits & Leveries	25 nos	SET	3.00
202	Safety Ladders Procurement	5	EA	8.00
203	SCADA System	1	Lumpsum	40.00
204	Scrubber for Natural gas service	2	EA	110.00
205	SDH replacement along all DUPL stations under	1	Lumpsum	300.00
206	Sealants	4	EA	26.00
207	Smoke Detection System for SV& IP		Lumpsum	30.00
208	SMPS	2	Lumpsum	1.20
209	Sodium Chlorite (MT)	800	MT	800.00
210	Sodium Hypochlorite (MT)	240	MT	25.00
211	Solar Plant for terminals	23	Lumpsum	1437.00
212	Solar Roof top	8	Lumpsum	135.00
213	Solar System	3	Lumpsum	40.00
214	Spares - Pipeline,Electrical & Mechanical	1	SET	65.00
215	Spares & consumables for ICP- OES SYSTEM	1	SET	10.00
216	Spares (CP/Electrical)	*	SET	30.00
217	Spares (F&S)	*	SET	5.00
218	Spares (GAILTEL)	*	SET	10.00
219	Spares (Instrumentation/Metering)	*	SET	135.00
220	Spares (Pipeline/Mechanical)	*	SET	45.00
221	Spares for BASKET FILTERS	4	SET	2.00
222	Spares for Co2 System.	15	SET	12.00
223	Spares for DEG SET	1	SET	1.50
224	Spares for Det-tronics make LEL gas detection	1 Lot	SET	50.00
225	Spares for Equipments like DG set, fire engines, pumps, etc.	Lumpsum	SET	5.00
226	Spares for Feed gas filter elements and seals	Lumpsum	SET	30.00
227	Spares for Fisher make Fuel gas PCVs for GTG	1 Lot	SET	40.00
228	Spares for flowmeters		SET	60.00
229	Spares for FW ENGINE	1	SET	3.00
230	Spares for FW Pumps & Eninges	12	SET	1.00
231	Spares for Gas Chromatograph	8	SET	65.00
232	Spares for Instt. Air Compressor & IA Dryer	30	SET	5.00
233	Spares for Jockey pump	1	SET	2.00
234	SPARES FOR LPG PUMPS MAIN LINE KSPL1 & 2	1	SET	5.00
235	Spares for Main fire water pump	1	SET	2.00
236	Spares for Major Maint of Gas Engine Generator	37		45.00
237	Spares for Raw water pump	1		2.00

238	Spares for Rockwell PLC	1 Lot	lot	20.00
239	Spares for Telecom/SCADA/IT Systems		SET	5.00
240	Spares for Turbocharger Overhauling	18	SET	52.00
241	Spares for valves, and pipe fittings.		SET	20.00
242	Spares of gaskets		SET	10.00
243	Spares of pipe leak repair clamps and sleeves		SET	20.00
244	Spares parts of various Electrical equipment's	20	SET	20.00
245	Spares procurement for Inst		SET	5.00
246	Split sleeves (CS) (30")	5	EA	14.00
247	SS Tube & Fittings - Set	1	SET	10.00
248	Sulphuric Acid (MT)	100	MT	10.00
249	SW gaskets of different sizes and pressure class	300	EA	5.50
250	Synthetic Oil (Mobil Jet)	3000	Litres	22.50
251	Telecom Equipment including:	17	EA	27.00
252	Test & Measuring Instru.	2	EA	1.30
253	TFM Spares & Calibration	6	Lumpsum	8.00
254	Tools	1	EA	5.00
255	Tools & tackles	5	EA	10.00
256	tools and tackels for Mechanical department	100	EA	3.00
257	Torque Wrench	1	EA	7.00
258	Tower AC for Conference room		EA	1.00
259	TR UNIT	5	EA	906.00
260	Transformer (10/12.5MVA)	2	EA	30.00
261	TSP (MT)	6	MT	5.00
262	Turbine Flow meter & its spares	10	EA	26.00
263	Ultrasonic Flow meter		EA	12.00
264	upgradation of Regional SCADA System (Hardware	2	Lumpsum	37.00
265	Upgradation of Tejas SDH Equipment from STM16	5	Lumpsum	40.00
266	UPS	4	EA	144.00
267	USM Upgradation		Lumpsum	110.00
268	Valves	80	EA	219.00
269	Various Electrical Consumables	50	EA	35.00
270	VARIOUS TYPES OF CLEANING PIGS	12	EA	5.00
271	VCB(Vaccuum Circuit Breaker)		EA	60.00
272	Vibration monitoring system upgradation	3	Lumpsum	175.00
273	VSD FOR PUMP	1	EA	26.40
274	Web Cam	8	EA	2.00
275	WinCC SCADA station	1	Lumpsum	21.00
276	Workstation for DCS System	1	Lumpsum	45.00
277	XA card for TJ1410 Tejas SDH Equipment	2	EA	3.00

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Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Units (Nos. / Kilo-Meters / Tonne...)	Estimated value of Procurement INR (Lacs)
1	Aminosol		228	Litres	465.00
2	Ball valves ( Various sizes)		240 no.	EA	6918.00
3	1.35 MW DEG		1	EA	450.00
4	33 kv grid power connection		1	EA	5.00
5	Forklift spares for Jhabua		28	EA	3.00
6	A 32 Excitation Controller (AVR) of 2.7 MW		1	EA	40.00
7	ACB(AIR CIRCUIT BREAKR		41	EA	110.00
8	Activated Alumina (MT)		0	MT	50.00
9	Activated Charcoal (MT)		90	MT	105.99
10	Actuator procurement		7	EA	84.00
11	Actuator valves		2	EA	100.00
12	Air Conditioner for Kandla base & water cooler		53	EA	34.00
13	Air Filter for GTC & GEG Ventilation		1388	Lumpsum	104.00
14	Alum (MT)		100	MT	10.00
15	AMINE PUMP & SPARES		2	EA	2000.00
16	Analysers		1	EA	50.00
17	ANTISURGE CONTROLLER FOR GTC AND		1	EA	50.00
18	Any other Misc Item		10	EA	10.00
19	APFC cpacitors		20	EA	1.00
20	ARC of calibration gases for AKM Lab		2	Lumpsum	3.00
21	Armature & field wgdg Exciter 2000 DEG		1	EA	5.00
22	ASB PANELS OF SS-2 and 4			EA	20.00
23	Assorted Pipes		2 Lots	Meters	2373.00
24	Atmospheric pressure Storage Tanks		2	EA	1100.00
25	AVR for 2000 KVA DEG		1	EA	1.50
26	BA Sets and Cylinders		2	Set	25.00
27	Basket filter & spares		4	Set	50.00
28	Batteries (Battery Bank & Charger)		51	EA	390.00
29	Biffi Actuator Spares		9	SET	79.00
30	BLEED VALVE OVERHAULING		24	Lumpsum	15.00
31	BUS DUCT OF DISTRIBUTION TRANSFORMER		2	EA	10.00
32	Carbon Molecular Seives (CMS) (MT)		6	EA	60.00
33	CCTV System & Camera		6	SET	111.00
34	Ceramic Balls -LPG (MT)		24	MT	10.05
35	Charger (DC - DC convertors )		5	EA	15.00
36	Chemicals and consumables		1	Liters	2.00
37	Clock Spring		5	EA	30.00
38	Coating Material		5	Liters	30.00
39	Cold Cutting machine		1	EA	5.00
40	Consumables for Telecom Systems		Lot	LOT	5.00
41	Consumables like catridges of printer,IT		Lumpsum	Lumpsum	3.00
42	Contactors		30	EA	7.88
43	Control Cards for VSD Siemens		1	EA	5.00
44	Control system Spares		5	SET	15.00

45	Control valves	74	EA	250.00
46	Cradel of LPG Pump	1	EA	14.00
47	Cryogenic Pump (No.)	1	EA	180.00
48	CT-3 FILLPACK	4	EA	250.00
49	DCS systems Hardware/Software	1	Lumpsum	400.00
50	DEG-1350 KVA-spares	11	SET	11.00
51	Diesel (KL)	84	KL	52.92
52	DIESEL ENGINE SPARES	1	Set	50.00
53	Diode with Supressors for 2000 DEG	1	EA	2.00
54	DM Column Trays (No.)	1	EA	104.00
55	DP Transmitter	10	EA	5.00
56	DR compressor spares	5	SET	5.00
57	DRAVER MOV OF PH1 and PH2		EA	45.00
58	ELECTRICAL	5531	EA	32773.00
59	Electrical Measuring Instruments	30	EA	65.00
60	Electrical Safety Devices ( Mats )	200	EA	2.00
61	ENERGY EFFICIENT FIXTURE	50	Lumpsum	1.00
62	Energy Efficient Motor	11	EA	26.00
63	EPABX	1	Lumpsum	30.00
64	ER Probe data loggers	20	EA	70.00
65	Ethyl Mercaptan (MT)	20	MT	110.00
66	F&S Spares and Equipments	20	Set	10.00
67	FCBC	19	EA	93.00
68	Field Instruments	355	EA	350.00
69	Filter Separator Elements for GREP	128	EA	5.76
70	Filter Separator Elements for HVJ	168	EA	13.12
71	Fire & Safety System Spares		SET	62.00
72	Fire Extinguishers of various Capacity	50	EA	5.00
73	Fire Promixy Suits	5 Nos	EA	10.00
74	Flame LED proof Light	6000	EA	300.00
75	Flanges & Fittings	3 lots	SET	1340.00
76	FLOAT CUM BOOST CHARGERS	4	EA	10.00
77	Flow Computer	95	EA	640.00
78	Flow computer Spares	5	EA	10.00
79	Flow tees	121	EA	1425.00
80	FLP/LED Lighting System	40	Lumpsum	6.00
81	Forklift of 3TON for Jhabua	1	EA	15.00
82	Fuses	150	EA	0.50
83	FW pump-spares	5	SET	5.00
84	Gas Chromatograph	2	EA	150.00
85	Gas Detection System -New system	15	Lumpsum	75.00
86	Gas Engine Generator (GEG) Inst. Spares	1	Set	40.00
87	Gas Turbine Compressor (GTC) Inst. Spares	2	set	61.00
88	GASKET	11	lot	5.00
89	GC spares and Calibration Gas	1	lot	65.00
90	GC upgradation (HVJ)	3	Lumpsum	150.00
91	GEG PLC OBSOLETE FRONTEND UPGRADATION	1	Lumpsum	25.00
92	GPU DCS OBSOLETE FRONT-END	50	Lumpsum	5.50
93	GTC KC5 Instrumentation spares	1 Lot	set	80.00
94	H2O/H2S Annalyser Maintenance & Spares	2	set	7.00
95	Hardwares		EA	10.00



96	HCI (MT)	1500	MT	20.00
97	HEAT EXCHANGERS	11	EA	2488.00
98	HEAT TRACER PANEL	4	EA	50.00
99	High bay LED lighting	500	EA	35.00
100	High Mast Light	2	EA	12.00
101	HMI Upgradation: Meter Prover	2	EA	60.00
102	HMI/ENGG CONSOLE	15	EA	20.00
103	HPU spares	5	SET	45.00
104	HT Breakers	75	EA	675.00
105	HT Tansformer	1	EA	50.00
106	HVAC	36	EA	112.00
107	Hydrazine (MT)	4	MT	20.00
108	Hyper gun compressor	1	EA	5.00
109	IA compressor spares	50	SET	10.00
110	Industrial UPS /Online UPS	1	EA	3.00
111	Instrument Air Compressor	1	Lumpsum	80.00
112	Instrument equipments	13	SET	26334.00
113	Insulating Joints (variousSize)	88	EA	501.00
114	IP Telephone Exchange	1	Lumpsum	20.00
115	Jockey Pump & Motor/ Raw Water	4	EA	7.50
116	KB5 Engine Spare	0	SET	20.00
117	KC5 Engine Spare	0	SET	50.00
118	Ladders (Telescopic, Self Support, Extendable	15	EA	10.00
119	Led lights	201	EA	3.00
120	LEL System	67	Lumpsum	357.00
121	Lighting Consumables including Ex-d outdoor	35	EA	32.00
122	Line pipe ( various sizes)	1333	Kms	145943.00
123	Liq N2 (MT)	600	MT	150.00
124	LNG Storage tank and evaparator system for	1	EA	300.00
125	LPG Pump rotor	26	EA	48.00
126	LPG Suits	5 Nos	EA	8.00
127	Motors	17	EA	765.00
128	Lube oil filters for all Mahcines	20	LITERS	30.00
129	Lube oils	11	KL	6.00
130	LV VFD	3	EA	50.00
131	Mainline Pump Overhauling spares	1	SET	100.00
132	Mainline Valve Procurement	6	EA	25.00
133	Mass Flow Meter	5	EA	172.00
134	Master Equipments: Dead weight tester,	3	SET	20.00
135	Material required for revamping of insulations	8	SET	700.00
136	MCC feeder	600	EA	375.00
137	Measuring Instruments	5	EA	5.00
138	Mechanical Seal	10	EA	489.00
139	Metering skid	39	EA	4386.00
140	Methanol ( MT)	50	MT	14.70
141	Miscellaneous Items (Multimeters, Converter,	26	SET	420.00
142	Miscellaneous Instruments Field & Panel	20	SET	25.00
143	Miscellaneous PIG	5	EA	10.00
144	Modular Kitchen in Township	14	Lumpsum	38.00
145	Moisture & H2S Analyzers	4	EA	311.00
146	Molecular Sieves- LPG (MT)	95	MT	160.81

147	Morpholine (MT)	9	MT	30.00
148	Bearings	105	EA	15.00
149	Motor operated valves	1	EA	5.00
150	MV VFD	2	EA	200.00
151	procurement for Mass Flow Meters at IPS	9	EA	87.00
152	NaOH (100%) (MT)	150	MT	60.00
153	Nayara Booster Pump Spares	1	SET	180.00
154	Neumerical relay	1	EA	25.00
155	New Gate construction of ADM building	1	Lumpsum	70.00
156	NEW GC	3	EA	150.00
157	New Propane Column (No.)	1	EA	265.00
158	New Propane Reflux Drum (No.)	1	EA	52.00
159	New PRS/Upgradation of Pressure	2	Lumpsum	50.00
160	NEW PSV	100	EA	200.00
161	Nitrogen Plant spares	1	SET	150.00
162	NP compressor spares	4	SET	4.00
163	O&M Spares for Gas Engine Generator (GEG)	15	SET	20.00
164	OEM DB LPG Pump Spares		SET	60.00
165	OEM Flowserve LPG Pump Mech Seal	1	SET	30.00
166	OEM KSB New LPG Pump Spare set	1	SET	0.00
167	OFC	2	kMS	210.00
168	OLTC OF TRANSFORMER 130A and 130B	2	Lumpsum	50.00
169	Online UPS, 5KVA for Malanpur Terminal	1	EA	5.00
170	OTDR & SPLICING MACHINE FOR OFC MAINT.	2	EA	
171	OVERHAUL OF TURBINE & ENGINE	3	Lumpsum	4500.00
172	PCV & FCV replacement at RT Sanganer	9	Lumpsum	272.00
173	Pigging & Material	14	LOT	319.00
174	Pipeline Intrusion Detection System		Lumpsum	350.00
175	Pipeline Locator	2	EA	20.00
176	Piping & Pipe Fittings	58	SET	20082.00
177	PLC System	24	Lumpsum	583.00
178	Poly Aluminum Chloride (PAC) (MT)	10	MT	50.00
179	Power Supplies	6	EA	3.00
180	Pressure Regulator Valves Spares -M/s Pietro	52	EA	13.00
181	Pressure/Diff. Pressure/ Temperature	15	EA	8.00
182	Printers & cartridges	32	EA	3.00
183	Process equipment Pressure Vessels	3	EA	1900.00
184	Procurement of Mineral Oils in Litres	7000	Liters	52.50
185	Procurment of Control valve and PSV's spares	10	set	5.00
186	Procurment of Fire and gas detector spares	6	set	6.00
187	Procurment of GEG spares	10	set	15.00
188	Procurment of Rockwell PLC spares	12	set	15.00
189	Procurment of Spare PSV for GAIL Cauvery	1LS	set	150.00
190	PRS Spares	30	set	35.00
191	PSV calibration & Spares	33	set	3.00
192	Pumps	3	EA	73.00
193	PURCHASE OF Spapers for Engines & Turbines	3	SET	800.00
194	PURCHASE OF VARIOUS FILTERS	1	EA	100.00
195	PURCHASE OF VARIOUS PUMPS SPARES	1	SET	200.00
196	RB-211 DLE spares	51	SET	140.00
197	Re conditioning of 66 KV Switch YARD	1	Lumpsum	20.00

198	Reciprocating compressor		Lumpsum	500.00
199	Refilling of argonaite Cylinders		EA	6.00
200	Refilling of Co2 Cylinders	144 nos	EA	7.00
201	Relay Up gradation for IPS	10	Lumpsum	20.00
202	Relays	30	EA	5.78
203	Replacement of PLC at DT RIL	1	Lumpsum	300.00
204	Requirement of furniture at all SV, IP station	1(LS)	SET	25.00
205	Roof top solar energy plant		Lumpsum	15.00
206	RR compressor spares	15	SET	10.00
207	S600 plus FC spares	4	SET	10.00
208	Safety Kits & Leveries	25 nos	SET	3.00
209	SCADA System	1	Lumpsum	20.00
210	Scraper Launcher Receiver	40	EA	2511.00
211	Scrubber for Natural gas service	1	EA	80.00
212	Sealants	7	EA	47.00
213	Sf6 Breaker	2	EA	30.00
214	Smoke Detection System for SV& IP	10	Lumpsum	50.00
215	Sodium Chlorite (MT)	800	MT	800.00
216	Sodium Hypochlorite (MT)	240	MT	25.00
217	Solar Charge Controller Replacement	5	Lumpsum	25.00
218	Solar Roof top	7	Lumpsum	35.00
219	Spare flowmeters- Turbine and PD Meters	6	SET	30.00
220	SPARE PARTS OF STEAM TURBINE	1	SET	150.00
221	Spare Pressure Reduction System (PCV,SSV)	5	Lumpsum	50.00
222	Spares - Pipeline,Electrical & Mechanical	1	SET	65.00
223	Spares & consuamables for Agilent GC sulphur	1	SET	5.00
224	Spares (CP/Electrical)	*	SET	40.00
225	Spares (F&S)	*	SET	5.00
226	Spares (GAILTEL)	*	SET	10.00
227	Spares (Instrumentation/Metering)	*	SET	135.00
228	Spares (Pipeline/Mechanical)	*	SET	50.00
229	Spares for Bently Newada spares for RR,DR and	1 Lot	SET	20.00
230	Spares for Bruker XRD system & accessories	1	SET	10.00
231	Spares for Co2 System.	20	SET	15.00
232	Spares for DEG SET	51	SET	30.00
233	Spares for Diesel transfer pump	1	SET	2.00
234	Spares for Equipments like DG set, fire engines,	Lumpsum	SET	10.00
235	Spares for Feed gas filter elements and seals	Lumpsum	SET	30.00
236	Spares for flowmeters		SET	40.00
237	Spares for FW Pumps & Eninges	15	SET	10.00
238	Spares for Gas Chromatograph	10	SET	65.00
239	Spares for HPU for SVs & IP	5	SET	50.00
240	Spares for Instt. Air Compressor & IA Dryer	30	SET	5.00
241	Spares for Major Maint of Gas Engine	124		350.00
242	Spares for PROCESS PIPING / FW NETWORK	1		15.00
243	Spares for PRS	LS		60.00
244	Spares for Telecom/SCADA/IT Systems		SET	5.00
245	Spares for Turbocharger Overhauling	18	SET	52.00
246	Spares for valves, and pipe fittings.		SET	20.00
247	Spares of gaskets		SET	5.00
248	SPARES OF PRC	1	SET	700.00

249	Spares parts of various Electrical equipment's	25	SET	25.00
250	Spares procurement for Inst		SET	5.00
251	Split sleeves (CS) (30")	7	EA	40.00
252	SS Vessel (LPG) ( No.)	4	EA	620.00
253	Starter for DEG	2	EA	4.00
254	Sulphuric Acid (MT)	100	MT	10.00
255	SV in BPCL Line	1	Lumpsum	80.00
256	Synthetic Oil (Mobil Jet)	3000	Litres	22.50
257	Temp Gauge	30	EA	1.00
258	Temp Transmitter	10	EA	5.00
259	Tetra System	1	Lumpsum	6.00
260	TFM Spares & Calibration	9	Lumpsum	10.00
261	Tools & tackles	10	EA	15.00
262	tools and tackels for Mechanical department	150	EA	3.50
263	Total sulfur Analyser	1	EA	77.00
264	TR UNIT	1	EA	500.00
265	Transformer (10/12.5MVA)	8000	EA	57.00
266	Transmitters	10	EA	10.00
267	TSP (MT)	6	MT	5.00
268	Turbine Flow meter & its spares	10	EA	25.00
269	Ultrasonic Flow meter	1	EA	0.00
270	Ultrasonic Flow Meter for Neeeco & Rokhia	2	EA	75.00
271	UPS	6	EA	115.00
272	USM Upgradation	6	Lumpsum	165.00
273	Valve sealant	1	EA	10.00
274	Valves	35	EA	55.00
275	Variable Speed Drives	2	EA	100.00
276	Various Electrical Consumables	50	EA	55.00
277	VARIOUS PUMP SPARES	1	EA	250.00
278	VARIOUS TYPES OF CLEANING PIGS	12	EA	5.00
279	VARIOUS WORKSHOP MACHINES & MATERIAL	5	EA	200.00
280	VCB(Vaccuum Circuit Breaker)	10	EA	0.00
281	Vibration monitoring system upgradation	2	Lumpsum	30.00
282	VSD FOR PUMP	2	EA	52.80
283	VSD's for LPG Pumps	2	EA	80.00
284	VSD's for LPG Pumps at G. Konduru	0	EA	40.00
285	Yokogawa PLC Spares	1	EA	50.00

**Financial Year: 2022-23**

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Units (Nos. / Kilo-Meters / Tonne...)	Estimated value of Procurement INR (Lacs)
1	Aminosol		228	Litres	488.00
2	Ball valves ( Various sizes)		95 nos.	EA	2900.00
3	33 kv grid power connection		1	EA	5.00
4	75kVA GEG (Agra & Firozabad CGS)		2	EA	50.00
5	Activated Charcoal (MT)		90	MT	111.29
6	Air Conditioner for Kandla base & water		22	EA	16.00
7	AIR COOLERS		1	EA	413.00
8	Air Filter for GTC & GEG Ventilation		1466	Lumpsum	125.00
9	Alum (MT)		100	MT	11.00
10	ANTISURGE CONTROLLER FOR GTC AND		1	EA	50.00
11	Any other Misc Item		10	EA	10.00
12	ARC of calibration gases for AKM Lab		1	Lumpsum	1.00
13	ASB PANELS OF SS-2 and 4		1	EA	0.00
14	Assorted Pipes		4 Lot	Meters	2200.00
15	Atmospheric pressure Storage Tanks		2	EA	700.00
16	Batteries (Battery Bank & Charger)		31	EA	469.00
17	Breathing Appartus		5	SET	11.00
18	BUS DUCT OF DISTRIBUTION		2	EA	10.00
19	CCTV System & Camera		0	SET	12.00
20	Cement Slab (Pipeline Protection slab)		200	EA	80.00
21	Chemicals and consumables		1	Liters	2.00
22	Clock Spring		3	EA	3.00
23	Coating Material		4	Liters	32.00
24	COLUMNS & INTERNALS		2	EA	6757.00
25	Compressor		1	Lumpsum	4041.00
26	COMPRESSORS & FANS		2	EA	41353.00
27	Consumables for Telecom Systems		Lot	LOT	5.00
28	Consumables like catridges of printer,IT		Lumpsum	Lumpsum	4.00
29	Contactors		30	EA	8.27
30	Contactors & Relays			EA	1.00
31	Control valves		50	EA	190.00
32	CT-3 FILLPACK		4	EA	250.00
33	CW system		1	Lumpsum	3600.00
34	Cyber security			Lumpsum	20.00
35	DC -DC Converter		10	EA	10.00
36	DCS systems Hardware/Software		2	Lumpsum	800.00
37	DEG-1350 KVA-spares		5	SET	1.00
38	DG SET		5	EA	25.00
39	Diesel (KL)		84	KL	55.57

40	DM water system	1	Lumpsum	2100.00
41	Doors Seals	7	EA	10.00
42	ELECTRICAL	5522	EA	75.00
43	Electrical Measuring Instruments	4	EA	52.00
44	Energy Efficient Motor	9	EA	26.00
45	EPABX	3	Lumpsum	80.00
46	ER Probe data loggers	20	EA	70.00
47	Ethyl Mercaptan (MT)	20	MT	110.00
48	F&S Spares and Equipments	20	Set	10.00
49	FCBC	5	EA	25.00
50	FCBC Charger	10	EA	15.00
51	Field Instruments	750	EA	476.00
52	Filter element of Dry gas filter and Filter		EA	14.00
53	Filter Elements	10	EA	40.00
54	Filter Separator Elements for DVPL-2	188	EA	0.18
55	Filter Separator Elements for GREP	128	EA	5.76
56	Filter Separator Elements for HVJ	168	EA	13.12
57	Fire & Safety System Spares		SET	47.00
58	Fire Delivery Hose	150	EA	11.00
59	Fire Extinguishers of various Capacity	50	EA	5.00
60	Fire Fighting System	1	Lumpsum	1000.00
61	Flanges & Fittings	4 lot	SET	1150.00
62	Flare System	1	Lumpsum	2000.00
63	Flow Computer	28	EA	142.00
64	Flow computer Spares	3	EA	55.00
65	Flow tees	60	EA	650.00
66	FLP/LED Lighting System	40	Lumpsum	6.00
67	Gas Detection System -New system	10	Lumpsum	75.00
68	Gas Engine Generator (GEG) Inst. Spares	2	Set	23.00
69	Gas flooding system-Refilling	1	Lumpsum	20.00
70	Gas Turbine Compressor (GTC) Inst. Spares	2	set	25.00
71	GAS TURBINE: MODEL: M3142 MAKE:	1	Lumpsum	500.00
72	GASKET	11	lot	2.00
73	GC spares and Calibration Gas	1	lot	42.00
74	GC upgradation (HVJ	4	Lumpsum	200.00
75	GEG PLC OBSOLETE FRONTEND		Lumpsum	100.00
76	GPU DCS OBSOLETE FRONT-END	148	Lumpsum	8.00
77	GTC KC5 Instrumentation spares	1 Lot	set	60.00
78	H2O/H2S Annalyser Maintenance & Spares	2	set	7.00
79	HALF SPLIT SLEEVES	3	EA	4.00
80	HCl (MT)	1500	MT	25.00
81	HEAT EXCHANGERS	6	EA	12169.00
82	Heater and thermostat for Train GG Lube	1	EA	5324.00
83	Helium Gas cylinders	150	EA	35.00
84	HPU spares	5	SET	25.00
85	HT Breakers	123	EA	1003.00
86	HT Transformer	1	EA	0.00

87	HVAC	26	EA	45.00
88	Hydrazine (MT)	4	MT	25.00
89	IA/PA system	1	Lumpsum	511.00
90	Industrial UPS /Online UPS	2	EA	10.00
91	Insulating Joints (variousSize)	50	EA	330.00
92	INTERMEDIATE OVERHAUL OF RGC	1	Lumpsum	200.00
93	Intrinsically Safety Lamps & Torches	25 Nos Each	EA	8.00
94	IT Equipment	Lot	LOT	50.00
95	Jockey Pump & Motor/ Raw Water	1	EA	6.00
96	KB5 Engine Spare	25	SET	40.00
97	KC5 Engine Spare	15	SET	8.00
98	Ladders (Telescopic, Self Support,	46	EA	23.00
99	LEL System	5	Lumpsum	82.00
100	Lighting Consumables including Ex-d	35	EA	32.00
101	Line pipe ( various sizes)	865	Kms	98000.00
102	Liq N2 (MT)	600	MT	180.00
103	LPG Pump rotor	25	EA	40.00
104	Motors	27	EA	250.00
105	Lube oil pump for Train A&B	1	EA	100.00
106	Lube oils	11	KL	6.00
107	Material required for revamping of	3	SET	500.00
108	Measuring Instruments	10	EA	7.00
109	Mechanical Seal	10	EA	164.00
110	Metallic Gasket	75	EA	5.00
111	Metering skid	28	EA	1550.00
112	Methanol ( MT)	50	MT	15.44
113	Miscellaneous Items (Multimeters,	26	SET	620.00
114	Miscellaneous PIG	5	EA	10.00
115	Morpholine (MT)	9	MT	40.00
116	Motor operated valves	7	EA	121.00
117	MOV 02NO	2	EA	16.00
118	Multi purpose FIRE TENDER	3	EA	400.00
119	procurement for Mass Flow Meters at IPS	1	EA	15.00
120	N2 Plants CMS replacement	1	Lumpsum	3250.00
121	NaOH (100%) (MT)	150	MT	70.00
122	NEW PCV/SDV	0	EA	200.00
123	Nitrogen Plant spares	12	SET	8.00
124	Non-sparking tools (SET)		SET	20.00
125	NP Engine Spare	5	SET	5.00
126	O&M Spares for Gas Engine Generator	15	SET	25.00
127	OEM Jockey/FW pump Spares set	1	SET	3.00
128	OEM KSB New LPG Pump Spare set		SET	50.00
129	OFC	1	kMS	350.00
130	Offsite Pumps	1	EA	1500.00
131	Optical Passives		EA	50.00
132	OVERHAUL OF TURBINE & ENGINE	1	Lumpsum	4970.00
133	PA System	1	Lumpsum	5.00

134	PACKAGE ITEMS & EXTRUDER	2	Lumpsum	37365.00
135	PCV & FCV replacement at RT Sanganer	3	Lumpsum	54.00
136	Pipeline Locator	2	EA	30.00
137	Piping & Pipe Fittings	6	SET	10.00
138	PLC System	1	Lumpsum	410.00
139	Poly Aluminum Chloride (PAC) (MT)	10	MT	50.00
140	Power Supplies	6	EA	3.00
141	PPEs	Various Type	EA	9.00
142	Pressure Regulator Valves Spares -M/s	60	EA	110.00
143	Primary Calibration system for Hazira		Lumpsum	2500.00
144	Printers & cartridges	32	EA	3.00
145	Process equipment Pressure Vessels	1	EA	1600.00
146	Procurement of Calibration Gas	6	MT	6.00
147	Procurement of Mineral Oils in Litres	7000	Liters	52.50
148	PRS Spares	20	set	25.00
149	PSV calibration & Spares	33	set	3.00
150	Pumps	3	EA	2025.00
151	PURCHASE OF Spapers for Engines &	1	SET	150.00
152	PURCHASE OF VARIOUS PUMPS SPARES	2	SET	200.00
153	RAILWAY TRACK MAINTENANCE SPARES	1	SET	200.00
154	RB-211 DLE spares	25	SET	100.00
155	REACTORS	2	EA	12147.00
156	Refilling of argonite Cylinders	100 nos	EA	7.00
157	Refilling of Co2 Cylinders	144 nos	EA	7.00
158	REFURBISHMENT OF DRY GAS SEAL	1	Lumpsum	200.00
159	Refurbishment of Mechanical seals of	2	Lumpsum	20.00
160	REFURBISHMENT OF ROTOR of LPG	1	Lumpsum	81.05
161	Relays	30	EA	6.06
162	Replacement of Bentley Nevada Vibration	1	Lumpsum	150.00
163	Replacement of Old AC	35	Lumpsum	20.00
164	Replacement of Old Ductable AC with		Lumpsum	8.00
165	Safety Kits & Leveries	25 nos	SET	3.00
166	SCADA System	13	Lumpsum	220.00
167	Scraper Launcher Receiver	30	EA	900.00
168	Sodium Chlorite (MT)	800	MT	900.00
169	Sodium Hypochlorite (MT)	240	MT	25.00
170	Spares - Pipeline,Electrical & Mechanical	1	SET	65.00
171	Spares & consumables for ICP- OES	1	SET	10.00
172	Spares (CP/Electrical)	*	SET	40.00
173	Spares (F&S)	*	SET	5.00
174	Spares (GAILTEL)	*	SET	10.00
175	Spares (Instrumentation/Metering)	*	SET	135.00
176	Spares (Pipeline/Mechanical)	*	SET	50.00
177	Spares for Co2 System.	15	SET	5.00
178	Spares for DEG SET	0	SET	10.00
179	Spares for Det-tronics make LEL gas	1 Lot	SET	30.00
180	Spares for Equipments like DG set, fire	Lumpsum	SET	5.00



181	Spares for Feed gas filter elements and	Lumpsum	SET	20.00
182	Spares for FW Pumps & Eninges	12	SET	1.00
183	Spares for Gas Chromatograph	12	SET	20.00
184	Spares for Instt. Air Compressor & IA Dryer	35	SET	6.00
185	SPARES FOR LPG PUMPS MAIN LINE KSPL1	1	SET	50.00
186	Spares for Rockwell PLC	1 Lot	lot	10.00
187	Spares for Telecom/SCADA/IT Systems		SET	5.00
188	Spares for valves, and pipe fittings.		SET	20.00
189	SPARES FOR VARIOUS LIQUID		SET	50.00
190	Spares of gaskets		SET	5.00
191	Spares of pipe leak repair clamps and		SET	20.00
192	Spares parts of various Electrical	30	SET	30.00
193	Spares procurement for Inst		SET	5.00
194	Split sleeves (CS) (30")	3	EA	8.49
195	Storage vessels	1	EA	18429.00
196	Sulphuric Acid (MT)	100	MT	10.00
197	Surveillance measures		Lumpsum	20.00
198	SW gaskets of different sizes and pressure	300	EA	5.50
199	Synthetic Oil (Mobil Jet)	3000	Litres	22.50
200	TANKS / VESSELS	3	EA	24856.00
201	Telecom Equipment including:	Lot	EA	77.00
202	Test & Measuring Instru.	1	EA	2.00
203	Testing, Calibration & Measurement	15	Lumpsum	30.00
204	TFM Spares & Calibration	6	Lumpsum	8.00
205	Tools		EA	5.00
206	Tools & tackles		EA	10.00
207	tools and tackels for Mechanical	100	EA	3.00
208	Transformer (10/12.5MVA)	8000	EA	7.00
209	TSP (MT)	6	MT	5.00
210	Turbine Flow meter & its spares	10	EA	25.00
211	Turbine meter	2	EA	10.00
212	Up gradation of MC GRILL VSD	3	Lumpsum	0.00
213	UPS	4	EA	36.00
214	USM Upgradation	4	Lumpsum	110.00
215	Utility PACKAGES	1	Lumpsum	1627.00
216	Valves	0	EA	50.00
217	Various Electrical Consumables	50	EA	50.00
218	VARIOUS TYPES OF CLEANING PIGS	12	EA	5.00
219	VCB(Vaccuum Circuit Breaker)	10	EA	120.00
220	Vessels	1	EA	4600.00
221	Vibration monitoring system upgradation	4	Lumpsum	170.00
222	VSD FOR PUMP	2	EA	52.80
223	VSD's for LPG Pumps	4	EA	160.00
224	VSD's for LPG Pumps at G. Konduru	1	EA	40.00
225	XA card for TJ1410 Tejas SDH Equipment	1	EA	1.00

**Financial Year: 2023-24**

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Units (Nos. / Kilo-Meters / Tonne...)	Estimated value of Procurement INR (Lacs)
1	Aminosol		228	Litres	513.00
2	Ball valves ( Various sizes)		4	EA	500.00
3	33 kv grid power connection		1	EA	5.00
4	Forklift spares for Jhabua		28	EA	3.00
5	ACB(AIR CIRCUIT BREAKR		20	EA	60.00
6	Activated Charcoal (MT)		90	MT	116.86
7	AFFF		2500 Ltrs	Litres	7.00
8	Air Conditioner for Kandla base & water		26	EA	45.00
9	Air Filter for GTC & GEG Ventilation		1388	Lumpsum	105.00
10	Alum (MT)		100	MT	11.00
11	Analysers		1	EA	50.00
12	Any other Misc Item		10	EA	10.00
13	ARC of calibration gases for AKM Lab		2	Lumpsum	3.00
14	Assorted Pipes			Meters	200.00
15	Basket filter & spares		2	Set	2.00
16	Batteries (Battery Bank & Charger)		193	EA	290.00
17	Carbon Molecular Seives (CMS) (MT)			EA	60.00
18	CATALYST & CHEMICALS		2	Litres / MT	20253.00
19	CCTV System & Camera		17	SET	1463.00
20	Chemicals and consumables		1	Liters	2.00
21	Coating Material		1	Liters	10.00
22	Consumables for Telecom Systems		Lot	LOT	5.00
23	Consumables like catridges of printer,IT		Lumpsum	Lumpsum	3.00
24	Control valves		75	EA	150.00
25	CPU Card of RTU		2	EA	2.00
26	DC -DC Converter		4	EA	1.00
27	DCS systems Hardware/Software		1	Lumpsum	400.00
28	DEG-1350 KVA-spares		11	SET	11.00
29	DG SET		2	EA	8.00
30	Diesel (KL)		84	KL	58.34
31	DIESEL ENGINE SPARES		1	Set	50.00
32	DP Transmitter		5	EA	3.00
33	DR compressor spares		5	SET	5.00
34	DRAYER MOV OF PH1 and PH2		8	EA	45.00
35	Dry Chemical Powder		1000 Kgs	KG	0.00
36	ELECTRICAL		6021	EA	76.00
37	Electrical Measuring Instruments		4	EA	52.00
38	Electrical Safety Devices ( Mats )		500	EA	3.00
39	Energy Efficient Motor		9	EA	26.00

40	EPABX	3	Lumpsum	46.00
41	ESD PLC OBSOLETE FRONTEND	1	Lumpsum	50.00
42	Ethyl Mercaptan (MT)	20	MT	120.00
43	EXPANDER COMPRESSOR SPARES	1	Set	1000.00
44	F&S Spares and Equipments	20	Set	10.00
45	FCBC	5	EA	25.00
46	Field Instruments	350	EA	350.00
47	Filter Separator Elements for GREP	128	EA	5.76
48	Filter Separator Elements for HVJ	168	EA	13.12
49	Fire & Safety System Spares		SET	52.00
50	Fire Delivery Hose	70	EA	4.00
51	Fire Extinguishers of various Capacity	50	EA	5.00
52	Fire Monitors	6 Nos	EA	0.00
53	Fire Promixy Suits	6	EA	4.00
54	Flanges & Fittings		SET	150.00
55	Flow Computer	15	EA	80.00
56	Flow computer Spares	6	EA	110.00
57	Flow tees	0	EA	100.00
58	FLP/LED Lighting System	40	Lumpsum	6.00
59	Foam Trolley	8 nos	EA	0.00
60	FW pump-spares	2	SET	2.00
61	Gas Detection System -New system	40	Lumpsum	105.00
62	Gas Turbine Compressor (GTC) Inst. Spares	3	set	64.00
63	GASKET	11	lot	5.00
64	GC spares and Calibration Gas	1	lot	52.00
65	GEG PLC OBSOLETE FRONTEND	80	Lumpsum	100.00
66	GPU DCS OBSOLETE FRONT-END	50	Lumpsum	5.50
67	GTC KC5 Instrumentation spares	1 Lot	set	50.00
68	H2O/H2S Annalyser Maintenance & Spares	2	set	8.00
69	Hardwares		EA	20.00
70	HCl (MT)	1500	MT	25.00
71	HPU spares	17	SET	35.00
72	HT Breakers	7	EA	70.00
73	Hydrazine (MT)	4	MT	25.00
74	IA compressor spares	50	SET	10.00
75	Industrial UPS /Online UPS	2	EA	10.00
76	Insulating Joints (variousSize)		EA	40.00
77	KB5 Engine Spare	0	SET	30.00
78	KC5 Engine Spare	0	SET	50.00
79	Led lights	200	EA	4.00
80	LEL System	11	Lumpsum	54.00
81	Lighting Consumables including Ex-d	35	EA	32.00
82	Line pipe ( Various sizes)	600	Kms	75000.00
83	Liq N2 (MT)	600	MT	180.00
84	LPG Pump rotor	1	EA	170.00

85	LT Breaker retrofitting	24	Lumpsum	103.00
86	Motors	3	EA	30.00
87	Lube oil filters for all Mahcines	20	LITERS	30.00
88	Lube oils	11	KL	6.00
89	Mass Flow Meter		EA	5.00
90	Master Equipments: Dead weight tester,	10	SET	25.00
91	Measuring Instruments	5	EA	5.00
92	Mechanical Seal	10	EA	474.00
93	Metering skid	30	EA	620.00
94	Methanol ( MT)		MT	16.21
95	Miscellaneous Items (Multimeters,	26	SET	620.00
96	Miscellaneous Instruments Field & Panel	30	SET	50.00
97	Miscellaneous PIG	5	EA	10.00
98	Morpholine (MT)	9	MT	40.00
99	Bearings	4	EA	0.00
100	Motor operated valves	2	EA	1.00
101	procurement for Mass Flow Meters at IPS	1	EA	15.00
102	NaOH (100%) (MT)	150	MT	70.00
103	NEW PCV/SDV	0	EA	100.00
104	New PRS/Upgradation of Pressure	2	Lumpsum	70.00
105	NP compressor spares	4	SET	4.00
106	O&M Spares for Gas Engine Generator	18	SET	30.00
107	OEM Flowserve LPG Pump Mech Seal	2	SET	60.00
108	OFC	1	kMS	400.00
109	OVERHAUL OF TURBINE & ENGINE	1	Lumpsum	1250.00
110	PCV & FCV replacement at RT Sanganer		Lumpsum	60.00
111	PIDS equipment	3	EA	450.00
112	Pigging & Material	4	LOT	0.00
113	Piping & Pipe Fittings	25	SET	50.00
114	PLC System	3	Lumpsum	750.00
115	Poly Aluminum Chlorife (PAC) (MT)	10	MT	50.00
116	Power Supplies	6	EA	3.00
117	Pressure Regulator Valves Spares -M/s	27	EA	13.00
118	Pressure/Diff. Pressure/ Temperature	12	EA	10.00
119	Printers & cartridges	32	EA	3.00
120	Procuremen of Mineral Oils in Litres	7000	Liters	52.50
121	Procurements Spares for Various Packages	20	set	3.00
122	Procurment of Bently Nevada Vibration	10	set	15.00
123	Procurment of Rockwell PLC spares	5	set	5.00
124	PRS Spares	30	set	40.00
125	PSV calibration & Spares	33	set	4.00
126	PURCHASE OF Spapers for Engines &	5	SET	1050.00
127	PURCHASE OF VARIOUS FILTERS	1	EA	100.00
128	PURCHASE OF VARIOUS PUMPS SPARES	1	SET	200.00
129	RB-211 DLE spares	51	SET	200.00
130	Refilling of argonaite Cylinders	100 nos	EA	7.00
131	Refilling of Co2 Cylinders	144 nos	EA	8.00

132	Replacement of existing Split AcS with	25	Lumpsum	15.00
133	Replacement of VFD	2	Lumpsum	200.00
134	RR compressor spares	15	SET	10.00
135	RT62 Power Turbine Major Spares		SET	900.00
136	RTD PT100 4 wire	5	METERS	1.00
137	Safety Kits & Leveries	25 nos	SET	4.00
138	Scrapper Launcher Receiver		EA	150.00
139	Sealants	5	EA	2.00
140	Sodium Chlorite (MT)	800	MT	900.00
141	Sodium Hypochlorite (MT)	240	MT	30.00
142	Solar Charge Controller Replacement	10	Lumpsum	50.00
143	SPARE PARTS OF STEAM TURBINE	1	SET	150.00
144	Spares - Pipeline,Electrical & Mechanical	1	SET	75.00
145	Spares & consumables for Agilent GC	1	SET	50.00
146	Spares (CP/Electrical)	*	SET	40.00
147	Spares (F&S)	*	SET	5.00
148	Spares (GAILTEL)	*	SET	10.00
149	Spares (Instrumentation/Metering)	*	SET	135.00
150	Spares (Pipeline/Mechanical)	*	SET	50.00
151	Spares for Bruker XRD system & accessories	1	SET	10.00
152	Spares for Co2 System.	20	SET	10.00
153	Spares for DEG SET	51	SET	30.00
154	Spares for Equipments like DG set, fire engines, pumps, etc.	Lumpsum	SET	10.00
155	Spares for Feed gas filter elements and seals	Lumpsum	SET	30.00
156	Spares for Fisher make Fuel gas PCVs for	1 Lot	SET	20.00
157	Spares for flowmeters		SET	50.00
158	Spares for FW ENGINE	1	SET	3.00
159	Spares for Gas Chromatograph	10	SET	70.00
160	Spares for Instt. Air Compressor & IA Dryer	35	SET	6.00
161	Spares for Jockey pump	1	SET	2.00
162	Spares for Main fire water pump	1	SET	2.00
163	Spares for Major Maint of Gas Engine	40		50.00
164	Spares for PROCESS PIPING / FW NETWORK	1		5.00
165	Spares for PRS	LS		90.00
166	Spares for Raw water pump	1		2.00
167	Spares for Telecom/SCADA/IT Systems		SET	5.00
168	Spares for valves, and pipe fittings.		SET	20.00
169	Spares of gaskets		SET	10.00
170	Spares parts of various Electrical	30	SET	30.00
171	Spares procurement for Inst		SET	5.00
172	Split sleeves (CS) (30")	3	EA	8.49
173	Sulphuric Acid (MT)	100	MT	10.00
174	Synthetic Oil (Mobil Jet)	3000	Litres	22.50
175	Temp Gauge	10	EA	0.50
176	Tetra System	1	Lumpsum	7.00

177	TFM Spares & Calibration	9	Lumpsum	10.00
178	Tools & tackles	10	EA	15.00
179	tools and tackels for Mechanical	50	EA	1.50
180	TR UNIT	2	EA	1000.00
181	TSP (MT)	6	MT	5.00
182	Turbine Flow meter & its spares	10	EA	25.00
183	Up gradation of MC GRILL VSD		Lumpsum	150.00
184	UPS	4	EA	147.00
185	USM Upgradation	3	Lumpsum	50.00
186	Valve sealant	1	EA	10.00
187	Valves	15	EA	12.00
188	Various Electrical Consumables	50	EA	55.00
189	VARIOUS PUMP SPARES	1	EA	250.00
190	VARIOUS TYPES OF CLEANING PIGS	12	EA	5.00
191	VARIOUS WORKSHOP MACHINES &	1	EA	300.00
192	VCB(Vaccuum Circuit Breaker)	10	EA	0.00
193	VSD FOR PUMP	1	EA	40.00
194	XA card for TJ1410 Tejas SDH Equipment	1	EA	2.00

**Financial Year: 2024-25**

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Units (Nos. / Kilo-Meters / Tonne...)	Estimated value of Procurement INR (Lacs)
1	Aminosol		228	Litres	538.00
2	33 kv grid power connection		1	EA	5.00
3	Activated Alumina (MT)		10	MT	50.00
4	Activated Carbon (MT)		100	MT	200.00
5	Activated Charcoal (MT)		90	MT	122.70
6	Actuator procurement		5	EA	44.00
7	Air Conditioner for Kandla base & water		38	EA	24.00
8	Air Filter for GTC & GEG Ventilation		1464	Lumpsum	80.00
9	Alum (MT)		100	MT	12.00
10	Any other Misc Item		10	EA	10.00
11	APFC cpacitors		20	EA	1.00
12	ARC of calibration gases for AKM Lab		1	Lumpsum	1.00
13	ASB PANELS OF SS-2 and 4		1	EA	30.00
14	BA Sets and Cylinders		2	Set	30.00
15	Batteries (Battery Bank & Charger)		23	EA	320.00
16	Biffi Actuator Spares		10	SET	50.00
17	BLEED VALVE OVERHAULING		16	Lumpsum	16.13
18	Breathing Appartus		5	SET	12.00
19	BUS DUCT OF DISTRIBUTION		2	EA	12.00
20	Carbon Molecular Seives (CMS) (MT)		6	EA	0.00
21	CCTV System & Camera			SET	14.00
22	Cement Slab (Pipeline Protection slab)		100	EA	40.00
23	Ceramic Balls -LPG (MT)		24	MT	12.16
24	Chemicals and consumables		1	Liters	2.00
25	Clock Spring		10	EA	80.00
26	Coating Material		8	Liters	37.00
27	Consumables for Telecom Systems		Lot	LOT	5.00
28	Consumables like catridges of printer,IT		Lumpsum	Lumpsum	4.00
29	Contactors & Relays			EA	1.00
30	Control valves		50	EA	170.00
31	DCS systems Hardware/Software		1	Lumpsum	400.00
32	DEG-1350 KVA-spares		5	SET	1.00
33	DG SET		1	EA	5.00
34	Diesel (KL)		84	KL	61.26
35	ELECTRICAL		5527	EA	77.00
36	Electrical Measuring Instruments		2	EA	51.00
37	Energy Efficient Motor		9	EA	26.00
38	ER Probe data loggers		3	EA	25.00
39	Ethyl Mercaptan (MT)		20	MT	120.00
40	F&S Spares and Equipments		20	Set	10.00
41	FCBC		5	EA	40.00
42	Field Instruments		353	EA	353.00

43	Filter element of Dry gas filter and Filter		EA	16.00
44	Filter Elements	12	EA	40.00
45	Filter Separator Elements for DVPL-2	188	EA	0.18
46	Filter Separator Elements for GREP	128	EA	5.76
47	Filter Separator Elements for HVJ	168	EA	13.12
48	Fire & Safety System Spares		SET	42.00
49	Fire Branches		EA	7.00
50	Fire Delivery Hose	80	EA	8.00
51	Fire Extinguishers of various Capacity	295	EA	50.00
52	Fire Monitors		EA	12.00
53	Fire Promixy Suits	5 Nos	EA	12.00
54	Flow Computer	10	EA	60.00
55	Flow computer Spares	4	EA	15.00
56	FLP/LED Lighting System	40	Lumpsum	6.00
57	Foam Trolley		EA	18.00
58	FW pump-spares	2	SET	1.00
59	Gas Detection System -New system	5	Lumpsum	60.00
60	Gas Engine Generator (GEG) Inst. Spares	1	Set	3.00
61	Gas flooding system-Refilling	3	Lumpsum	91.00
62	Gas Turbine Compressor (GTC) Inst.	3	set	48.00
63	GAS TURBINE: MODEL: M3142 MAKE:	1	Lumpsum	1500.00
64	GASKET		lot	1.00
65	GC spares and Calibration Gas	1	lot	90.00
66	GEG PLC OBSOLETE FRONTEND	80	Lumpsum	0.00
67	H2O/H2S Annalyser Maintenance &	2	set	8.00
68	HCl (MT)	1500	MT	25.00
69	HEAT EXCHANGERS	3	EA	200.00
70	HEAT TRACER PANEL	4	EA	50.00
71	Helium Gas cylinders	150	EA	40.00
72	HPU spares	5	SET	31.00
73	HT Breakers	7	EA	70.00
74	HVAC	25	EA	20.00
75	Hydrazine (MT)	4	MT	25.00
76	Industrial UPS /Online UPS	3	EA	25.00
77	Intrinsically Safety Lamps & Torches	25 Nos Each	EA	8.00
78	Ion Exchange Resins (MT)	10	MT	400.00
79	KB5 Engine Spare	25	SET	40.00
80	KC5 Engine Spare	15	SET	8.00
81	LEL System	60	Lumpsum	245.00
82	Lighting Consumables including Ex-d	35	EA	32.00
83	Line pipe ( Various sizes)	600	Kms	75000.00
84	Liq N2 (MT)	600	MT	180.00
85	LPG Pump rotor	5	EA	0.00
86	LPG Suits	5 Nos	EA	10.00
87	Motors	25	EA	25.00



88	Lube oil pump for Train A&B	1	EA	100.00
89	Lube oils	11	KL	6.00
90	Measuring Instruments	13	EA	10.00
91	Mechanical Seal	7	EA	304.00
92	Metering skid	25	EA	160.00
93	Methanol ( MT)	50	MT	17.02
94	Miscellaneous Items (Multimeters,	26	SET	620.00
95	Miscellaneous PIG	5	EA	10.00
96	Molecular Sieves- LPG (MT)	392	MT	694.00
97	Morpholine (MT)	9	MT	40.00
98	Bearings	2	EA	8.00
99	N2 Plants CMS replacement	2	Lumpsum	20.00
100	NaOH (100%) (MT)	150	MT	70.00
101	Nitrogen Plant spares	12	SET	8.00
102	NP Engine Spare	5	SET	5.00
103	O&M Spares for Gas Engine Generator	20	SET	35.00
104	OEM Jockey/FW pump Spares set	1	SET	3.00
105	OVERHAUL OF TURBINE & ENGINE	1	Lumpsum	9500.00
106	PCV & FCV replacement at RT Sanganer	2	Lumpsum	55.00
107	Pigging & Material		LOT	5.00
108	Pipeline Locator	8	EA	70.00
109	Piping & Pipe Fittings	6	SET	15.00
110	PLC System	2	Lumpsum	500.00
111	Pneumatic Valves for Co2 / Argonite	30 nos	Lumpsum	15.00
112	Poly Aluminum Chloride (PAC) (MT)	10	MT	50.00
113	Power Supplies	6	EA	6.00
114	PPEs	Various Type	EA	10.00
115	Pressure Regulator Valves Spares -M/s	85	EA	121.00
116	Pressure/Diff. Pressure/ Temperature	15	EA	8.00
117	Printers & cartridges	32	EA	3.00
118	Procurement of Mineral Oils in Litres	7000	Liters	52.50
119	Procurement of Control valve and PSV's	5	set	5.00
120	Procurement of Fire and gas detector	5	set	5.00
121	Procurement of GEG spares	15	set	15.00
122	Procurement of Rockwell PLC spares	5	set	10.00
123	PRS Spares	40	set	50.00
124	PSV calibration & Spares	33	set	4.00
125	PURCHASE OF Spapers for Engines &	3	SET	600.00
126	PURCHASE OF VARIOUS PUMPS SPARES	2	SET	200.00
127	RB-211 DLE spares	25	SET	100.00
128	Refilling of argonite Cylinders	100 nos	EA	8.00
129	Refilling of Co2 Cylinders	144 nos	EA	8.00
130	REFURBISHMENT OF DRY GAS SEAL	1	Lumpsum	220.00
131	Refurbishment of Mechanical seals of	2	Lumpsum	25.00
132	REFURBISHMENT OF ROTOR of LPG	1	Lumpsum	101.31
133	RPD meter	5	EA	20.00

134	RT62 Power Turbine Major Spares	50	SET	0.00
135	S600 plus FC spares	4	SET	10.00
136	Safety Kits & Leveries	25 nos	SET	4.00
137	Safety Ladders Procurement	5	EA	10.00
138	SCADA System	30	Lumpsum	840.00
139	Sealants	2	EA	3.00
140	Sodium Chlorite (MT)	800	MT	1000.00
141	Sodium Hypochlorite (MT)	240	MT	30.00
142	Spare flowmeters- Turbine and PD	10	SET	50.00
143	Spare Pressure Reduction System	5	Lumpsum	50.00
144	Spares - Pipeline,Electrical & Mechanical	1	SET	75.00
145	Spares (CP/Electrical)	*	SET	40.00
146	Spares (F&S)	*	SET	5.00
147	Spares (GAILTEL)	*	SET	10.00
148	Spares (Instrumentation/Metering)	*	SET	135.00
149	Spares (Pipeline/Mechanical)	*	SET	50.00
150	Spares for Bently Newada spares for	1 Lot	SET	10.00
151	Spares for Co2 System.	12	SET	20.00
152	Spares for DEG SET	0	SET	25.00
153	Spares for Det-tronics make LEL gas	1 Lot	SET	30.00
154	Spares for Equipments like DG set, fire engines, pumps, etc.	Lumpsum	SET	5.00
155	Spares for Feed gas filter elements and seals	Lumpsum	SET	20.00
156	Spares for flowmeters		SET	50.00
157	Spares for FW Pumps & Eninges	10	SET	1.00
158	Spares for Gas Chromatograph	5	SET	60.00
159	Spares for Instt. Air Compressor & IA	40	SET	18.00
160	Spares for Major Maint of Gas Engine	130		400.00
161	Spares for Rockwell PLC	1 Lot	lot	10.00
162	Spares for Telecom/SCADA/IT Systems		SET	5.00
163	Spares for valves, and pipe fittings.		SET	20.00
164	Spares of gaskets		SET	5.00
165	Spares of pipe leak repair clamps and		SET	20.00
166	SPARES OF PRC	1	SET	300.00
167	Spares parts of various Electrical	30	SET	30.00
168	Spares procurement for Inst		SET	5.00
169	Sulphuric Acid (MT)	100	MT	10.00
170	SW gaskets of different sizes and	300	EA	5.50
171	Synthetic Oil (Mobil Jet)	3000	Litres	22.50
172	Telecom Equipment including:	Lot	EA	1017.00
173	Temp Gauge	10	EA	0.50
174	Temp Transmitter	5	EA	2.00
175	TFM Spares & Calibration	6	Lumpsum	8.00
176	Tools & tackles		EA	5.00
177	tools and tackels for Mechanical	100	EA	3.00
178	TR UNIT	3	EA	3600.00

179	Transmitters	20	EA	15.00
180	TSP (MT)	6	MT	5.00
181	Turbine Flow meter & its spares	10	EA	25.00
182	UPS	4	EA	47.00
183	USM Upgradation		Lumpsum	10.00
184	Valves	19	EA	47.00
185	Various Electrical Consumables	50	EA	50.00
186	VARIOUS TYPES OF CLEANING PIGS	12	EA	5.00