

<b>LIST OF CATEGORIES</b>	
Sl.No.	<b>INSTRUMENTATION ITEMS:</b>
1	ANALYSERS-OLEUM/ACID, LIQUID,OXYGEN , DISSOLVED OXYGEN, GAS, NON DISPERSIVE INFRA RED,CONCENTRATION ANALYSER CONDUCTIVITY TYPE, AUTO, PARTICLE SIZE, MIROM, GAS CHROMOTOGRAPH
2	CONTROLLERS-PNEUMATIC, PROGRAMMABLE LOGIC, SINGLE LOOP ELECTRONIC CONTROLLERS
3	CONTROL VALVES- FOR CRITICAL AND NON CRITICAL APPLICATIONS, SLURRY SERVICE, BUTTERFLY TYPE, GLOBE TYPE, PLUG TYPE, SOLENOID OPERATED
4	LEVEL GUAGES-GLASS TUBE TYPE,MAGNETIC TYPE,REFLEX TYPE
5	LEVEL TRANSMITTERS-DISPLACEMENT TYPE, RADAR LEVEL TRANSMITTER, ULTRASONIC TYPE, CAPACITANCE LEVEL TRANSMITTER
6	FLOW METERS-ULTRASONIC, GAS FLOW METERS (WET TYPE), WATER FLOW METERS, TURBINE, VORTEX
7	INSTRUMENT TUBES AND FITTINGS
8	DIFFRENTIAL PRESSURE TRANSMITTERS
9	TRANSMITTER-ELECTRONIC, DIFFERENTIAL PREASSURE, LEVEL DISPLACEMENT TYPE, WIRELESS PH
10	RECEIVER INSTRUMENTS- PANEL MOUNTED
11	SOLENOID VALVES
12	AIR FILTER REGULATUR
13	PH MEASURING SYSTEM
14	GUAGES-TEMPERATURE, PRESSURE
15	ELECTRO-PNEUMATIC CONVERTERS
16	ORIFICE PLATES
17	PRESSURE SWITCHES
18	DISTRIBUTED CONTROL SYSTEM
19	FLOW NOZZLES AND VENTURI ELEMENTS
	<b>PROCESS ITEMS:</b>
1	BURNT LIME SHELL & BURNT LIME STONE
2	TRISODIUM PHOSPHATE
3	CATALYST-NAPHTHA/NATURAL GAS HYDROGENATION
4	CATALYST-SULPHUR ABSORBENT (ZNO)
5	CATALYST-ANOL DEHYDROGENATION
6	CATALYST-PLATINUM RHODIUM GAUZE
7	CATALYST-SULPHUR DIOXIDE REACTOR (V2O5)
8	CATALYST-RANEY NICKEL
9	METHANATOR CATALYST
10	MOLECULAR SIEVE-FOR PSA NITROGEN PLANT
11	SILICA GEL
12	ACTIVATED ALUMINA
13	ACTIVATED CARBON
14	ALUM (FERRIC & NON-FERRIC)
15	ACTIVATED METHYL DI ETHANOL AMINE
16	POLY ELECTROLYTE POWDER
17	HYDRAZINE HYDRATE
18	MONO ETHYLENE GLYCOL (MEG)
19	ION EXCHANGE RESINS (FOR WATER TREATMENT)
20	METHANOL
21	WATER DEMENERALISATION UNITS.

22	WATER TREATMENT UNITS AND WATER TREATMENT UNITS (REVERSE OSMOSIS PROCESS)
23	PRECIOUS METALS (PLATINUM CATALYST)
24	TOWER PACKINGS-CERAMIC, PORCELAIN, METALLIC, PLASTIC, STRUCTURED METALLIC AND POLYPROPYLENE PACKINGS
25	EFFLUENT TREATMENT UNITS.
26	CHEMICALS FOR BOILER TREATMENT
27	CAUSTIC SODA LYE
28	DEFOAMER
29	MOLECULAR SIEVE
30	KEROSENE
31	LUBRICANTS
	<b>LABORATORY ITEMS:</b>
1	SPECTRO PHOTOMETER-AUTOMATIC DOUBLE BEAM ATOMIC ABSORPTION/VISUAL WAVE LENGTH/ATOMIC ABSORPTION
2	GENERAL LAB EQUIPMENTS AND CONSUMABLES
3	ANALYSER - PARTICLE SIZE
4	ANALYTICAL BALANCE - ELECTRONIC
6	GAS ANALYSER - MIROM
7	MEDICAL LAB ITEMS
8	PH METER
9	TENSILE TESTER
10	GAS CHROMATOGRAPH - MICRO PROCESSOR BASED
	<b>CIVIL ITEMS:</b>
1	A.C.SHEETS & FITTINGS
2	BRICKS - CARBON
3	ALUMINIUM SHEET
4	WOOD ITEMS
5	GRATINGS-CAST ALUMINIUM (AS WALK WAY SLABS FOR CONVEYOR)
6	ANTICORROSIVE PROTECTIVE COATINGS/TAPES FOR BURIED PIPES
7	TILES - CERAMIC/ FLOORING
8	PALLETS-WOODEN
9	CEMENT
10	PIPES & COLLARS - RCC HUME
11	M.S. FLOOR GRATING
12	SANITARY ITEMS
13	SYNTHETIC CONCRETE REPAIR & REHABILITATION MATERIALS
14	VINYL FLOORING
15	CERAMIC FERRULES - ALUMINA
16	BRICKS-REFRACTORY/ACID PROOF & INSULATION/ LINING MATERIALS / FOR REFORMER
17	PAINTS
18	STEEL ITEMS- MS-STRUCTURAL
	<b>ELECTRICAL ITEMS</b>
1	CAPACITOR SYSTEM
2	CABLE TRAYS-FRP/PVC COATED PRE-FABRICATED
3	CURRENT & POTENTIAL TRANSFORMER (EHV)
4	CABLES - COMMUNICATION/WELDING /HV
5	BATTERY - INDUSTRIAL & AUTOMOTIVE
6	INDUCTION MOTORS
7	BATTERY CHARGER
8	BUS TRUNKING

9	CATHODIC PROTECTION SYSTEM
10	FANS-CEILING
11	CONTROL PANELS
12	OUTDOOR AIR BREAK ISOLATORS-EHV
13	ELECTRICAL HEAT TRACING SYSTEM
14	FEEDER PILLAR BOX
15	SWITCHBOARDS WITH VACUUM CIRCUIT BREAKERS - HV
16	UPS
17	PUSH BUTTON STATION
18	SWITCH GEAR M.V.
19	VARIABLE SPEED DRIVE.
20	MOTOR-INDUCTION
21	LIGHTING FIXTURES
22	AC SETS - WINDOW TYPE/SPLIT TYPE
23	ALARM - FIRE ALARM SYSTEM.
24	D.C.MOTORS
25	TRANSFORMER OIL
26	D.G.SETS
27	EHV BREAKERS
28	FANS-VENTILATING-HEAVY DUTY (MAN COOLER AIR CIRCULATOR EXHAUST) / (TABLE & EXHAUST) LIGHT DUTY
29	FREON-12
30	TELEPHONE EXCHANGE
31	POWER CONTROL CENTRE-MEDIUM VOLTAGE (PCC)
32	TELEPHONE SETS
33	LAMPS
34	LED LAMPS AND FIXTURES
36	LIGHTING FIXTURES-HAZARDOUS AREA AND NON HAZARDOUS AREA
37	M.V.SWITCHGEAR-DRAWOUT (STANDARD), NON DRAWOUT, MISSELLANEOUS
38	MOTORS (FOR HAZARDOUS & NON-HAZARDOUS AREA)
39	SYNCHRONOUS MACHINE
40	TRANSFORMERS
41	VACUUM CIRCUIT BREAKERS-HV
42	AIR BREAK ISOLATORS (INDOOR TYPE)
43	NEUTRAL GROUNDING RESISTOR
44	WIRELESS COMMUNICATION SYSTEM
45	MAGNETIC AND ELECTROMAGNETIC EQUIPMENTS
46	SOLAR WATER HEATING SYSTEM
47	INSTRUMENTS FOR ACCREDITATION OF ENERGY AUDITERS
	<b>MECHANICAL ITEMS:</b>
1	AERATOR - SURFACE
2	AGITATORS
3	AIR CONDITIONING SYSTEM (PACKAGE/CENTRALISED)
4	AIR PRE-HEATER TUBES-ERW
5	BAG CLOSING/STITCHING MACHINE
6	BAGGING MACHINES
7	BALL MILLS
8	BALL VALVE FOR LOW TEMPERATURE AMMONIA SERVICE (CRITICAL SERVICE)
9	BEARINGS AND PILLOW BLOCKS
10	BELT WEIGHERS
11	BIBBY COUPLING

12	BLOWERS-TWIN LOBE/ CENTRIFUGAL
13	BOLTS & NUTS (CS, AS, SS, MS)
14	BUCKET ELEVATORS
15	BURNERS
16	CAF GASKET SHEETS (METALLIC & NON-METALLIC)
17	CARTRIDGE FILTER (CANDLE TYPE)
18	CASTING INCLUDING ALLOY STEEL & FORGINGS
19	CENTRIFUGE
20	CHAIN PULLEY BLOCKS
21	CHAIN/SPROCKETS/PULLEY AND SPARES
22	CLAMSHELL BUCKET
23	COLUMNS- SMALL & TALL
24	COMPRESSORS - ROTARY POSITIVE DISPLACEMENT & SCREW
25	COMPRESSORS(PORTABLE ETC.)
26	COMPRESSORS-CENTRIFUGAL
27	COMPRESSORS-RECIPROCATING (FOR GAS SERVICE/ AIR SERVICE)
28	CONVEYOR BELT-NYLON
29	CONVEYOR IDLERS AND ROLLERS
30	CONVEYOR-BELT/FLIGHT/ROLLER/SCREW/SLAT
31	COOLING TOWERS FOR PROCESS PLANTS AND FOR A/C APPLICATION (SMALL CAPACITY FRP TOWERS)
32	CRANES - MOBILE / HOT / EOT AND SPARES
34	CS PLATE & STRUCTURALS-LR GR.A/IRS GRADE OR EQUIVALENT
35	CYLINDERS - HIGH PRESSURE OXYGEN
37	DEARATORS
39	DIESEL OPERATED PLATFORM TRUCKS
40	DIRECT FIRED HEATERS
41	DISHED ENDS
43	DRIER UNIT FOR INSTRUMENT AIR COMPRESSOR
44	DUST COLLECTION SYSTEM & BAG FILTER
45	EJECTORS
46	ELECTRO STATIC PRECIPITATOR.
47	ELEVATORS-BUCKET TYPE
48	EXPANSION BELLOWS
50	EXPANSION BELLOWS (METALLIC)
51	F.R.P. LINING OF VESSELS (INCLUDING SUPPLY OF MATERIALS)
52	FABRICATION
53	FEEDERS - APRON / WEIGH FEEDERS
54	FEEDERS-VIBRATING
55	FILTER CLOTH
56	FILTRATION EQUIPMENTS
57	FILTERS - ROTARY DRUM / BELT / SULPHUR FILTER (PRESSURE FILTER) / CHEMICAL AIR
58	FILTERS CATRIDGE
59	FIRED HEATERS (DESIGN & FABRICATION)
60	FITTINGS-FORGED SEAMLESS & WELDED
61	FLANGES
62	FLARE SYSTEM
63	FORK LIFT TRUCKS
64	GASKET - NON-METALLIC OTHER THAN SHEETS
65	GASKETS-SPIRAL WOUND & LENS
66	GEAR COUPLING

67	GEAR REDUCERS FOR HELICAL GEAR
68	GEAR REDUCERS FOR WORM GEARS
69	GRAPHITE EQUIPMENTS
70	H.E.TUBES & ECONOMISER TUBES
71	H.E.TUBES & ECONOMISER TUBES-CS/SS/AS-SMLS AND WELDED
72	HEAT EXCHANGERS
73	HEAT EXCHANGERS (SHELL & TUBE)
74	HEAT EXCHANGERS-GRAPHITE
75	HEATING COILS
77	HIGH TEMPERATURE STEEL CASTINGS
78	HOIST-ELECTRIC
79	HOSES-METALLIC/ NON METALLIC/ ACID SERVICE/ CUTTING HOSES
80	HYDRAULIC POWER PACK FOR SULPHUR FILTER
81	INCINERATORS
82	INDICATORS-SIGHT FLOW
83	INSULATION MATERIALS - RESIN BONDED AND UNBONDED LOOSE ROCK WOOL PRODUCTS/ GLASS WOOL/ MINERAL WOOL
84	INSULATION MATERIALS-CALCIUM SILICATE-THERMAL INSULATION
85	INSULATION MATERIALS-EXPANDED POLYURETHENE FOAM CERAMIC/FIBRE BLANKETS MODULE BOARDS ETC.
86	LEAD SHEET
87	LOAD CELLS (FOR WEIGH BRIDGE)
88	LOADER-FRONT END SKID STEER
89	LOADERS-FRONT END (WHEEL LOADERS)
90	MECHANICAL SEALS
91	MILL - CHAIN JAW CRUSHER HAMMERS
92	MIST ELIMINATOR-DEMISTER PAD FOR SULPHURIC ACID SERVICE
93	MIST ELIMINATORS (GENERAL AND CANDLE FILTER TYPE)
94	PAINTS-THERMO COLOUR (TEMPERATURE INDICATING)
95	PAPER - CREPE KRAFT
96	PIPES - HDPE.
97	PIPES & FITTINGS PTFE LINED.
98	PIPES & FITTINGS-C.I-ACID PROOF/ FRP/ POLYPROLYENE LINED
99	PIPES AND FITTINGS (RUBBER LINED)
100	PIPES-CS/SS/AS-WELDED/ SEAMLESS
101	PIPES-G.I
102	PLASTIC SHEETS / FILMS
103	PLATE HEAT EXCHANGER-FULLY WELDED
104	PRESSURE VESSEL
106	PUMPS - BFW/ FIRE WATER/JOCKEY/GEAR/PLASTIC/SCREW/SELF PROMNG/ SLURRY/VERTICAL TURBINE
108	PUMPS-HORIZONTAL CENTRIFUGAL
109	PUMPS-POSITIVE DISPLACEMENT-DIAPHRAGM TYPE FOR METERING SERVICES
110	PUMPS-POSITIVE DISPLACEMENT-PLUNGER TYPE FOR METERING SERVICES
111	PUMPS-VERTICAL CENTRIFUGAL-ACID SERVICE OTHER THAN PHOSPHORIC ACID/ PROCESS / PHOSPHORIC ACID / SULPHUR APPLICATION
112	RAILWAY TRACK MATERIAL- PRE-STRESSED CONCRETE (PSC) SLEEPERS
113	RAILWAY TRACK MATERIALS-ALL STEEL ITEMS
114	REFORMER - FURNACE
115	REFORMER TUBES

116	REFRIGERATION & CHILLING SYSTEM
117	ROTARY COOLERS ROTARY DRIERS COATERS
118	RUBBER LINING OF VESSEL/STORAGE TANKS INCL. SUPPLY OF MATERIALS
119	RUPTURE DISC
120	SCAFFOLDING SYSTEM
121	SCRUBBING SYSTEM
122	SIGHT GLASS ASSEMBLY
123	SILENCER
124	SKIP HOIST
125	SPARES FOR SOOT BLOWER IN PETROCHEMICAL PLANTS
126	SPRING SUPPORTS
127	STEAM & DRAIN TRAPS
128	STEAM TURBINES-DRIVE TURBINES/ UTILITY TURBINES
129	STEEL PLATES-AS/SS/ALLOY STEEL/CS/MS
130	STEEL PLATES-CLADDED
131	STEEL PLATE-SS/CS/LOW ALLOY
132	STEEL ROD-MS & TOR STEEL
133	STEEL SHEET -SS/CS/AS/LA
134	STEEL-COIL
135	STORAGE TANK
136	STORAGE TANK-FIXED ROOF SITE FABRICATED / FLOATING ROOF
137	STRAINERS
138	TANKER LOADING ARM
139	THREAD-STITCHING (COTTON/RAYON/POLYESTER)
140	TOOLS OF VARIOUS TYPES.
141	TORQUE CONVERTER (FLUID COUPLING)
142	TRUCK CHASSIS
143	TRUNNION ROLLER SHAFT ASSEMBLY
144	TUBE SHEET
145	TUBES C.I.GILLED
146	TUBES-FINNED
148	TYRES & TUBES
149	VALVES - DIAPHRAGM/ BUTTERFLY/ PLUG/BALL/KNIFE EDGE VALVES
	VALVES-GATE,GLOBE, CHECK, NEEDLE-CS/SS/AS/CAST
150	IRON/BRASS/BRONZE/ALLOY 20
151	VALVES-GLANDLESS PISTON TYPE
152	VESSEL TRAYS/VALVE TRAYS (TOWER INTERNALS)
153	VESSELS LEAD LINED / SS GLAD / LINED.
154	WASTE HEAT BOILER
155	WEIGH BRIDGES
156	WEIGH SCALES/PLATFORM SCALES (ELECTRONIC & MECHANICAL)
157	WELDING ACCESSORIES
158	WELDING ELECTRODES -MS/SS/CS/AS/SPL ELECTRODES
159	WELDING ROTATOR
160	WELDING SETS.
161	WIRE ROPE / POLYPROPYLENE ROPE
162	WORK SHOP EQUIPMENTS
	<b>SAFETY &amp; FIRE:</b>
1	AMBULANCE VAN
2	EMERGENCY SHOWERS & EYEWASH
3	SPRAY NOZZLE
4	FIRE HYDRANT INST FOAM SYSTM / FIRE HYDRANT VALVES

5	FIRE TENDERS
6	SAFETY SHOES-INDUSTRIAL/ SAFETY HELMET
7	BREATHING APPARATUS
8	SAFETY EQUIPMENTS/HAND HELD FIRE EXTINGUISHERS
9	PUMPS-FIRE WATER
10	WIND MONITORS/ SOCK
11	ALARM - FIRE ALARM SYSTEM.
12	FIRE EXTINGUISHERS BOX & CABINET/ FIRE HOSES/ EXTINGUISHER SPARES
13	PERSONAL SAFETY EQUIPMENTS
14	GAS DETECTORS
	Note: Please note that this is only a general listing of groups of items ususally required and is not an exhaustive list. The while making the enlistment, there will be sub groups based on different charateristics / requirements.