

Procurement planning - Tentative List (FY 2022-23)

As on April'22

1	Components of Hydro Turbine which can be fabricated on the basis of sample, specifications, dimensions and drawings etc. like labyrinths, facing plates, shaft sleeves, connecting rod, lever, link rod, Pin, bush housing, bushes, shear pin, Air admission Valves, Shaft Seal Assembly etc.
2	Generating Unit Auxiliary System like Power pack, HS lubrication system, Carbon dust collection system, Brake dust collection system, Slip ring Carbon brushes, Brake Jack system, Heat Exchangers, Chiller Plant, Air Handling Units/Blowers, Generator Air Coolers & External mounted coolers, Brake assembly, OPU Spares, SCADA & automation system and its components
3	Pump- motor set of various rating, Starter Panels, Air Handling System
4	Isolating & flow regulating valves for general purpose (e.g Gate valve, Butterfly Valve, Globe valve, Ball valve, Plug, NRV etc.)
5	Equipment of open switchyard e.g Circuit Breakers, Current Transformer, Voltage Transformer, Capacitive Voltage Transformers, Isolators, Lightning Arrestor, SF6 Gas handling trolley etc.
6	Generator Current Transformer, Generator Voltage Transformers, Surge Arrestor etc
7	415 V Switch Gears and Panels
8	HP/LP Compressor and their spares
9	Protection Relays, Auxiliary Relays
10	Auxiliary Transformers, Power Transformers, Distribution Transformers, Buchholz Relay, LV / HV Bushing etc.
11	Power, Control & Instrumentation (XLPE / PVC) Cables, Communication Cables, etc.
12	Hydro Generator Vibration/Air Gap/ Partial Discharge Monitoring System/Condition Monitoring system etc.
13	Illumination fittings / items / Accessories
14	Tools & instruments such as Insulation resistance tester, Winding resistance meter, Contact Resistance Meter, Multimeters, BDV test kit, PPM Kit, DGA Kit, Vibration meters, Dew Point Meter, Oil Bath Temperature calibrator, Precision Temp. Scanner/recorders, SF6 Gas Analyser, CB Analyser, OTDR, OFC Splicing Kit, Thermal Imaging Camera, Leakage Current Measuring Instrument, Clamp-on Ammeter, Hydran (Fault Gas Monitoring System), Oil Heater, etc.
15	Tools & Tackles - General purpose handling devices, hydraulic torque wrench, Hydraulic bolt tensioner, Precision measuring tools / instruments like dial gauges, Micro meters, Vernier Caliper, Screw Guage, Block levels, ladders, Earthling Rod (Telescopic), Rescue Rod, Electrical Insulating Gloves etc.

16	Instrumentation such as Flow meters, flow switches, pressure gauge, pressure switches, Pressure transmitters, Level transducer/transmitter, Level indicator, Level switch, Float switch, Limit switches, LVDT, RTD, DTT, thermometer, Annunciators, Various Transducers, GPS, Process Calibrator, Silt Analysis Lab Equipment, Energy Meter, Turbine Discharge Meter, Automatic Weather Station , Automatic Water Level Recorder (AWLR), etc.
17	LT Panels accessories such as extension Panel, Bus Bar, Contactors, MCCBs, MCB, fuses, Terminal Blocks, relays etc.
18	Inverter, On Line/Off line UPS, Battery Charger, Battery bank, Batteries, DG sets and its accessories
19	EPBAX, Phone sets, PA Systems, Video Conferencing System
20	Fire hose and its accessories, Various types Fire Extinguishers, Smoke/Heat Detectors, Deluge Valves
21	Miscellaneous items like hydraulic jack, wire rope, wire rope lubricating system, slings, chain pulley block, Gear Box Assembly, Welding Items/equipment, welding fume extractor, Explosive vapour detector, gasoline engine for power pack, hand tools, drilling machine, bending machine, grease gun, grinder, Power Hacksaw, Chain Saw, Handling cart, Fork lifter, Cutting equipment, Air Blower, Air fan, Siren, Pump/motor bearings, Vacuum Cleaner, Floor Cleaner, Grass Cutting machine, Steel Scap holding, Electric Incinerator, Borewell, Coupling bolts etc.
22	General purpose Pipes, fittings, hardware items like studs, bolts, nuts, screw, washers, pipes, bends, tees, coupling, flange, gasket etc, Rubber items like Cord, O-ring, Seal, Sheet, bush etc., Paints, Putty, Cotton Waste, Malmal/Markin/Duster cloth, DA/Oxygen Cylinder etc
23	Security Equipment e.g Camera, recorder, Boom Barrier, Metal Detector, Speed Breaker, Display Sign Board etc, Bullet Proof Helmet/jacket, Bomb Basket/Blanket, Binoculars, Tyre Killers, Wire less handsets etc.
24	Office equipment e.g Computer, Printers , Scanner, Photocopier, Projector, Networking devices, Biometric attendance System, Media Converter, Wireless system, Software, Anti-Virus, RO System, Water Purifier/cooler, Air purifier/humidifier, AC, TV, Geyser, Washing Machine, Heaters/Blowers, Oven, Furniture etc.
25	Loader cum excavator, with rock breaker arrangement , Tipper, EOT & Mobile Cranes of various capacity, Fork Lifters, Fire Tenders, Car, Water Tanker Trucks, Boat, Vehicle Spares, Tyres etc.
26	Trash Rack Cleaning Machine, Sewage Treatment Plant/ Composting Machine.
27	Elevators accessories.
28	Hospital Equipment, Medicines, Sanitisation Materials, hospital furniture
29	Diesel, Lubricants, Grease, Transformer Oil etc
30	Safety equipment (PPEs like Helmet, Shoe, Ear Muff, Mask, Dangri, Hand Gloves, Respirator etc)