

**Name of the Organization: HINDUSTAN PETROLEUM CORPORATION LIMITED**

Website link- <https://www.hindustanpetroleum.com/TendersAndContracts>

**Ministry Department- Ministry of Petroleum and Natural Gas**

**Financial Year-2021-22**

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
1	Motors	3 phase Induction motors with FLP enclosre rating varying from 7.5 kw to 450 kw	17	Nos.	6.55
2	Electrical panel and Components	22kv, 6.6 kv, 3.3 kv and 415 v switchboard with incomer, motor, transformer and spare feeder	4	Nos.	9.36
3	Electronic access control	Design & Supply of Access Control System to restrict entry and exit of critical sub-stations	1	LS	2.60
4	LED fittings	45w & 400 w FLP LED fixtures suitable for woring in zone-1 / 2, gas group IIA/IIB	1000	Nos.	0.80
5	Lightning Protection of External Floating Roof Tanks.	Design & Supply of Earth lighting Protection system for floating roof tanks	1	LS	7.15
6	Compressors and Spares	KW rating 13.9 to 3030 , Spares-Magnum Valve Discharge/Shoes Thrust Main Bearing/ Shell Main Bearing/ Shims for Bearing Clearance Adjustment/ Seal Oil/ Ring Oil ETC	736	Nos.	13.75
7	Pump and pump spares	Flow 5m3/hr to 2500 m3/hr, Spares-Impeller/ Diffuser/ Case Wearing/ Diffuser Wearing/ Impleller wearing/ Balance wearing/ Locknut/ Shaft/ Bearing Space Sleeve/ Inter stage sleeve ETC	1575	Nos.	18.30
8	Valves and spares	Spares for slide valves for PDRCVs	20	Nos.	4.20

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
9	Heat Exchanger and Components	Channel,Channel Cover,FTS Cover of metallurgy CS with SDSS/Monel cladding of sizes varying from 500mm dia to 2000 mm dia, SDSS(UNS 32750)/ Titanium (SB338 Gr.2) tubes of dia 19.05 mm, Channel, Channel Cover, FTS Cover of CS metallurgy with/without Monel cladding and DSS metallurgy of sizes varying from 500mm dia to 1800 mm dia. Tube bundles with Tubesheet metallurgy of CS/DSS/Monel and CS/SDSS/DSS/Titanium/Cu-Ni tubes. Fabrication as per relevant ASME Section VIII, Div.1/TEMA, Class-R Specifications.	39	Nos.	12.37
10	Procurement of Drum assembly	CS Drum assembly	1	Nos.	0.40
11	Air Fin Coolers	CS, SS Tubes, Alloy Tubes Air Fin Cooler Assembly	23	Nos.	9.22
12	Cooling Tower	Supply of Chemical treated wood and Civil jobs	1	Nos.	5.62
13	Filters	Autoback wash filter, coalescers of Polypropylene, Glass Fibre,Cotton Wound material (Filtration Rating: 5 Micron to 40 micron)	1	Nos.	0.20
14	Furnace Spares	Furnace Tubes of metallurgy A376 TP347H,TP321 & A335 P5,P9 with return Bends of Size 3",4",6" and 8" (Tube Lengths 4m to 9m.), Burner Main and Pilot Gas Tips of SS310 metallurgy, Risers, Regen tile and Burner Tile	1	Lot	1.60
15	Electrical Fittings	Electrical Heaters	2	Lots	2.10
16	Spares for MBR membrane	Spares for MBR membrane	1	Lot	3.40
17	Instrmentation analyzers	Replacement of analyzers (Process/stack)	5	Nos.	1.50
18	IT equipments and computers	L2, L3 Switches ,WiFi Access points , Out door AP's , Software solutions - NMS Tools , Router (WAN) for Jawar Deep and IT Cartridges	2084	Nos.	2.01
19	Lab Equipment	Ice Machine-Lab Equipment for preparation of ice cubes for cooling of CFR Engines and for cooling in various temperature bath/ Glassware-laboratory apparatus like Viscometers,Distillation flasks, Pipettes, Burettes, Beakers, Separating funnels etc	7	Lots	2.44

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
20	Distributed Control System	DCS/PLC electronic cards and components	3	Nos.	1.00
21	Analyzers (Process/stack)	Replacement of analyzers (Process/stack)	2	Nos.	1.50
22	Programmable Logic Controls	Replacement of PLC/Control panels	1	Nos.	6.00
23	Field Instruments	Instrument control valves	35	Nos.	1.25
24	40 T crane	A telescope and crawler type crane having capacity of 40 Tons (Diesel Engine driven), Hydraulic operated.	1	Nos.	2.30
25	Excavator	Capacity of ~8 ton, with standard tyres and bucket capacity of ~1.1 m <sup>3</sup> , 2.5 mtr wide, transport length of ~9.5 mtr, Hydraulic Operated.	1	Nos.	0.35
26	Vehicles	A 4 wheel drive, diesel engine, open door type, Non-AC type, Manual Gear, Non-metallic roof type.	7	Nos.	0.49
27	Cooling Tower Pumps	Horizontal Centrifugal pump with between bearing design with 56.6 m head and 3500m <sup>3</sup> /hr Flow	1	Nos.	1.35
28	LLPH Sea Water Vertical Pump	Vertical Centrifugal Pump with 12-12.3 MWC head and 4500 m <sup>3</sup> /hr Flow	1	Nos.	0.30
29	CDU3 42F01 APH	Air Pre-Heater with 1 no Glass tubes and 5 nos Cast iron tube module	1	Nos.	6.00
30	PRU overhead condenser comp	Plate type Heat Exchanger with welded titanium frame and plates	1	Nos.	2.50
31	PRU reboiler	Plate type Heat Exchanger with welded titanium frame and plates	1	Nos.	1.50
32	DHDS feed filter	DHDS feed filter	1	LS	1.50
33	DHT feed filter	2 lots (FCCU2 MAB, WGC and RGC of DHDS)	2	LOTS	0.50
34	Machine Monitoring system (spare probes, proximeters, monitoring system electronics, etc)	Emergency Diesel Generators	4	Nos.	1.00

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
35	Safety Items - 7 sets. (DCP-500 Nos., Turbo pumps - 6 Nos., Transportable multigas area monitors - 10 Nos. Detectors, Portable Multigas detectors - 25 Nos., IR detectors - 3 Nos., Radiation Survey meters- 5 Nos. Remote controlled foam tender Monitors - 2 Nos.)	10", 14", 18", 20", 24" Carbon Steel Plug Valves	36	Nos.	2.00
36	Sulphur Analyzers - 2 Sets DHT - 1 No. DHDS- 1 No.	Carbon Steel Pipes/Flanges/Elbow/Fittings	600	KG	3.00
37	Vehicle	Clampon Corrosion Sensors based UT probes	15	Nos.	1.50
38	Real time corrosion monitoring	Plate heat exchanger for Hot Side inlet temp. at 127.5 C and outlet temp at 67.4 C COld Side inlet temp. at 56.5 C and outlet temp at 115 C	1	Nos.	4.00
39	Plate Heat Exchangers at VR	Conversion of manual P&ID to Smart P&ID by linking technical details	400	Nos.	1.50
40	Intelligent P&IDs	1 Carbon Steel Vessel and Piping	1	Set	0.80
41	Hotwell drum for CDU-II	Structured Packing Beds	3	Set	10.00
42	12C01 Column internals	Conversion of Turbine to Motor (700KW)	2	Set	10.00
43	HLPH Turbines conversion	Elevators of 8 persons capacity for 3 floors (7.5HP with gearless motor)	4	Nos.	1.00
44	Lifts for buildings at VR	GI Lighting Poles with power cabling for illumination (3000 Lumens)	175	Nos.	1.00
45	Scale catcher in DHT	Developing Walkthru 3D Model using AR VR Technology & Simulating various case scenarios like startup, shutdown, emergency handling etc.	1	LS	5.00

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
46	Mainline Pumps (with HT motor and Variable Frequency Drive)	Mainline Pumps (with HT motor and Variable Frequency Drive)	0	Nos.	29.00
47	Booster Pumps	Booster Pumps	0	Nos.	4.00
48	Sump Pumps	Submerged Impeller, Centrifugal Pump, Discharge Pressure: 5 - 8 Kg/cm <sup>2</sup> , Flow Rate: 15 - 35 m <sup>3</sup> /hr, Suction/Discharge Line 150#/150#; Design Code: API 610	6	Nos.	0.80
49	Valves (8" & above)	<p>Globe Valve: CS, Flange, 150#/600#/900#, Inductive Proximity Type, IP65, PESO &amp; BS EN 10204 3.1 Certified; Design Code API-602, API 623, ASTM 216 Gr</p> <p>Gate Valve: CS, Flange, 150#/900#, Design Code - API 602, Certification - PESO &amp; BS EN 10204 3.1, Test Standard 598</p> <p>Ball Valve: CS, Flange, 300#/600#/900#, ASTM A216 Grade, Design Code - API 6D, IP65, PESO Certified &amp; BS EN 10204 3.1; Design as per ASME B16.10/ API 609, PESO Certified, IP65;</p> <p>Check Valve: CS, 300#/600#/900#, Design Code - ASTM A216 Gr., API 594</p> <p>DIBV: CS, 300#/600#/900#, Design Code - ASTM A216 Gr., API 6D, IP65, BS EN 10204 3.1</p> <p>DBBV (Gate/Plug): CS, 150#/300#/900#, Connecting Pipe Design Pr. 19 - 49 Kg/cm<sup>2</sup></p> <p>Triple Butterfly Valve: 150#/900#, Design Standard API 609, Connecting Pipe Pr. 19 - 49 Kg/cm<sup>2</sup></p>	65	Nos.	15.00
50	Control Valve		0	Nos.	1.00
51	DG Set	Rating 25KVA to 200 KVA; Self excited internal combustion engine with acoustic enclosure; Light-cum-Surge Arrestor	6	Nos.	1.15

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
52	New LPG cylinders and Regulators	LPG CYLINDERS MANUFACTURED AS PER IS 3196 (LATEST REVISION) OF VARIOUS WATER CAPACITIES .LPG REGULATORS MANUFACTURED AS PER IS 9798 (LATEST REVISION)	4000000	Nos.	522.23
53	Booster Compressor (250-400 SCMh)	Electric Motor Driven Hydraulic Booster Compressor of min 450 or 250 SCMh flow capacity for suction pr range of 30-200 kg/cm <sup>2</sup> and discharge pressure of 250 Kg/cm <sup>2</sup>	30	Nos.	18.41
54	Double nozzle CBG dispenser	Double Arm CNG / CBG Dispensers with >= 15 Kg/min flow capacity	30	Nos.	3.48
55	Stationary cascade (3000 WL ~300 kg)	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	30	Nos.	5.40
56	Gas Analyser	On line Gas Analyser for ascertaining composition of CBG at Retail Outlets	30	Nos.	1.80
57	DU (Dispensing Units)	MS/HSD dispensing unit 1.5KW	200	Nos.	4.00
58	S S TANK (22/35 KL)	MS STEEL TANKS OF 22 & 35 KL	110	Nos.	4.50
59	AUTOMATION	LOGING OF RECEIPT & DISCHARGE AT CONSUMER PUMP	16	Nos.	0.80
60	Kettles	Application;;For Lube, Viscosity Range - 10cST-500cST, Pressure - Atmospheric & pressurized as per applicable application Heat system ; Steam & Thermic Fluid Heating stirrer veins, Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)..	2	Nos.	1.40
61	Filling Machine	Filling Speed - 760 - 1000 pail/hour . Application - Lube Oil (Viscosity 10cST- 500 cST). Linear / Rotary; Sensors; Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)	2	Nos.	0.60
62	Pumps	Type - Twin Screw. Lube Application, Viscosity Range - 10cST- 500cST, 1500lpm / pressure regulators Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)	6	Nos.	0.15

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
63	Aircraft Refueller	Design, Fabrication of Equipment under third party inspection, Testing and commissioning of Various Capacity Aircraft Refuellers, as per approved Drawings, QAP and Specifications	13	Nos.	18.20
64	Bunded Tank	Design, Fabrication of Equipment under third party inspection, Testing and commissioning of 30 KL Self Bunded Tank Facility for Aviation use, as per approved Drawings, QAP and Specifications	2	Nos.	2.00
65	Aviation Filters	Aviation Filters conforming to EI 1581 and EI 1583 latest specification	1785	Nos.	1.11
66	Aviation Hoses	Aviation Hose meeting EI 1529 Latest specifications	105	Nos.	0.63
67	Digital Water Detector	Conforming to EI 1598 and EI 1599 specifications	40	Nos.	10.00
68	DG Sets	Diesel Generator set ranging from 60 KW to 1000 KW	2	Nos.	0.65
69	Pumps	FLP Centrifugal Pump ranging from 25 KW to 150 KW for handling Petroleum Products	31	Nos.	5.26
70	CNG Dispensers	Double Arm CNG Dispensers with $\geq 15$ Kg/min flow capacity	129	Nos.	16.32
71	CNG Cascades	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	194	Nos.	48.02
72	CNG Compressors-Booster	Electric Motor Driven Hydraulic Booster Compressor of min 450 or 250 SCM/H flow capacity for suction pr range of 30-200 kg/cm <sup>2</sup> and discharge pressure of 250 Kg/cm <sup>2</sup>	77	Nos.	55.06
73	CNG Compressors-GED	Gas Engine Driven CNG Compressors of 1200 SCM/H flow capacity	13	Nos.	21.45
74	CNG Compressors-EMD	Electric Motor Driven CNG Compressors of 1200 SCM/H Capacity	13	Nos.	15.73
75	CNG Compressors-VIP	Variable Input Suction Pressure compressors of 600 SCM/H flow capacity	26	Nos.	28.60
76	SS Tubings	Seamless Stainless Steel tubings fully annealed of 3/4" and 1/2" sizes	32250	Meters	21.29
77	Domestic Meters	Domestic Diaphragm Natural Gas Meters G1.6 for Domestic PNG connections	301600	Nos.	49.76
78	Regulators	Regulators for Domestic/ Commercial/ Industrial connections	301600	Nos.	24.88

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
79	DCU	De-Compression unit of 450 SCMh capacity with inlet pr of 250 bar and outlet pr of 4 bar	10	Nos.	3.87
80	DRS	District Regulatory Skid Stations of 2500 SCMh capacity	15	Nos.	5.66
81	MDPE Pipes	Medium Density PE 80/100 pipes of various sizes	4826	Kilometers	212.34
82	Carbon Steel Pipes	Carbon Steel 3LPE X52 5L pipes of various sizes	227	Kilometers	16.61
83	Additive	LZ16005/OLOA8888/ ALTERNATE for Manufacturing of Engine Oil	1381	MT	25.81
84	Additive	LZ3700D/LZ 8688/ALTERNATE for Manufacturing of Engine Oil	1549	MT	23.85
85	Additive	LZ3587/HITEC1272 S/ALTERNATE Manufacturing of Engine Oil	111	MT	2.20
86	Additive	LZCV3103/HITEC 1272S/ALTERNATE Manufacturing of Engine Oil	396	MT	6.02
87	Additive	LZ1040A/ALTERNATE Manufacturing of EP grade Gear Oil	301	MT	8.52
88	Additive	LZ1040A/ALTERNATE Manufacturing of XP grade Gear Oil	82	MT	2.33
89	Additive	OLOA22045/ALTERNATE Manufacturing of 4 stroke engine oil	2227	MT	40.09
90	Additive	LZFC7040/OLOA 22045/ALTERNATE Manufacturing of 4 stroke engine oil	1761	MT	32.58
91	Additive	LZCV7540/ALTERNATE Manufacturing of Diesel Engine Oil	832	MT	16.56
92	Additive	InfineumS911/ALTERNATE Manufacturing of 2 stroke Engine Oil	187	MT	5.20
93	Additive	LZCV2301/ALTERNATE Manufacturing of Turbo Diesel Engine Oil	382	MT	5.69
94	Additive	OLOA59054/ALTERNATE Manufacturing of Multigrade Engine Oil	116	MT	2.24
95	Additive	OLOA 1255Z/ALTERNATE Manufacturing of Engine Oil	10	MT	0.30

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
96	Additive	LZPV9131/ALTERNATE Manufacturing of synthetic grade Engine Oil	108	MT	3.47
97	Additive	LZ760C/ALTERNATE Manufacturing of Industrial Lube Oil	119	MT	2.17
98	Additive	Supertran i/r MONO	122	MT	2.61
99	Additive	SA300/ALTERNATE Additive for antirust in Lube Oil	23	MT	1.39
100	Additive	LZ677A/ALTERNATE Additive for anti wear in lube oil	361	MT	11.47
101	Additive	LZ5703/HITEC 521/Alternate Manufacturing compressor oil	51	MT	1.77
102	Additive	LZ5047/ALTERNATE Used for manufacturing Lube Oil	89	MT	3.53
103	Additive	BA55/ALTERNATE Aditive for Corrosion inhibitor	15	MT	0.88
104	Additive	LZFC8270BX/Alternate Manufacturing of 2 wheeler engine oil	864	MT	37.24
105	Additive	OLOA2000/Alternate Manufacturing of Rail Road Engine Oil	433	MT	10.83
106	Additive	Paratone8015/alternate Manufacturing of Rail Road Engine Oil	145	MT	3.63
107	Additive	LZ5940/ALTERNATE Manufacturing of heat transmission Oil	70	MT	1.86
108	Additive	LZ9990A/Alternate Manufacturing of Gear Oil	162	MT	7.47
109	Additive	LZ5941/Alternate Manufacturing of quenching Oil	10	MT	0.46
110	Additive	Hitec 5708/ALTERNATE Manufacturing of Gearoil	80	MT	1.56
111	Additive	ADCOEP52/ALTERNATE Lube oil for Textile Mills	10	MT	0.65

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
112	Additive	RC3760/ALTERNATE Lube oil for Textile Mills	59	MT	5.49
113	Additive	OLOA 59211/Alternate Manufacturing of Engine Oil	419	MT	8.18
114	Additive	Anglamol 99,LZ 6178/Alternate Manufacturing of Gear Oil	21	MT	0.91
115	Additive	TALUMARB215, MAR501 S/Alternate Manufacturing of Marine grades.	10	MT	0.45
116	Additive	Anglamol6044BB/Alternate Manufacturing of Greases	10	MT	0.48
117	Additive	Anglamol 6043/Alternate Manufacturing of Gear Oil	10	MT	0.44
118	Additive	LZCV7530/Alternate Manufacturing of Diesel Engine Oil.	1220	MT	24.77
119	Additive	OLOA1255/Alternate Manufacturing of Lube Oil for CNG vehicles.	11	MT	0.66
120	Base Oil	GRIII4cST Manufacturing of Synthetic Engine Oil	553	MT	6.91
121	Base Oil	GRIII6cST Manufacturing of Synthetic Engine Oil	28	MT	0.41
122	Base Oil	GRIII8cST Manufacturing of Synthetic Engine Oil	2805	MT	31.98
123	Additive	PAO10/ Alternate Manufacturing of Synthetic Lube Grades.	20	MT	0.60
124	Additive	PAO 100/ Alternate Manufacturing of Synthetic Lube Grades.	30	MT	1.03
125	Additive	PAO6/ Alternate Manufacturing of Synthetic Lube Grades.	50	MT	1.50
126	Base Oil (WHITE OIL)	WHITE OIL For manufacturing of Lube Oil	2656	MT	15.14
127	Additive	LZ3702/alternate For manufacturing Gear Oil	154	MT	6.00

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
128	Additive	LZ9151/alternate For manufacturing Bajaj Grade Lube Oil	1030	MT	42.00
129	Additive	RC8239/ALTERNATE Manufacturing of Shock absorber Oil grades	6	MT	0.40
130	Additive	LZ5172/Alternate Anti Emulsion	2	MT	0.40
131	Additive	LZ889D/Alternate Anti Foaming	2	MT	0.25
132	Additive	HITEC 8705/ALTERNATE Manufacturing of Lube Oil	121.5	MT	4.0
133	Additive	LZ7065CA/Paratone8910/ Hitec5835H/ OCPJ0030 and Lubimax 5835 for manufacturing of PBO	1345	MT	28.93
134	Additive	LZ7067C for manufacturing of PBO Super	280	MT	10.95
135	Additive	ELCO313/ LZ 5340/LZ 5346/Addco Sw2/Hitec 561 for manufacturing of Waylube Grades.	12	MT	1.40
136	Additive	Lithium Hydroxide for Manufacturing Greases	50	MT	2.70
137	Additive	PARABAR 441/BHT/DPBC for Manufacturing of Lube Oil	129	MT	3.05
138	Additive	LZAT3112 and equivalent grade For manufacturing of Lube Oil	140	MT	6.05
139	Microsoft Enterprise Agreement	Specialised Software services and their AMC (Microsoft Enterprise Agreement)	1	Lumpsum	55.65
140	Food Grade Hexane (other hydrocarbon )	Food Grade Hexane (other hydrocarbon )	10	TMT	60.00
141	2ETHYL HEXANOIC ACID (Antistatic Additive)	2ETHYL HEXANOIC ACID (Antistatic Additive)	900	MT	10.00
142	MTO (other hydrocarbon )	Mineral Turpentine Oil (other hydrocarbon )	30	TMT	150.00
143	Off gas drier adsorbent in Naptha Isomarization Unit (NIU)	14.3 m3 of Off-gas drier adsorbents and 0.83 m3 of Inert balls used in C5/C6 Naphtha Isomerisation unit Off Gas Dryer vessels to remove moisture from scrubber off-gases to prevent condensation in downstream LPG recovery section	14.3 + 0.83	CUBIC METER	0.33

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
144	SPM-FLOATING HOSE	1. 24 inch First off buoy hose 2. 24 inch Mainline Hose 3. 24 inch x 16 inch taper bore hose 4. 16 inch tail hose 5. 16 inch tanker rail hose	10	Nos.	3.9
145	SPM-MOORING HAWSER	18 inches Circumference, 55 meters Length (unstretched, In-Use), Circular Branded Nylon material, Type Single, Minimum New Wet Breaking Strength 4513 kN	4	Nos.	0.56
146	SPM-EXPANSION JOINT	24 inch expansion joint for SPM	1	Nos.	0.16
147	IT Networking equipments	L2 / L3 Switches, Routers, Wireless AP's, Wireless Controller, VC End Points	550	No.	8.00
148	Drag Reducing Agent (DRA)	DRA is an additive used for online dosing in cross country pipeline for enhancing flow rate during transportation of petroleum / refined petro products	360	Kilo Liters (KL)	12.00

**Name of the Organization: HINDUSTAN PETROLEUM CORPORATION LIMITED**

Website link- <https://www.hindustanpetroleum.com/TendersAndContracts>

**Ministry Department- Ministry of Petroleum and Natural Gas**

**Financial Year : 2022-23**

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
1	Motors	3 phase Induction motors with FLP enclosure rating varying from 7.5 kw to 450 kw	5	Nos.	0.80
2	Electrical panel and Components	22kv, 6.6 kv, 3.3 kv and 415 v switchboard with incomer, motor, transformer and spare feeder	50	Nos.	8.05
3	Compressors and Spares	KW rating 13.9 to 3030 , Spares-Magnum Valve Discharge/Shoes Thrust Main Bearing/ Shell Main Bearing/ Shims for Bearing Clearance Adjustment/ Seal Oil/ Ring Oil ETC	435	Nos.	64.30
4	Pump and pump spares	Flow 5m <sup>3</sup> /hr to 2500 m <sup>3</sup> /hr, Spares-Impeller/ Diffuser/ Case Wearing/ Diffuser Wearing/ Impeller wearing/ Balance wearing/ Locknut/ Shaft/ Bearing Space Sleeve/ Inter stage sleeve ETC	1551	Nos.	17.25
5	Gas Turbine Generator Spares	Frame 5, Spares-Liner Bearing, Seal Air, Stationary Oil Bearing, Deflector Oil Bearing, Hexagon Nut, Stud-Body Bound/ Twelve Point Head Bolt/ Gear IGV/ Spring Leaf/ Bushing Du/ Bushing/ Tubing Spacer/ Washer Plain Wide/ Thrust Washer/ Washer Disc Spring/ Fuel Nozzle Assy/ Transition Piece Assy/ Cap Liner Assy ETC	35	Nos.	2.10
6	Turbine and Spares	Rating-45 KW, Spares-Kit Drive Bearing/ Kit Govt End Bearing/ Carbong Ring Kit/ Ring Oil/ Gasket Casing/ Cover/ Collar Assy Set/ Kit Connecting Road ETC	1	Nos.	2.50
7	Replacement of P3206 and P4201	New pump in HC service having flow upto 45 m <sup>3</sup> /hr	4	Nos.	1.10

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
8	Heat Exchanger and Components	Channel, Channel Cover, FTS Cover of metallurgy CS with SDSS/Monel cladding of sizes varying from 500mm dia to 2000 mm dia, SDSS(UNS 32750)/ Titanium (SB338 Gr.2) tubes of dia 19.05 mm, Channel, Channel Cover ETC Fabrication as per relevant ASME Section VIII, Div.1/TEMA, Class-R Specifications.	36	Nos.	9.88
9	Air Fin Coolers	CS, SS Tubes, Alloy Tubes Air Fin Cooler Assembly	1	Nos.	11.38
10	Filters	Autoback wash filter, coalescers of Polypropylene, Glass Fibre, Cotton Wound material (Filtration Rating: 5 Micron to 40 micron)	2	Nos.	0.40
11	IT equipments and computers	L2, L3 Switches ,WiFi Access points , Out door AP's , Software solutions - NMS Tools , Router (WAN) for Jawar Deep and IT Cartridges	2086	Nos.	2.95
12	Lab Equipment	Ice Machine-Lab Equipment for preparation of ice cubes for cooling of CFR Engines and for cooling in various temperature bath/ Glassware-laboratory apparatus like Viscometers, Distillation flasks, Pipettes, Burettes, Beakers, Separating funnels etc	6	Lots	2.68
13	Analyzers (Process/stack)	Process analyzers	2	Nos.	1.50
14	Surface Grinding Machine	A Heavy duty surface grinding machines (~ 2 HP, 2800 rpm), having work surface table of ~1 ft x 2 ft, ~ 1 feet wheel height, Electric Motor Operated	1	Nos.	0.24
15	Milling Machine Machine	Universal Milling Machine with cross movemtn of ~230 mm and vertical movemtn of ~ 450 mm, Electrical Motor Operated.	1	Nos.	0.30
16	CTR Tools Optimizers	Tool Optimiser to cater the storage of small and medium size workshop tools such as drills, reamsers, spindles, torquing tools (Size; 6 ft long , 6 ft height having multiple heavy duty racks)	6	Nos.	0.84
17	Vehicles	A 4 wheel drive, diesel engine, open door type, Non-AC type, Manual Gear, Non-metallic roof type.	5	Nos.	0.35
18	Vehicles	A 4 wheel drive, diesel engine, close door type, Non-AC type, Manual Gear, Power steering.	4	Nos.	0.40

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
19	Balancing Machine	H6UB and H20BU balancing Machine with CAB 706 Control panel along with all auxillaries	1	Nos.	0.65
20	DHDS feed filter	DHDS feed filter	1	LS	1.50
21	DHT feed filter	1 lot (FCCU 1 MAB, CAB and WGC)	1	LOT	0.50
22	Safety Items - 7 sets. (DCP-500 Nos., Turbo pumps - 6 Nos., Transportable multigas area monitors - 10 Nos. Detectors, Portable Multigas detectors - 25 Nos., IR detectors - 3 Nos., Radiation Survey meters- 5 Nos. Remote controlled foam tender Monitors - 2 Nos.)	10", 14", 18", 20", 24" Carbon Steel Plug Valves	36	Nos.	2.00
23	Sulphur Analyzers - 2 Sets DHT - 1 No. DHDS- 1 No.	Carbon Steel Pipes/Flanges/Elbow/Fittings	600	KG	3.00
24	Vehicle	Clampon Corrosion Sensors based UT probes	20	Nos.	2.00
25	Plate Heat Exchangers at VR	Conversion of manual P&ID to Smart P&ID by linking technical details	800	Nos.	2.00
26	12C01 Column internals	Conversion of Turbine to Motor (700KW)	2	Set	14.00
27	Lifts for buildings at VR	GI Lighting Poles with power cabling for illumination (3000 Lumens)	175	Nos.	1.00
28	Immersive training simulators	16" Mechanical Loading Arms to receive/Ship crude at wharf	4	Nos.	40.00
29	Mainline Pumps (with HT motor and Variable Frequency Drive)	Multistage Horizontal Type, Centrifugal Pump suitable for Flammable/Explosive Environment, Discharge Pressure: 93 - 98 Kg/cm <sup>2</sup> , Flow Rate: 200 - 250 m <sup>3</sup> /hr, Suction/Discharge Line 150#/900#; With Temperature (Duplex RTD) & Vibration Monitoring, Speed Measurement; Design Code: API 610	4	Nos.	40.00

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
30	Booster Pumps	Vertically Submerged, Centrifugal Pump suitable for Flammable/Explosive Environment, Discharge Pressure: 5 - 8 Kg/cm <sup>2</sup> , Flow Rate: 200 - 250 m <sup>3</sup> /hr, Suction/Discharge Line 150#/150#; With temperature & vibration transmitter; Design Code: API 610, API 671	4	Nos.	6.00
31	Sump Pumps	Submerged Impeller, Centrifugal Pump, Discharge Pressure: 5 - 8 Kg/cm <sup>2</sup> , Flow Rate: 15 - 35 m <sup>3</sup> /hr, Suction/Discharge Line 150#/150#; Design Code: API 610	8	Nos.	1.12
32	EOT Crane	Capacity of 10 - 20 Ton suitable for Flammable/Explosive Environment (Hazardous Area Zone 2, Gas Group IIA & IIB and Temperature Class- T3 and explosive protection Ex 'd'); 17.5M Span ,7.5 M Height of Lift, 70 m Lt Travel, Double Girder Electrically Operated; M5 (Class II), Indoor operation as per IS 3177 ,IS 807 latest addition;	2	Nos.	1.40

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
33	Valves (8" & above)	<p>Globe Valve: CS, Flange, 150#/600#/900#, Inductive Proximity Type, IP65, PESO &amp; BS EN 10204 3.1 Certified; Design Code API-602, API 623, ASTM 216 Gr</p> <p>Gate Valve: CS, Flange, 150#/900#, Design Code - API 602, Certification - PESO &amp; BS EN 10204 3.1, Test Standard 598</p> <p>Ball Valve: CS, Flange, 300#/600#/900#, ASTM A216 Grade, Design Code - API 6D, IP65, PESO Certified &amp; BS EN 10204 3.1; Design as per ASME B16.10/ API 609, PESO Certified, IP65;</p> <p>Check Valve: CS, 300#/600#/900#, Design Code - ASTM A216 Gr., API 594</p> <p>DIBV: CS, 300#/600#/900#, Design Code - ASTM A216 Gr., API 6D, IP65, BS EN 10204 3.1</p> <p>DBBV (Gate/Plug): CS, 150#/300#/900#, Connecting Pipe Design Pr. 19 - 49 Kg/cm<sup>2</sup></p> <p>Triple Butterfly Valve: 150#/900#, Design Standard API 609, Connecting Pipe Pr. 19 - 49 Kg/cm<sup>2</sup></p>	78	Nos.	15.60
34	Control Valve	600#/900# Flanged Control Valve, Rated Flow: 300 - 1280 m <sup>3</sup> /hr; Inlet Pressure 100 - 103 Kg/cm <sup>2</sup> & Pressure Drop 0.75 - 85 Kg/cm <sup>2</sup> ; IP 65 / EEx-'d'; Local LCD Display; Design Code BS 1873, ASME 16.10, ASME 16.34;	5	Nos.	3.00
35	DG Set	Rating 25KVA to 350 KVA; Self excited internal combustion engine with acoustic enclosure; Light-cum-Surge Arrestor	5	Nos.	1.00
36	Fire Water Pump	Single Stage, Horizontal Type; Electrical Area Classification as Non Hazardous, Safe; Discharge Pressure 10kg/cm <sup>2</sup> ; Differential Head 90m; Flow Rate 250 - 700 KL/hr; Suction/Discharge Lines: 150#/150#;	9	Nos.	2.81

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
37	Booster Compressor (250-400 SCMH)	Electric Motor Driven Hydraulic Booster Compressor of min 450 or 250 SCMH flow capacity for suction pr range of 30-200 kg/cm <sup>2</sup> and discharge pressure of 250 Kg/cm <sup>2</sup>	60	Nos.	36.82
38	Double nozzle CBG dispenser	Double Arm CNG / CBG Dispensers with >= 15 Kg/min flow capacity	60	Nos.	6.96
39	Stationary cascade (3000 WL ~300 kg)	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	60	Nos.	10.80
40	Gas Analyser	On line Gas Analyser for ascertaining composition of CBG at Retail Outlets	60	Nos.	3.60
41	S S TANK (22/35 KL)	MS STEEL TANKS OF 22 & 35 KL	120	Nos.	5.20
42	AUTOMATION	LOGING OF RECEIPT & DISCHARGE AT CONSUMER PUMP	18	Nos.	0.90
43	Kettles	Application;;For Lube, Viscosity Range - 10cST-500cST, Pressure - Atmospheric & pressurized as per applicable application Heat system ; Steam & Thermic Fluid Heating stirrer veins, Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)..	4	Nos.	2.80
44	Filling Machine	Fillinf Speed - 760 pail/hour or more. Application - Lube Oil (Viscosity - 10cST- 500 cST). Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)	2	Nos.	0.60
45	Pumps	Type - Twin Screw. Lube Application, Viscosity Range - 10cST-500cST, 1500lpm / pressure regulators Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)	10	Nos.	0.25
46	NAS Filtration	MOC of filtration Unit - SS, Filtration with 2micron, 4 micron & 5 micorn cartridges	3	Nos.	0.60
47	Drum Decanting Unit	Heating - 80 c and decanting high viscosity additives 20-50plm	3	Nos.	0.60
48	Aircraft Refueller	Design, Fabrication of Equipment under third party inspection, Testing and commissioning of Various Capacity Aircraft Refuellers, as per approved Drawings, QAP and Specifications	10	Nos.	15.40

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
49	Bunded Tank	Design, Fabrication of Equipment under third party inspection, Testing and commissioning of 30 KL Self Bunded Tank Facility for Aviation use, as per approved Drawings, QAP and Specifications	2	Nos.	2.20
50	Aviation Filters	Aviation Filters conforming to EI 1581 and EI 1583 latest specification	1874	Nos.	1.17
51	Aviation Hoses	Aviation Hose meeting EI 1529 Latest specifications	110	Nos.	0.66
52	DG Sets	Diesel Generator set ranging from 60 KW to 1000 KW	1	Nos.	0.30
53	Fire Engines	Diesel Driven Fire Engine Pumps ranging from 45 KW to 500 KW and 410KL/Hr to 760KL/Hr pump capacity	5	Nos.	1.00
54	Pumps	FLP Centrifugal Pump ranging from 25 KW to 150 KW for handling Petroleum Products	9	Nos.	1.17
55	CNG Dispensers	Double Arm CNG Dispensers with >= 15 Kg/min flow capacity	130	Nos.	17.18
56	CNG Cascades	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	195	Nos.	50.46
57	CNG Compressors-Booster	Electric Motor Driven Hydraulic Booster Compressor of min 450 or 250 SCMh flow capacity for suction pr range of 30-200 kg/cm <sup>2</sup> and discharge pressure of 250 Kg/cm <sup>2</sup>	78	Nos.	58.31
58	CNG Compressors-GED	Gas Engine Driven CNG Compressors of 1200 SCMh flow capacity	13	Nos.	22.43
59	CNG Compressors-EMD	Electric Motor Driven CNG Compressors of 1200 SCMh Capacity	13	Nos.	16.45
60	CNG Compressors-VIP	Variable Input Suction Pressure compressors of 600 SCMh flow capacity	26	Nos.	29.90
61	SS Tubings	Seamless Stainless Steel tubings fully annealed of 3/4" and 1/2" sizes	32500	Meters	22.43
62	Domestic Meters	Domestic Diaphragm Natural Gas Meters G1.6 for Domestic PNG connections	301600	Nos.	52.03
63	Regulators	Regulators for Domestic/ Commercial/ Industrial connections	301600	Nos.	26.01
64	DCU	De-Compression unit of 450 SCMh capacity with inlet pr of 250 bar and outlet pr of 4 bar	10	Nos.	4.04
65	DRS	District Regulatory Skid Stations of 2500 SCMh capacity	15	Nos.	5.92

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
66	MDPE Pipes	Medium Density PE 80/100 pipes of various sizes	4826	Kilometers	222.00
67	Carbon Steel Pipes	Carbon Steel 3LPE X52 5L pipes of various sizes	317	Kilometers	24.30
68	Additive	LZ16005/OLOA8888/ ALTERNATE for Manufacturing of Engine Oil	1450	MT	27.10
69	Additive	LZ3700D/LZ 8688/ALTERNATE for Manufacturing of Engine Oil	1625	MT	25.04
70	Additive	LZ3587/HITEC1272 S/ALTERNATE Manufacturing of Engine Oil	115	MT	2.31
71	Additive	LZCV3103/HITEC 1272S/ALTERNATE Manufacturing of Engine Oil	415	MT	6.32
72	Additive	LZ1040A/ALTERNATE Manufacturing of EP grade Gear Oil	315	MT	8.94
73	Additive	LZ1040A/ALTERNATE Manufacturing of XP grade Gear Oil	85	MT	2.45
74	Additive	OLOA22045/ALTERNATE Manufacturing of 4 stroke engine oil	2335	MT	42.09
75	Additive	LZFC7040/OLOA 22045/ALTERNATE Manufacturing of 4 stroke engine oil	1845	MT	34.21
76	Additive	LZCV7540/ALTERNATE Manufacturing of Diesel Engine Oil	875	MT	17.39
77	Additive	InfineumS911/ALTERNATE Manufacturing of 2 stroke Engine Oil	195	MT	5.46
78	Additive	LZCV2301/ALTERNATE Manufacturing of Turbo Diesel Engine Oil	400	MT	5.97
79	Additive	OLOA59054/ALTERNATE Manufacturing of Multigrade Engine Oil	120	MT	2.35
80	Additive	OLOA 1255Z/ALTERNATE Manufacturing of Engine Oil	10.8566325	MT	0.31
81	Additive	LZPV9131/ALTERNATE Manufacturing of synthetic grade Engine Oil	113.594906	MT	3.65
82	Additive	LZ760C/ALTERNATE Manufacturing of Industrial Lube Oil	125.0235	MT	2.28
83	Additive	Supertran i/r MONO	127.575	MT	2.74

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
84	Additive	SA300/ALTERNATE Additive for antirust in Lube Oil	24.276	MT	1.46
85	Additive	LZ677A/ALTERNATE Additive for anti wear in lube oil	378.84	MT	12.05
86	Additive	LZ5703/HITEC 521/Alternate Manufacturing compressor oil	53.892867	MT	1.86
87	Additive	LZ5047/ALTERNATE Used for manufacturing Lube Oil	93.2363775	MT	3.71
88	Additive	BA55/ALTERNATE Aditive for Corrosion inhibitor	15.4171836	MT	0.93
89	Additive	LZFC8270BX/Alternate Manufacturing of 2 wheeler engine oil	907.2	MT	39.10
90	Additive	OLOA2000/Alternate Manufacturing of Rail Road Engine Oil	454.734	MT	11.37
91	Additive	Paratone8015/alternate Manufacturing of Rail Road Engine Oil	152.334	MT	3.81
92	Additive	LZ5940/ALTERNATE Manufacturing of heat transmission Oil	73.06551	MT	1.96
93	Additive	LZ9990A/Alternate Manufacturing of Gear Oil	170.1	MT	7.84
94	Additive	LZ5941/Alternate Manufacturing of quenching Oil	10.99602	MT	0.48
95	Additive	Hitec 5708/ALTERNATE Manufacturing of Gearoil	84	MT	1.64
96	Additive	ADCOEP52/ALTERNATE Lube oil for Textile Millls	10.5	MT	0.68
97	Additive	RC3760/ALTERNATE Lube oil for Textile Millls	61.95	MT	5.77
98	Additive	OLOA 59211/Alternate Manufacturing of Engine Oil	440.37	MT	8.59
99	Additive	Anglamol 99,LZ 6178/Alternate Manufacturing of Gear Oil	21.735	MT	0.96
100	Additive	TALUMARB215, MAR501 S/Alternate Manufacturing of Marine grades.	10.5	MT	0.47

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
101	Additive	Anglamol6044BB/Alternate Manufacturing of Greases	10.5	MT	0.50
102	Additive	Anglamol 6043/Alternate Manufacturing of Gear Oil	10.5	MT	0.46
103	Additive	LZCV7530/Alternate Manufacturing of Diesel Engine Oil.	1280	MT	26.00
104	Additive	OLOA1255/Alternate Manufacturing of Lube Oil for CNG vehicles.	11.34	MT	0.69
105	Base Oil	GRIII4cST Manufacturing of Synthetic Engine Oil	580	MT	7.26
106	Base Oil	GRIII6cST Manufacturing of Synthetic Engine Oil	29.8158	MT	0.43
107	Base Oil	GRIII8cST Manufacturing of Synthetic Engine Oil	2945	MT	33.58
108	Additive	PAO10/ Alternate Manufacturing of Synthetic Lube Grades.	21	MT	0.63
109	Additive	PAO 100/ Alternate Manufacturing of Synthetic Lube Grades.	31.5	MT	1.08
110	Additive	PAO6/ Alternate Manufacturing of Synthetic Lube Grades.	52.5	MT	1.58
111	Base Oil ( WHITE OIL)	WHITE OIL For manufacturing of Lube Oil	2785	MT	15.90
112	Additive	LZ3702/alternate For manufacturing Gear Oil	161.7	MT	6.30
113	Additive	LZ9151/alternate For manufacturing Bajaj Grade Lube Oil	1080	MT	44.10
114	Additive	RC8239/ALTERNATE Manufacturing of Shock absorber Oil grades	6.3	MT	0.42
115	Additive	LZ5172/Alternate Anti Emulsion	2.5	MT	0.50
116	Additive	LZ889D/Alternate Anti Foaming	2.5	MT	0.30
117	Additive	HITEC 8705/ALTERNATE Manufacturing of Lube Oil	130	MT	4.50

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
118	Additive	LZ7065CA/Paratone8910/ Hitec5835H/ OCPJ0030 and Lubimax 5835 for manufacturing of PBO	1360	MT	30.00
119	Additive	LZ7067C for manufacturing of PBO Super	294	MT	12.00
120	Additive	ELCO313/ LZ 5340/LZ 5346/Addco Sw2/Hitec 561 for manufacturing of Waylube Grades.	13	MT	1.50
121	Additive	Lithium Hydroxide for Manufacturing Greases	52	MT	3.00
122	Additive	PARABAR 441/BHT/DPBC for Manufacturing of Lube Oil	135	MT	3.20
123	Additive	LZAT3112 and equivalent grade For manufacturing of Lube Oil	145	MT	6.30
124	Food Grade Hexane (other hydrocarbon )	Food Grade Hexane (other hydrocarbon )	10	TMT	64.00
125	2ETHYL HEXANOIC ACID (Antistatic Additive)	2ETHYL HEXANOIC ACID (Antistatic Additive)	900	MT	10.70
126	MTO (other hydrocarbon )	Mineral Turpentine Oil (other hydrocarbon )	30	TMT	160.50
127	SPM-FLOATING HOSE	1. 24 inch First off buoy hose 2. 24 inch Mainline Hose 3. 24 inch x 16 inch taper bore hose 4. 16 inch tail hose 5. 16 inch tanker rail hose	46	Nos.	22.75
128	SPM-MOORING HAWSER	18 inches Circumference, 55 meters Length (unstretched, In-Use), Circular Branded Nylon material, Type Single, Minimum New Wet Breaking Strength 4513 kN	2	Nos.	0.28
129	IT Networking equipments	Routers, IP Phones, VC End Points	450	No.	5.00
130	Drag Reducing Agent (DRA)	DRA is an additive used for online dosing in cross country pipeline for enhancing flow rate during transportation of petroleum / refined petro products	360	Kilo Liters (KL)	12.00

**Name of the Organization: HINDUSTAN PETROLEUM CORPORATION LIMITED**

Website link- <https://www.hindustanpetroleum.com/TendersAndContracts>

**Ministry Department- Ministry of Petroleum and Natural Gas**

**Financial Year : 2023-24**

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
1	Motors	3 phase Induction motors with FLP enclosre rating varying from 7.5 kw to 450 kw	1	Nos	3.00
2	Electrical panel and Components	22kv, 6.6 kv, 3.3 kv and 415 v switchboard with incomer, motor, transformer and spare feeder	3	Nos	5.85
3	Procurement of 33 kv Cable	Material- Aluminum Cable of 3 Core	8	Nos	7.50
4	Compressors and Spares	KW rating 13.9 to 3030 , Spares-Magnum Valve Discharge/Shoes Thrust Main Bearing/ Shell Main Bearing/ Shims for Bearing Clearance Adjustment/ Seal Oil/ Ring Oil ETC	300	Nos	2.50
5	Pump and pump spares	Flow 5m3/hr to 2500 m3/hr, Spares-Impeller/ Diffuser/ Case Wearing/ Diffuser Wearing/ Impleller wearing/ Balance wearing/ Locknut/ Shaft/ Bearing Space Sleeve/ Inter stage sleeve ETC	1553	Nos	27.75
6	Heat Exchangerand Components	Channel,Channel Cover,FTS Cover of metallurgy CS with SDSS/Monel cladding of sizes varying from 500mm dia to 2000 mm dia, SDSS(UNS 32750)/ Titanium (SB338 Gr.2) tubes of dia 19.05 mm, Channel, Channel Cover ETC Fabrication as per relevant ASME Section VIII, Div.1/TEMA, Class-R Specifications.	49	Nos	12.31

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
7	Filters	Autoback wash filter, coalescers of Polypropylene, Glass Fibre,Cotton Wound material (Filtration Rating: 5 Micron to 40 micron)	2	Nos	2.50
8	Furnace Spares	Furnace Tubes of metallurgy A376 TP347H,TP321 & A335 P5,P9 with return Bends of Size 3",4",6" and 8" (Tube Lengths 4m to 9m.), Burner Main and Pilot Gas Tips of SS310 metallurgy, Risers, Regen tile and Burner Tile	2	Lots	1.00
9	IT equipments and computers	L2, L3 Switches ,WiFi Access points , Out door AP's , Software solutions - NMS Tools , Router (WAN) for Jawar Deep and IT Cartridges	2170	Nos	1.87
10	Lab Equipment	Ice Machine-Lab Equipment for preparation of ice cubes for cooling of CFR Engines and for cooling in various temperature bath/ Glassware-aboratory apparatus like Viscometers,Distillation flasks, Pipettes, Burettes, Beakers, Separating funnels etc	5	Lots	3.03
11	Distributed Control System	DCS/PLC electronic cards and components	3	Nos	6.00
12	Analyzers (Process/stack)	Process Analyzers	2	Nos	1.50
13	Vehicles	A 4 wheel drive, diesel engine, open door type, Non-AC type, Manual Gear, Non-metallic roof type.	5	Nos	0.35
14	Vehicles	A 4 wheel drive, diesel engine, close door type, Non-AC type, Manual Gear, Power steering.	4	Nos	0.40
15	Cooling Tower Pumps	Horizontal Centrifugal pump with between bearing design with 56.6 m head and 3500m3/hr Flow	1	Nos	1.35
16	DHDS RGC Motor, VFD replacement with DOL	Carbon Steel Pipes/Flanges/Elbow/Fittings	600	KG	3.00
17	Hotwell drum for CDU-II	Carbon Steel Pipes/Flanges/Elbow/Fittings	600	KG	3.00
18	12C01 Column internals	Tailor made Mechanical Basket for holding catalyst at top bed of the reactor	1	Set	3.50
19	Carosuel & Downstram Equipment	24 HEAD ELECTRONIC CAROUSEL, CAP:1500 CYL/HR, FOR MIXED LOAD OF 14.2 KG AND 19 KG CYLINDER. DOWNSTREAM EQUIPMENT INCLUDING ELECTRONIC CHECK SCALE, ELECTRONIC LEAK DETECTOR & O RING LEAK DETECTOR WITH THE CAPACITY OF 2200 CYL/HR.	2	Nos	6.00

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
20	Booster Compressor (250-400 SCM)	Electric Motor Driven Hydraulic Booster Compressor of min 450 or 250 SCM flow capacity for suction pr range of 30-200 kg/cm <sup>2</sup> and discharge pressure of 250 Kg/cm <sup>2</sup>	110	Nos	67.50
21	Double nozzle CBG dispenser	Double Arm CNG / CBG Dispensers with >= 15 Kg/min flow capacity	110	Nos	12.76
22	Stationary cascade (3000 WL - 300 kg)	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	110	Nos	19.80
23	Gas Analyser	On line Gas Analyser for ascertaining composition of CBG at Retail Outlets	110	Nos	6.60
24	DU (Dispensing Units)	MS/HSD dispensing unit 1.5KW	250	Nos	4.70
25	S S TANK (22/35 KL)	MS STEEL TANKS OF 22 & 35 KL	130	Nos	5.75
26	AUTOMATION	LOGING OF RECEIPT & DISCHARGE AT CONSUMER PUMP	19	Nos	0.95
27	Kettles	Application;;For Lube, Viscosity Range - 10cST-500cST, Pressure - Atmospheric & pressurized as per applicable application Heat system ; Steam & Thermic Fluid Heating stirrer veins, Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)..	2	Nos	1.40
28	RPS-FM	Application - For Pick and place of filled bucket and containers with Robotic palletizer. Repeatability of positioning - .5 MM, Compliance and saftey interlocks as per applicable regulatory norms & standards. IP Protection as per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)\	1	Nos	3.50
29	Pumps	Type - Twin Screw. Lube Application, Viscosity Range - 10cST-500cST, 1500lpm / pressure regulators Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)	2	Nos	0.05
30	Aircraft Refueller	Design, Fabrication of Equipment under third party inspection, Testing and commissioning of Various Capacity Aircraft Refuellers, as per approved Drawings, QAP and Specifications	5	Nos	8.50

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
31	Bunded Tank	Design, Fabrication of Equipment under third party inspection, Testing and commissioning of 30 KL Self Bunded Tank Facility for Aviation use, as per approved Drawings, QAP and Specifications	2	Nos	2.42
32	Aviation Filters	Aviation Filters conforming to EI 1581 and EI 1583 latest specifications	1968	Nos	1.23
33	Aviation Hoses	Aviation Hose meeting EI 1529 Latest specifications	116	Nos	0.69
34	CNG Dispensers	Double Arm CNG Dispensers with >= 15 Kg/min flow capacity	130	Nos	17.93
35	CNG Cascades	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	195	Nos	52.65
36	CNG Compressors-Booster	Electric Motor Driven Hydraulic Booster Compressor of min 450 or 250 SCMh flow capacity for suction pr range of 30-200 kg/cm <sup>2</sup> and discharge pressure of 250 Kg/cm <sup>2</sup>	78	Nos	60.84
37	CNG Compressors-GED	Gas Engine Driven CNG Compressors of 1200 SCMh flow capacity	13	Nos	23.40
38	CNG Compressors-EMD	Electric Motor Driven CNG Compressors of 1200 SCMh Capacity	13	Nos	17.16
39	CNG Compressors-VIP	Variable Input Suction Pressure compressors of 600 SCMh flow capacity	26	Nos	31.20
40	SS Tubings	Seamless Stainless Steel tubings fully annealed of 3/4" and 1/2" sizes	32500	Meters	23.40
41	Domestic Meters	Domestic Diaphragm Natural Gas Meters G1.6 for Domestic PNG connections	301600	Nos	54.29
42	Regulators	Regulators for Domestic/ Commercial/ Industrial connections	301600	Nos	27.14
43	DCU	De-Compression unit of 450 SCMh capacity with inlet pr of 250 bar and outlet pr of 4 bar	10	Nos	4.22
44	DRS	District Regulatory Skid Stations of 2500 SCMh capacity	15	Nos	6.17
45	MDPE Pipes	Medium Density PE 80/100 pipes of various sizes	4826	Kilometers	231.65
46	Carbon Steel Pipes	Carbon Steel 3LPE X52 5L pipes of various sizes	297	Kilometers	23.76
47	Additive	LZ16005/OLOA8888/ ALTERNATE for Manufacturing of Engine Oil	1520	MT	28.45

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
48	Additive	LZ3700D/LZ 8688/ALTERNATE for Manufacturing of Engine Oil	1705	MT	26.29
49	Additive	LZ3587/HITEC1272 S/ALTERNATE Manufacturing of Engine Oil	120	MT	2.42
50	Additive	LZCV3103/HITEC 1272S/ALTERNATE Manufacturing of Engine Oil	435	MT	6.64
51	Additive	LZ1040A/ALTERNATE Manufacturing of EP grade Gear Oil	330	MT	9.39
52	Additive	LZ1040A/ALTERNATE Manufacturing of XP grade Gear Oil	90	MT	2.57
53	Additive	OLOA22045/ALTERNATE Manufacturing of 4 stroke engine oil	2450	MT	44.20
54	Additive	LZFC7040/OLOA 22045/ALTERNATE Manufacturing of 4 stroke engine oil	1935	MT	35.92
55	Additive	LZCV7540/ALTERNATE Manufacturing of Diesel Engine Oil	915	MT	18.26
56	Additive	Infineums911/ALTERNATE Manufacturing of 2 stroke Engine Oil	205	MT	5.73
57	Additive	LZCV2301/ALTERNATE Manufacturing of Turbo Diesel Engine Oil	420	MT	6.27
58	Additive	OLOA59054/ALTERNATE Manufacturing of Multigrade Engine Oil	126	MT	2.47
59	Additive	OLOA 1255Z/ALTERNATE Manufacturing of Engine Oil	11	MT	0.33
60	Additive	LZPV9131/ALTERNATE Manufacturing of synthetic grade Engine Oil	119	MT	3.83
61	Additive	LZ760C/ALTERNATE Manufacturing of Industrial Lube Oil	131	MT	2.39
62	Additive	Supertran i/r MONO	134	MT	2.88
63	Additive	SA300/ALTERNATE Additive for antirust in Lube Oil	25	MT	1.53
64	Additive	LZ677A/ALTERNATE Additive for anti wear in lube oil	400	MT	12.65

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometer s/Kg...)	Estimated Value of Procurement (Rs in Cr)
65	Additive	LZ5703/HITEC 521/Alternate Manufacturing compressor oil	57	MT	1.95
66	Additive	LZ5047/ALTERNATE Used for manufacturing Lube Oil	98	MT	3.90
67	Additive	BA55/ALTERNATE Aditive for Corrosion inhibitor	16	MT	0.97
68	Additive	LZFC8270BX/Alternate Manufacturing of 2 wheeler engine oil	950	MT	41.06
69	Additive	OLOA2000/Alternate Manufacturing of Rail Road Engine Oil	475	MT	11.93
70	Additive	Paratone8015/alternate Manufacturing of Rail Road Engine Oil	160	MT	4.00
71	Additive	LZ5940/ALTERNATE Manufacturing of heat transmission Oil	80	MT	2.06
72	Additive	LZ9990A/Alternate Manufacturing of Gear Oil	180	MT	8.23
73	Additive	LZ5941/Alternate Manufacturing of quenching Oil	12	MT	0.51
74	Additive	Hitec 5708/ALTERNATE Manufacturing of Gearoil	88	MT	1.72
75	Additive	ADCOEP52/ALTERNATE Lube oil for Textile Millls	11	MT	0.72
76	Additive	RC3760/ALTERNATE Lube oil for Textile Millls	65	MT	6.06
77	Additive	OLOA 59211/Alternate Manufacturing of Engine Oil	460	MT	9.02
78	Additive	Anglamol 99,LZ 6178/Alternate Manufacturing of Gear Oil	23	MT	1.01
79	Additive	TALUMARB215, MAR501 S/Alternate Manufacturing of Marine grades.	11	MT	0.50
80	Additive	Anglamol6044BB/Alternate Manufacturing of Greases	11	MT	0.53
81	Additive	Anglamol 6043/Alternate Manufacturing of Gear Oil	11	MT	0.49

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
82	Additive	LZCV7530/Alternate Manufacturing of Diesel Engine Oil.	1344	MT	27.30
83	Additive	OLOA1255/Alternate Manufacturing of Lube Oil for CNG vehicles.	12	MT	0.73
84	Base Oil	GRIII4cST Manufacturing of Synthetic Engine Oil	610	MT	7.62
85	Base Oil	GRIII6cST Manufacturing of Synthetic Engine Oil	32	MT	0.45
86	Base Oil	GRIII8cST Manufacturing of Synthetic Engine Oil	3090	MT	35.26
87	Additive	PAO10/ Alternate Manufacturing of Synthetic Lube Grades.	22	MT	0.66
88	Additive	PAO 100/ Alternate Manufacturing of Synthetic Lube Grades.	33	MT	1.14
89	Additive	PAO6/ Alternate Manufacturing of Synthetic Lube Grades.	55	MT	1.65
90	Base Oil ( WHITE OIL)	WHITE OIL For manufacturing of Lube Oil	2920	MT	16.69
91	Additive	LZ3702/alternate For manufacturing Gear Oil	170	MT	6.62
92	Additive	LZ9151/alternate For manufacturing Bajaj Grade Lube Oil	1130	MT	46.31
93	Additive	RC8239/ALTERNATE Manufacturing of Shock absorber Oil grades	7	MT	0.44
94	Additive	LZ5172/Alternate Anti Emulsion	3	MT	0.53
95	Additive	LZ889D/Alternate Anti Foaming	3	MT	0.315
96	Additive	HITEC 8705/ALTERNATE Manufacturing of Lube Oil	140.0	MT	4.60
97	Additive	LZ7065CA/Paratone8910/ Hitec5835H/ OCPJ0030 and Lubimax 5835 for manufacturing of PBO	1380	MT	32.5
98	Additive	LZ7067C for manufacturing of PBO Super	310	MT	12.5

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
99	Additive	ELCO313/ LZ 5340/LZ 5346/Addco Sw2/Hitec 561 for manufacturing of Waylube Grades.	14	MT	1.70
100	Additive	Lithium Hydroxide for Manufacturing Greases	52	MT	3.20
101	Additive	PARABAR 441/BHT/DPBC for Manufacturing of Lube Oil	140	MT	3.32
102	Additive	LZAT3112 and equivalent grade For manufacturing of Lube Oil	150	MT	6.52
103	Food Grade Hexane (other hydrocarbon )	Food Grade Hexane (other hydrocarbon )	10	TMT	69.00
104	2ETHYL HEXANOIC ACID (Antistatic Additive)	2ETHYL HEXANOIC ACID (Antistatic Additive)	900	MT	11.50
105	MTO (other hydrocarbon )	Mineral Turpentine Oil (other hydrocarbon )	30	TMT	171.70
106	Off gas drier adsorbent in Naptha Isomarization Unit (NIU)	14.3 m3 of Off-gas drier adsorbents and 0.83 m3 of Inert balls used in C5/C6 Naphtha Isomerisation unit Off Gas Dryer vessels to remove moisture from scrubber off-gases to prevent condensation in downstream LPG recovery section	14.3 + 0.83	CUBIC METER	0.36
107	SPM-FLOATING HOSE	1. 24 inch First off buoy hose 2. 24 inch Mainline Hose 3. 24 inch x 16 inch taper bore hose 4. 16 inch tail hose 5. 16 inch tanker rail hose	4	Nos	2
108	SPM-MOORING HAWSER	18 inches Circumference, 55 meters Length (unstretched, In-Use), Circular Branded Nylon material, Type Single, Minimum New Wet Breaking Strength 4513 kN	2	Nos	0.28
109	SPM-EXPANSION JOINT	24 inch expansion joint for SPM	2	Nos	0.32
110	IT Networking equipments	L2 / L3 Switches, Wireless AP's	300	No.	4.5
111	Drag Reducing Agent (DRA)	DRA is an additive used for online dosing in cross country pipeline for enhancing flow rate during transportation of petroleum / refined petro products	360	Kilo Liters (KL)	12.00

**Name of the Organization: HINDUSTAN PETROLEUM CORPORATION LIMITED**

Website link- <https://www.hindustanpetroleum.com/TendersAndContracts>

**Ministry Department- Ministry of Petroleum and Natural Gas**

**Financial Year : 2024-25**

<b>Sr No</b>	<b>Description of item</b>	<b>Broad Specification Parameters</b>	<b>Qty</b>	<b>Accounting Unit (Nos/Kilometers/Kg...)</b>	<b>Estimated Value of Procurement (Rs in Cr)</b>
1	Electrical panel and Components	22kv, 6.6 kv, 3.3 kv and 415 v switchboard with incomer, motor, transformer and spare feeder	46	No.	5.70
2	Compressors and Spares	KW rating 13.9 to 3030 , Spares-Magnum Valve Discharge/Shoes Thrust Main Bearing/ Shell Main Bearing/ Shims for Bearing Clearance Adjustment/ Seal Oil/ Ring Oil ETC	504	No.	6.90
3	Pump and pump spares	Flow 5m <sup>3</sup> /hr to 2500 m <sup>3</sup> /hr, Spares-Impeller/ Diffuser/ Case Wearing/ Diffuser Wearing/ Impleller wearing/ Balance wearing/ Locknut/ Shaft/ Bearing Space Sleeve/ Inter stage sleeve ETC	1550	No.	18.50
4	Gas Turbine Generator Spares	Frame 5, Spares-Liner Bearing, Seal Air, Stationary Oil Bearing, Deflector Oil Bearing, Hexagon Nut, Stud-Body Bound/ Twelve Point Head Bolt/ Gear IGV/ Spring Leaf/ Bushing Du/ Bushing ETC	35	No.	2.50

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
5	Heat Exchanger and Components	Channel,Channel Cover,FTS Cover of metallurgy CS with SDSS/Monel cladding of sizes varying from 500mm dia to 2000 mm dia, SDSS(UNS 32750)/ Titanium (SB338 Gr.2) tubes of dia 19.05 mm, Channel, Channel Cover, FTS Cover of CS metallurgy with/without Monel cladding and DSS metallurgy of sizes varying from 500mm dia to 1800 mm dia. Tube bundles with Tubesheet metallurgy of CS/DSS/Monel and CS/SDSS/DSS/Titanium/Cu-Ni tubes. Fabrication as per relevant ASME Section VIII, Div.1/TEMA, Class-R Specifications.	59	No.	15.91
6	Filters	Autoback wash filter, coalescers of Polypropylene, Glass Fibre,Cotton Wound material (Filtration Rating: 5 Micron to 40 micron)	1	No.	3.00
7	Furnace Spares	Furnace Tubes of metallurgy A376 TP347H,TP321 & A335 P5,P9 with return Bends of Size 3",4",6" and 8" (Tube Lengths 4m to 9m.), Burner Main and Pilot Gas Tips of SS310 metallurgy, Risers, Regen tile and Burner Tile	2	Lot	1.00
8	IT equipments and computers	L2, L3 Switches (Make-Cisco, HP, Hitachi), IT Cartridges (Make-HP, Samsung) and Servers (HP, DELL, CISCO)	2060	No.	2.30
9	Lab Equipment	Glassware-laboratory apparatus like Viscometers,Distillation flasks, Pipettes, Burettes, Beakers, Separating funnels etc	5	No.	4.48
10	Distributed Control System	DCS/PLC electronic cards and components	4	No.	8.00
11	Analyzers (Process/stack)	Process Analyzers	2	No.	1.50
12	Horizontal Boring Machine	A horizontal boring machine with ~ 100 mm spindle diameter and maximum 1100 Nm	1	Nos	6.40
13	Vertical Lathe	Vertical lathe with turning diameter > 1100 mm and working height > 600 mm	1	Nos	3.70
14	Vehicles	A 4 wheel drive, diesel engine, open door type, Non-AC type, Manual Gear, Non-metallic roof type.	5	Nos	0.35
15	Vehicles	A 4 wheel drive, diesel engine, close door type, Non-AC type, Manual Gear, Power steering.	4	Nos	0.40

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
16	Machine Monitoring system (spare probes, proximeters, monitoring system electronics, etc)	Carbon Steel Pipes/Flanges/Elbow/Fittings	600	KG	3.00
17	Booster Compressor (250-400 SCMH)	Electric Motor Driven Hydraulic Booster Compressor of min 450 or 250 SCMH flow capacity for suction pr range of 30-200 kg/cm <sup>2</sup> and discharge pressure of 250 Kg/cm <sup>2</sup>	200	Nos	122.72
18	Double nozzle CBG dispenser	Double Arm CNG / CBG Dispensers with >= 15 Kg/min flow capacity	200	Nos	23.20
19	Stationary cascade (3000 WL ~ 300 kg)	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	200	Nos	36.00
20	Gas Analyser	On line Gas Analyser for ascertaining composition of CBG at Retail Outlets	200	Nos	12.00
21	S S TANK (22/35 KL)	MS STEEL TANKS OF 22 & 35 KL	140	Nos	6.30
22	AUTOMATION	LOGING OF RECEIPT & DISCHARGE AT CONSUMER PUMP	20	Nos	1.00
23	Kettles	Application;;For Lube, Viscosity Range - 10cST-500cST, Pressure - Atmospheric & pressurized as per applicable application Heat system ; Steam & Thermic Fluid Heating stirrer veins, Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)..	10	Nos	7.00
24	Filling Machine	Filling Speed - 760 - 1000 pail/hour . Application - Lube Oil (Viscosity - 10cST- 500 cST). Linear / Rotary; Sensors; Compliance to applicable regulatory norms and standard. IP Protecion - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)	20	Nos	14.00

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
25	RPS-FM	Application - For Pick and place of filled bucket and containers with Robotic palletizer. Repeatability of positioning - .5 MM, Compliance and safety interlocks as per applicable regulatory norms & standards. IP Protection as per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)\	2	Nos	7.00
26	Pumps	Type - Twin Screw. Lube Application, Viscosity Range - 10cST-500cST, 1500lpm / pressure regulators Compliance to applicable regulatory norms and standard. IP Protection - As per location (i.e. Mumbai, Silvassa, Chennai & Kolkata)	120	Nos	3.00
27	NAS Filtration	MOC of filtration Unit - SS, Filtration with 2micron, 4 micron & 5 micron cartridges	3	Nos	0.60
28	Drum Decanting Unit	Heating - 80 c and decanting high viscosity additives 20-50plm	3	Nos	0.60
29	Aircraft Refueller	Design, Fabrication of Equipment under third party inspection, Testing and commissioning of Various Capacity Aircraft Refuellers, as per approved Drawings, QAP and Specifications	25	Nos	47.50
30	Bunded Tank	Design, Fabrication of Equipment under third party inspection, Testing and commissioning of 30 KL Self Bunded Tank Facility for Aviation use, as per approved Drawings, QAP and Specifications	2	Nos	2.66
31	Aviation Filters	Aviation Filters conforming to EI 1581 and EI 1583 latest specification	2066	Nos	1.29
32	Aviation Hoses	Aviation Hose meeting EI 1529 Latest specifications	121	Nos	0.73
33	CNG Dispensers	Double Arm CNG Dispensers with >= 15 Kg/min flow capacity	130	Numbers	18.67
34	CNG Cascades	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	195	Numbers	54.84
35	CNG Compressors-Booster	Electric Motor Driven Hydraulic Booster Compressor of min 450 or 250 SCMH flow capacity for suction pr range of 30-200 kg/cm <sup>2</sup> and discharge pressure of 250 Kg/cm <sup>2</sup>	78	Numbers	63.38

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
36	CNG Compressors-GED	Gas Engine Driven CNG Compressors of 1200 SCMh flow capacity	13	Numbers	24.38
37	CNG Compressors-EMD	Electric Motor Driven CNG Compressors of 1200 SCMh Capacity	13	Numbers	17.88
38	CNG Compressors-VIP	Variable Input Suction Pressure compressors of 600 SCMh flow capacity	26	Numbers	32.50
39	SS Tubings	Seamless Stainless Steel tubings fully annealed of 3/4" and 1/2" sizes	32500	Meters	24.38
40	Domestic Meters	Domestic Diaphragm Natural Gas Meters G1.6 for Domestic PNG connections	311400	Numbers	58.39
41	Regulators	Regulators for Domestic/ Commercial/ Industrial connections	311400	Numbers	29.19
42	DCU	De-Compression unit of 450 SCMh capacity with inlet pr of 250 bar and outlet pr of 4 bar	10	Numbers	4.40
43	DRS	District Regulatory Skid Stations of 2500 SCMh capacity	16	Numbers	6.86
44	MDPE Pipes	Medium Density PE 80/100 pipes of various sizes	4982	Kilometers	249.10
45	Carbon Steel Pipes	Carbon Steel 3LPE X52 5L pipes of various sizes	158	Kilometers	13.17
46	Additive	LZ16005/OLOA8888/ ALTERNATE for Manufacturing of Engine Oil	1590	MT	29.88
47	Additive	LZ3700D/LZ 8688/ALTERNATE for Manufacturing of Engine Oil	1790.25	MT	27.61
48	Additive	LZ3587/HITEC1272 S/ALTERNATE Manufacturing of Engine Oil	125	MT	2.54
49	Additive	LZCV3103/HITEC 1272S/ALTERNATE Manufacturing of Engine Oil	450	MT	6.97
50	Additive	LZ1040A/ALTERNATE Manufacturing of EP grade Gear Oil	345	MT	9.86
51	Additive	LZ1040A/ALTERNATE Manufacturing of XP grade Gear Oil	94.5	MT	2.70
52	Additive	OLOA22045/ALTERNATE Manufacturing of 4 stroke engine oil	2570	MT	46.41
53	Additive	LZFC7040/OLOA 22045/ALTERNATE Manufacturing of 4 stroke engine oil	2030	MT	37.72

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
54	Additive	LZCV7540/ALTERNATE Manufacturing of Diesel Engine Oil	960	MT	19.17
55	Additive	InfineumS911/ALTERNATE Manufacturing of 2 stroke Engine Oil	214.9875	MT	6.02
56	Additive	LZCV2301/ALTERNATE Manufacturing of Turbo Diesel Engine Oil	440	MT	6.58
57	Additive	OLOA59054/ALTERNATE Manufacturing of Multigrade Engine Oil	132.3	MT	2.59
58	Additive	OLOA 1255Z/ALTERNATE Manufacturing of Engine Oil	11.96943733	MT	0.35
59	Additive	LZPV9131/ALTERNATE Manufacturing of synthetic grade Engine Oil	125.2383841	MT	4.02
60	Additive	LZ760C/ALTERNATE Manufacturing of Industrial Lube Oil	137.8384088	MT	2.51
61	Additive	Supertran i/r MONO	140.6514375	MT	3.02
62	Additive	SA300/ALTERNATE Additive for antirust in Lube Oil	26.76429	MT	1.61
63	Additive	LZ677A/ALTERNATE Additive for anti wear in lube oil	420	MT	13.28
64	Additive	LZ5703/HITEC 521/Alternate Manufacturing compressor oil	59.41688587	MT	2.05
65	Additive	LZ5047/ALTERNATE Used for manufacturing Lube Oil	102.7931062	MT	4.09
66	Additive	BA55/ALTERNATE Additive for Corrosion inhibitor	16.99744492	MT	1.02
67	Additive	LZFC8270BX/Alternate Manufacturing of 2 wheeler engine oil	1000	MT	43.11
68	Additive	OLOA2000/Alternate Manufacturing of Rail Road Engine Oil	500	MT	12.53
69	Additive	Paratone8015/alternate Manufacturing of Rail Road Engine Oil	167.948235	MT	4.20
70	Additive	LZ5940/ALTERNATE Manufacturing of heat transmission Oil	84	MT	2.16

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
71	Additive	LZ9990A/Alternate Manufacturing of Gear Oil	190	MT	8.65
72	Additive	LZ5941/Alternate Manufacturing of quenching Oil	12.12311205	MT	0.53
73	Additive	Hitec 5708/ALTERNATE Manufacturing of Gearoil	95	MT	1.81
74	Additive	ADCOEP52/ALTERNATE Lube oil for Textile Mills	11.57625	MT	0.75
75	Additive	RC3760/ALTERNATE Lube oil for Textile Mills	70	MT	6.36
76	Additive	OLOA 59211/Alternate Manufacturing of Engine Oil	485	MT	9.47
77	Additive	Anglamol 99,LZ 6178/Alternate Manufacturing of Gear Oil	23.9628375	MT	1.06
78	Additive	TALUMARB215, MAR501 S/Alternate Manufacturing of Marine grades.	11.57625	MT	0.52
79	Additive	Anglamol6044BB/Alternate Manufacturing of Greases	11.57625	MT	0.56
80	Additive	Anglamol 6043/Alternate Manufacturing of Gear Oil	11.57625	MT	0.51
81	Additive	LZCV7530/Alternate Manufacturing of Diesel Engine Oil.	1410	MT	28.67
82	Additive	OLOA1255/Alternate Manufacturing of Lube Oil for CNG vehicles.	12.50235	MT	0.76
83	Base Oil	GRIII4cST Manufacturing of Synthetic Engine Oil	640	MT	8.00
84	Base Oil	GRIII6cST Manufacturing of Synthetic Engine Oil	33.6	MT	0.47
85	Base Oil	GRIII8cST Manufacturing of Synthetic Engine Oil	3244.5	MT	37.02
86	Additive	PAO10/ Alternate Manufacturing of Synthetic Lube Grades.	23.1525	MT	0.69
87	Additive	PAO 100/ Alternate Manufacturing of Synthetic Lube Grades.	34.72875	MT	1.20

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
88	Additive	PAO6/ Alternate Manufacturing of Synthetic Lube Grades.	60	MT	1.74
89	Base Oil ( WHITE OIL)	WHITE OIL For manufacturing of Lube Oil	3065	MT	17.53
90	Additive	LZ3702/alternate For manufacturing Gear Oil	180	MT	6.95
91	Additive	LZ9151/alternate For manufacturing Bajaj Grade Lube Oil	1190	MT	48.62
92	Additive	RC8239/ALTERNATE Manufacturing of Shock absorber Oil grades	6.94575	MT	0.46
93	Additive	LZ5172/Alternate Anti Emulsion	3.5	MT	0.60
94	Additive	LZ889D/Alternate Anti Foaming	3.5	MT	0.40
95	Additive	HITEC 8705/ALTERNATE Manufacturing of Lube Oil	150	MT	5.00
96	Additive	LZ7065CA/Paratone8910/ Hitec5835H/ OCPJ0030 and Lubimax 5835 for manufacturing of PBO	1410	MT	33.50
97	Additive	LZ7067C for manufacturing of PBO Super	320	MT	13.00
98	Additive	ELCO313/ LZ 5340/LZ 5346/Addco Sw2/Hitec 561 for manufacturing of Waylube Grades.	15	MT	1.80
99	Additive	Lithium Hydroxide for Manufacturing Greases	55	MT	3.50
100	Additive	PARABAR 441/BHT/DPBC for Manufacturing of Lube Oil	145	MT	3.44
101	Additive	LZAT3112 and equivalent grade For manufacturing of Lube Oil	155	MT	6.74
102	Microsoft Enterprise Agreement	Specialised Software services and their AMC (Microsoft Enterprise Agreement)	1	Lumpsum	66.78
103	Food Grade Hexane (other hydrocarbon )	Food Grade Hexane (other hydrocarbon )	10	TMT	73.50
104	2ETHYL HEXANOIC ACID (Antistatic Additive)	2ETHYL HEXANOIC ACID (Antistatic Additive)	900	MT	12.25
105	MTO (other hydrocarbon )	Mineral Turpentine Oil (other hydrocarbon )	30	TMT	183.75

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
106	SPM-FLOATING HOSE	1. 24 inch First off buoy hose 2. 24 inch Mainline Hose 3. 24 inch x 16 inch taper bore hose 4. 16 inch tail hose 5. 16 inch tanker rail hose	2	NOS	1
107	SPM-MOORING HAWSER	18 inches Circumference, 55 meters Length (unstretched, In-Use), Circular Branded Nylon material, Type Single, Minimum New Wet Breaking Strength 4513 kN	2	NOS	0.28
108	IT Networking equipments	Routers, VC End Points	250	No.	5.00
109	Drag Reducing Agent (DRA)	DRA is an additive used for online dosing in cross country pipeline for enhancing flow rate during transportation of petroleum / refined petro products	360	Kilo Liters (KL)	12.00

**Name of the Organization: HINDUSTAN PETROLEUM CORPORATION LIMITED**

Website link- <https://www.hindustanpetroleum.com/TendersAndContracts>

**Ministry Department- Ministry of Petroleum and Natural Gas**

**Financial Year : 2025-26**

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/ Kg...)	Estimated Value of Procurement (Rs in Cr)
1	Additive	LZ16005/OLOA8888/ ALTERNATE for Manufacturing of Engine Oil	1670	MT	31.37
2	Additive	LZ3700D/LZ 8688/ALTERNATE for Manufacturing of Engine Oil	1880	MT	28.99
3	Additive	LZ3587/HITEC1272 S/ALTERNATE Manufacturing of Engine Oil	130	MT	2.67
4	Additive	LZCV3103/HITEC 1272S/ALTERNATE Manufacturing of Engine Oil	470	MT	7.32
5	Additive	LZ1040A/ALTERNATE Manufacturing of EP grade Gear Oil	360	MT	10.35
6	Additive	LZ1040A/ALTERNATE Manufacturing of XP grade Gear Oil	100	MT	2.83
7	Additive	OLOA22045/ALTERNATE Manufacturing of 4 stroke engine oil	2700	MT	48.73
8	Additive	LZFC7040/OLOA 22045/ALTERNATE Manufacturing of 4 stroke engine oil	2130	MT	39.61
9	Additive	LZCV7540/ALTERNATE Manufacturing of Diesel Engine Oil	1008	MT	20.13
10	Additive	InfineumS911/ALTERNATE Manufacturing of 2 stroke Engine Oil	225	MT	6.32
11	Additive	LZCV2301/ALTERNATE Manufacturing of Turbo Diesel Engine Oil	460	MT	6.91

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
12	Additive	OLOA59054/ALTERNATE Manufacturing of Multigrade Engine Oil	140	MT	2.72
13	Additive	OLOA 1255Z/ALTERNATE Manufacturing of Engine Oil	13	MT	0.36
14	Additive	LZPV9131/ALTERNATE Manufacturing of synthetic grade Engine Oil	132	MT	4.22
15	Additive	LZ760C/ALTERNATE Manufacturing of Industrial Lube Oil	145	MT	2.63
16	Additive	Supertran i/r MONO	148	MT	3.18
17	Additive	SA300/ALTERNATE Additive for antirust in Lube Oil	28	MT	1.69
18	Additive	LZ677A/ALTERNATE Additive for anti wear in lube oil	440	MT	13.95
19	Additive	LZ5703/HITEC 521/Alternate Manufacturing compressor oil	62	MT	2.15
20	Additive	LZ5047/ALTERNATE Used for manufacturing Lube Oil	108	MT	4.30
21	Additive	BA55/ALTERNATE Additive for Corrosion inhibitor	18	MT	1.07
22	Additive	LZFC8270BX/Alternate Manufacturing of 2 wheeler engine oil	1050	MT	45.26
23	Additive	OLOA2000/Alternate Manufacturing of Rail Road Engine Oil	525	MT	13.16
24	Additive	Paratone8015/alternate Manufacturing of Rail Road Engine Oil	176	MT	4.41
25	Additive	LZ5940/ALTERNATE Manufacturing of heat transmission Oil	88	MT	2.27
26	Additive	LZ9990A/Alternate Manufacturing of Gear Oil	200	MT	9.08
27	Additive	LZ5941/Alternate Manufacturing of quenching Oil	13	MT	0.56

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
28	Additive	Hitec 5708/ALTERNATE Manufacturing of Gearoil	100	MT	1.90
29	Additive	ADCOEP52/ALTERNATE Lube oil for Textile Millls	12	MT	0.79
30	Additive	RC3760/ALTERNATE Lube oil for Textile Millls	74	MT	6.68
31	Additive	OLOA 59211/Alternate Manufacturing of Engine Oil	510	MT	9.94
32	Additive	Anglamol 99,LZ 6178/Alternate Manufacturing of Gear Oil	25	MT	1.11
33	Additive	TALUMARB215, MAR501 S/Alternate Manufacturing of Marine grades.	12	MT	0.55
34	Additive	Anglamol6044BB/Alternate Manufacturing of Greases	12	MT	0.58
35	Additive	Anglamol 6043/Alternate Manufacturing of Gear Oil	12	MT	0.53
36	Additive	LZCV7530/Alternate Manufacturing of Diesel Engine Oil.	1480	MT	30.10
37	Additive	OLOA1255/Alternate Manufacturing of Lube Oil for CNG vehicles.	13	MT	0.80
38	Base Oil	GRIII4cST Manufacturing of Synthetic Engine Oil	672	MT	8.40
39	Base Oil	GRIII6cST Manufacturing of Synthetic Engine Oil	35	MT	0.50
40	Base Oil	GRIII8cST Manufacturing of Synthetic Engine Oil	3405	MT	38.87
41	Additive	PAO10/ Alternate Manufacturing of Synthetic Lube Grades.	24	MT	0.73
42	Additive	PAO 100/ Alternate Manufacturing of Synthetic Lube Grades.	36	MT	1.26

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
43	Additive	PAO6/ Alternate Manufacturing of Synthetic Lube Grades.	63	MT	1.82
44	Base Oil ( WHITE OIL)	WHITE OIL For manufacturing of Lube Oil	3220	MT	18.40
45	Additive	LZ3702/alternate For manufacturing Gear Oil	190	MT	7.29
46	Additive	LZ9151/alternate For manufacturing Bajaj Grade Lube Oil	1250	MT	51.05
47	Additive	RC8239/ALTERNATE Manufacturing of Shock absorber Oil grades	7	MT	0.49
48	Additive	LZ5172/Alternate Anti Emulsion	4	MT	0.63
49	Additive	LZ889D/Alternate Anti Foaming	4	MT	0.42
50	Additive	HITEC 8705/ALTERNATE Manufacturing of Lube Oil	165.0	MT	5.50
51	Additive	LZ7065CA/Paratone8910/ Hitec5835H/ OCPJ0030 and Lubimax 5835 for manufacturing of PBO	1440	MT	35.00
52	Additive	LZ7067C for manufacturing of PBO Super	335	MT	15.00
53	Additive	ELCO313/ LZ 5340/LZ 5346/Addco Sw2/Hitec 561 for manufacturing of Waylube Grades.	16	MT	2.10
54	Additive	Lithium Hydroxide for Manufacturing Greases	60	MT	4.00
55	Additive	PARABAR 441/BHT/DPBC for Manufacturing of Lube Oil	150	MT	3.56
56	Additive	LZAT3112 and equivalent grade For manufacturing of Lube Oil	160	MT	6.96
57	IT Networking equipments	L2 / L3 Switches, Routers, Wireless AP's, Wireless Controller, IP Phones, VC End Points	1500	No.	11.00

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/ Kg...)	Estimated Value of Procurement (Rs in Cr)
58	Food Grade Hexane (other hydrocarbon )	Food Grade Hexane (other hydrocarbon )	10	TMT	78.60
59	2ETHYL HEXANOIC ACID (Antistatic Additive)	2ETHYL HEXANOIC ACID (Antistatic Additive)	900	MT	13.10
60	MTO (other hydrocarbon )	Mineral Turpentine Oil (other hydrocarbon )	30	TMT	196.61
61	Off gas drier adsorbent in Naptha Isomarization Unit (NIU)	14.3 m3 of Off-gas drier adsorbents and 0.83 m3 of Inert balls used in C5/C6 Naphtha Isomerisation unit Off Gas Dryer vessels to remove moisture from scrubber off-gases to prevent condensation in downstream LPG recovery section.	14.3 + 0.83	CUBIC METER	0.4
62	SPM-FLOATING HOSE	1. 24 inch First off buoy hose 2. 24 inch Mainline Hose 3. 24 inch x 16 inch taper bore hose 4. 16 inch tail hose 5. 16 inch tanker rail hose	11	NOS	4.28
63	SPM-MOORING HAWSER	18 inches Circumference, 55 meters Length (unstretched, In-Use), Circular Branded Nylon material, Type Single, Minimum New Wet Breaking Strength 4513 kN	2	NOS	0.28
64	IT Networking equipments	L2 / L3 Switches, Routers, Wireless AP's, Wireless Controller, IP Phones, VC End Points	1500	No.	11.00
65	Drag Reducing Agent (DRA)	DRA is an additive used for online dosing in cross country pipeline for enhancing flow rate during transportation of petroleum / refined petro products	360	Kilo Liters (KL)	12.00