

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 : 2020-21

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	25	Nos.	7.16
2	Electrical panel and Components	22kv, 6.6 kv, 3.3 kv and 415 v switchboard with incomer, motor, transformer and spare feeder	60	Nos.	39.03
3	LED fittings	45w & 400 w FLP LED fixtures suitable for working in zone-1 / 2, gas group IIA/IIB	2500	Nos.	1.00
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	505	Nos.	4.00
5	Pump and pump spares	Flow 5m ³ /hr to 2500 m ³ /hr, Spares-Impeller/ Diffuser/ Case Wearing/ Diffuser Wearing/ Impeller wearing/ Balance wearing/ Locknut/ Shaft/ Bearing Space Sleeve/ Inter stage sleeve ETC	1562	Nos.	15.15
6	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	150	Nos.	11.90

7	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.	51	Nos.	23.44
8	Air Fin Coolers	CS, SS Tubes, Alloy Tubes Air Fin Cooler Assembly	4	Nos.	1.10
9	Cooling Tower	Reconstruction of Fuel Refinery Cooling Tower Cells	2	Nos.	2.81
10	Filters	Autoback wash filter, coalescers of Polypropylene, Glass Fibre, Cotton Wound material (Filtration Rating: 5 Micron to 40 micron)	4	Nos.	2.40
11	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
12	IT equipments and computers	L2 Switches and IT Cartridges	1540	Nos.	1.12
13	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	2.10
14	Analyzers (Process/stack)	Replacement of analyzers (Process/stack)	4	Nos.	4.00
15	Programmable Logic Controls	Replacement of PLC/Control panels	1	Nos.	0.60
16	Field Instruments	Instrument SDVs	10	Nos.	1.00
17	Vehicles	A 4 wheel drive, diesel engine, close door type, Non-AC type, Manual Gear, Power steering.	1	Nos.	0.10
18	DHT: HP Exchanger	Very high pressure U-tube exchanger with SS321 tubes and F11 Forged tubesheet with SS347 weld overlay	2	Nos.	12.00
19	HEATER ITS for DHT & MSB Heater	50Cr+50Ni Cast, Convection tubes support tubesheet	2	Lot	1.00
20	CDU3: Exchanger Bundle (Ti bundles)	Non-ferrous Exchanger tube bundle with 0.9mm thk Titanium tubes and Ni-AlBr tubesheet	8	Nos.	8.00
21	DHDS feed filter	Filter elements 1"OD, 90" long , 1set = 776Nos.	1	set	2.00
22	DHT feed filter	Feed elements ,Filtrex make, 1set= 3nos	1	set	2.00

23	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.)	1. Fire Extinguishers - DCP & CO2 2. Turbo Pumps - Portable Fire Water Operated pump used for bailing out oil 3. Multiple gas Area Monitor (Transportable / Portable / IR Based)- For monitoring ppm for CO/O2/H2S/HC 4. Radiation Survey Meter - For measuring Radiation Curie during Radiography 5. Remote Controlled Monitor - Remote Operated Fire Water Monitor for Foam Tenders	7	Set	1.30
24	Plug Valves	10", 14", 18", 20", 24" Carbon Steel Plug Valves	36	Nos.	2.00
25	Marine Brakeaway Coupling	16" 150# Bi-directional Marine Breakaway Coupling for 35T parting load	2	Nos.	4.00
26	Sulphur Analyzers - 2 Sets DHT - 1 No. DHDS- 1 No.	Measuring ppm level Sulphur content in process gas	2	Set	4.00
27	Piping Material	Carbon Steel Pipes/Flanges/Elbow/Fittings	600	KG	3.00
28	Dosing Skid	Carbon Steel filter Vessels	1	Set	0.50
29	Walkie Talkie Sets	Digital Radio Sets (VHF/UHF frequencies, Li-Ion Battery, IP57 & Intrinsically Safe)	38	Nos.	0.15
30	Vehicle	32 Seater Bus	1	Nos.	0.25
31	Warehouse Infrastructure	Warehouse Infrastructure	1	lump sum	5.00
32	Electrical equipment	220 kV overhead transmission line works from 400/220kV Kalpaka substation to proposed cable pot head station for HPCL, VR. Scope of work: Detailed survey including route alignment, profiling, tower spotting, optimization of tower locations, soil resistivity measurement & geo-technical investigation; fabrication & supply of all types of transmission line towers, gantry structures, all accessories, conductors, hardware & fittings; required civil foundations for different types of towers & structures; supply & installation of tower earthing; erection of towers; destringing & dismantling of existing 220kV D/C transmission line; stringing of power line crossing under live line condition; painting of towers; testing and commissioning of erected transmission lines.	1	lump sum	60.40

33	Access Control System & CCTVs for Sub-stations and SRRs (IR Cameras: 50 nos, W/P Cameras: 92 nos., ACS card readers: 184 nos., NVR Servers, Networking Components, FO/Power	Biometric Readers, Fixed Camera / PTZ Cameras (IR/Optical based) for capturing footprints upto 50M, Optical Fiber network cabling, switches, softwares, Licenses, NAS, servers, monitors,	1	lump sum	24.78
34	Mainline Pumps (with HT motor and Variable Frequency Drive)	Multistage Horizontal Type, Centrifugal Pump suitable for Flammable/Explosive Environment, Discharge Pressure: 93 - 98 Kg/cm2, Flow Rate: 300 - 650 m3/hr, Suction Line 150# (MS/HSD) & 900# (LPG) & Discharge Line 900#; With Temperature (Duplex RTD) & Vibration Monitoring, Speed Measurement; Design Code: API 610, API 671;	12	Nos.	68.39
35	Booster Pumps	Vertically Submerged, Centrifugal Pump suitable for Flammable/Explosive Environment, Discharge Pressure: 5 - 8 Kg/cm2, Flow Rate: 300 - 650 m3/hr, Suction/Discharge Line 150#/150#; With temperature & vibration transmitter; Design Code: API 610, API 671	6	Nos.	9.31
36	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;	4	Nos.	2.32

37	Valves (8" & above)	<p>Globe Valve: CS, Flange, 150#/600#/900#, Inductive Proximity Type, IP65, PESO & 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 & 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 & 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/cm2</p> <p>Triple Butterfly Valve: 150#/900#, Design Standard API 609, Connecting Pipe Pr. 19 - 49 Kg/cm2</p>	1269	Nos.	107.16
38	Control Valve	900# Flanged Control Valve, Rated Flow: 300 - 1280 m3/hr; Inlet Pressure 100 - 103 Kg/cm2 & Pressure Drop 0.75 - 85 Kg/cm2; IP 65 / EEx-'d'; Local LCD Display; Design Code BS 1873, ASME 16.10, ASME 16.34;	9	Nos.	1.60
39	DG Set	Rating 25KVA to 365 KVA; Self excited internal combustion engine with acoustic enclosure; Light-cum-Surge Arrestor	43	Nos.	6.05
40	Fire Water Pump	Single Stage, Horizontal Type; Electrical Area Classification as Non Hazardous, Safe; Discharge Pressure 10kg/cm2; Differential Head 90m; Flow Rate 250 - 700 KL/hr; Suction/Discharge Lines: 150#/150#;	15	Nos.	4.32
41	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.	5	Nos.	10.00

42	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)	3900000	Nos.	500.00
43	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 ² and discharge pressure of 250 Kg/cm ²	15	Nos.	9.20
44	Double nozzle CBG dispenser	Double Arm CNG / CBG Dispensers with >= 15 Kg/min flow capacity	15	Nos.	1.74
45	Stationary cascade (3000 WL ~300 kg)	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	15	Nos.	2.70
46	Gas Analyser	On line Gas Analyser for ascertaining composition of CBG at Retail Outlets	15	Nos.	0.90
47	S S TANK (22/35 KL)	MS STEEL TANKS OF 22 & 35 KL	100	Nos.	4.00
48	AUTOMATION	LOGING OF RECEIPT & DISCHARGE AT CONSUMER PUMP	15	Nos.	0.75
49	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)..	6	Nos.	4.00
50	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
51	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	7	Nos.	13.25
52	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.	1.80
53	Aviation Filters	Aviation Filters conforming to EI 1581 and EI 1583 latest specification	1700	Nos.	1.06
54	Aviation Hoses	Aviation Hose meeting EI 1529 Latest specifications	100	Nos.	0.60
55	Digital Water Detector	Conforming to EI 1598 and EI 1599 specifications	60	Nos.	14.90
56	DG Sets	Diesel Generator set ranging from 60 KW to 1000 KW	4.00	Nos.	1.56
57	Fire Engines	Diesel Driven Fire Engine Pumps ranging from 45 KW to 500 KW and 410KL/Hr to 760KL/Hr pump capacity	3.00	Nos.	0.60
58	Pumps	FLP Centrifugal Pump ranging from 25 KW to 150 KW for handling Petroleum Products	27.00	Nos.	3.07

59	CNG Dispensers	Double Arm CNG Dispensers with ≥ 15 Kg/min flow capacity	80	Nos.	9.20
60	CNG Cascades	CNG Storage Cascades of 3000/4500 Water Liter capacity at 250 bar and suitable for 20-48 degree	120	Nos.	27.00
61	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 ² and discharge pressure of 250 kg/cm ²	48	Nos.	31.20
62	CNG Compressors-GED	Gas Engine Driven CNG Compressors of 1200 SCM ^H flow capacity	8	Nos.	12.00
63	CNG Compressors-EMD	Electric Motor Driven CNG Compressors of 1200 SCM ^H Capacity	8	Nos.	8.80
64	CNG Compressors-VIP	Variable Input Suction Pressure compressors of 600 SCM ^H flow capacity	16	Nos.	16.00
65	SS Tubings	Seamless Stainless Steel tubings fully annealed of 3/4" and 1/2" sizes	20000	Meters	12.00
66	Domestic Meters	Domestic Diaphragm Natural Gas Meters G1.6 for Domestic PNG connections	86600	Nos.	12.99
67	Regulators	Regulators for Domestic/ Commercial/ Industrial connections	86600	Nos.	6.50
68	DCU	De-Compression unit of 450 SCM ^H capacity with inlet pr of 250 bar and outlet pr of 4 bar	7	Nos.	2.46
69	DRS	District Regulatory Skid Stations of 2500 SCM ^H capacity	4	Nos.	1.37
70	MDPE Pipes	Medium Density PE 80/100 pipes of various sizes	1386	Kilometers	55.44
71	Carbon Steel Pipes	Carbon Steel 3LPE X52 5L pipes of various sizes	227	Kilometers	15.10

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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	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 working in zone-1 / 2, gas group IIA/IIB	1000	Nos.	0.80
5	Lightning Protection of External Floating Roof Tanks.	Design & Supply of Earth lightning 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/ Impeller 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

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	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
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 m3, 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 3500m3/hr Flow	1	Nos.	1.35
28	LLPH Sea Water Vertical Pump	Vertical Centrifugal Pump with 12-12.3 MWC head and 4500 m3/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)	Emergency Diesel Generators	4	Nos.	1.00
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.,	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
46	Mainline Pumps (with HT motor and Variable Frequency		0	Nos.	29.00
47	Booster Pumps		0	Nos.	4.00
48	Sump Pumps	Submerged Impeller, Centrifugal Pump, Discharge Pressure: 5 - 8 Kg/cm ² , Flow Rate: 15 - 35 m ³ /hr, Suction/Discharge Line 150#/150#; Design Code: API 610	6	Nos.	0.80

		<p>Globe Valve: CS, Flange, 150#/600#/900#, Inductive Proximity Type, IP65, PESO & 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 & 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 & 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/cm2</p> <p>Triple Butterfly Valve: 150#/900#, Design Standard API 609, Connecting Pipe Pr. 19 - 49 Kg/cm2</p>			
49	Valves (8" & above)		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
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 ² and discharge pressure of 250 Kg/cm ²	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
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 specifications	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 >= 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 ² and discharge pressure of 250 Kg/cm ²	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
79	DCU	De-Compression unit of 450 SCM ^H 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 SCM ^H 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

1342.06

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 5m3/hr to 2500 m3/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/ Carborg Ring Kit/ Ring Oil/ Gasket Casing/ Cover/ Collar Assy Set/ Kit Connecting Rod ETC	1	Nos.	2.50
7	Replacement of P3206 and P4201	New pump in HC service having flow upto 45 m3/hr	4	Nos.	1.10

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-aboratory 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 movemetn of ~230 mm and vertical movemetn 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
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	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/cm2, Flow Rate: 200 - 250 m3/hr, Suction/Discharge Line 150#/900#; With Temperature (Duplex RTD) & Vibration Monitoring, Speed Measurement; Design Code: API 610	4	Nos.	40.00
30	Booster Pumps	Vertically Submerged, Centrifugal Pump suitable for Flammable/Explosive Environment, Discharge Pressure: 5 - 8 Kg/cm2, Flow Rate: 200 - 250 m3/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/cm2, Flow Rate: 15 - 35 m3/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

		<p>Globe Valve: CS, Flange, 150#/600#/900#, Inductive Proximity Type, IP65, PESO & 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 & 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 & 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/cm²</p> <p>Triple Butterfly Valve: 150#/900#, Design Standard API 609, Connecting Pipe Pr. 19 - 49 Kg/cm²</p>			
33	Valves (8" & above)		78	Nos.	15.60
34	Control Valve	600#/900# Flanged Control Valve, Rated Flow: 300 - 1280 m ³ /hr; Inlet Pressure 100 - 103 Kg/cm ² & Pressure Drop 0.75 - 85 Kg/cm ² ; 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 ² ; Differential Head 90m; Flow Rate 250 - 700 KL/hr; Suction/Discharge Lines: 150#/150#;	9	Nos.	2.81
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 ² and discharge pressure of 250 Kg/cm ²	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
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 specifiicator	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 SCM ^H flow capacity for suction pr range of 30-200 kg/cm ² and discharge pressure of 250 Kg/cm ²	78	Nos.	58.31
58	CNG Compressors-GED	Gas Engine Driven CNG Compressors of 1200 SCM ^H flow capacity	13	Nos.	22.43
59	CNG Compressors-EMD	Electric Motor Driven CNG Compressors of 1200 SCM ^H Capacity	13	Nos.	16.45
60	CNG Compressors-VIP	Variable Input Suction Pressure compressors of 600 SCM ^H 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 SCM ^H 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 SCM ^H capacity	15	Nos.	5.92
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

907.06

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/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	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/ Impeller wearing/ Balance wearing/ Locknut/ Shaft/ Bearing Space Sleeve/ Inter stage sleeve ETC	1553	Nos	27.75
6	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.	49	Nos	12.31

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-laboratory 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 3500m ³ /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
20	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 ² and discharge pressure of 250 Kg/cm ²	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
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 specific	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 SCM ^H flow capacity for suction pr range of 30-200 kg/cm ² and discharge pressure of 250 Kg/cm ²	78	Nos	60.84
37	CNG Compressors-GED	Gas Engine Driven CNG Compressors of 1200 SCM ^H flow capacity	13	Nos	23.40
38	CNG Compressors-EMD	Electric Motor Driven CNG Compressors of 1200 SCM ^H Capacity	13	Nos	17.16
39	CNG Compressors-VIP	Variable Input Suction Pressure compressors of 600 SCM ^H 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 SCM ^H 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 SCM ^H 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

802.07

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

Sr No	Description of item	Broad Specification Parameters	Qty	Accounting Unit (Nos/Kilometers/Kg...)	Estimated Value of Procurement (Rs in Cr)
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 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	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
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
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 SCM ^H)	Electric Motor Driven Hydraulic Booster Compressor of min 450 or 250 SCM ^H flow capacity for suction pr range of 30-200 kg/cm ² and discharge pressure of 250 Kg/cm ²	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
25	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)\	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 Protecion - 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 micorn 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 specif	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 SCM ^H flow capacity for suction pr range of 30-200 kg/cm ² and discharge pressure of 250 Kg/cm ²	78	Numbers	63.38
36	CNG Compressors-GED	Gas Engine Driven CNG Compressors of 1200 SCM ^H flow capacity	13	Numbers	24.38
37	CNG Compressors-EMD	Electric Motor Driven CNG Compressors of 1200 SCM ^H Capacity	13	Numbers	17.88
38	CNG Compressors-VIP	Variable Input Suction Pressure compressors of 600 SCM ^H 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 SCM ^H 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 SCM ^H 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

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