

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
1	Trichy	BOERV, BOPRV, 97ERV, SRSRV	Safety Valves	Electromagnetic Relief Valves- ERV	ERV, Components and accessories like Pressure Switch, C-Seal, Piston ring etc	SPEC:ERV:014, Inconel -X750		103	
2	Trichy	CFOFE	OFE	forging	forgings -Spools, Bonnets, Adaptors, etc	AISI 4130/4140-60K, 75K		95	
3	Trichy	SSSHP	HP Valves	forging	forgings - Stem	X19CRMONTBVN11-1		45	
4	Trichy	FBTMR, HPBPV, SYHPL	HP Valves	HP Valve Components	HP Bypass Valves System - Hyd.Power unit, Isolation Valve, Spray control Valve, Limit Switch addy, Hoses etc.,	SPEC:HP:0043 & SPEC:HP:0046		25	
5	Trichy	MTOFE	Oil Field Equipments	OFE Flow adaptor, body hanger, tubing hanger	Premium threaded machined Items	-		10	
6	Trichy	SASVL, SSSHP, ASRVL	HP Valves	Stainless Steel Rods to DIN standards and Non Ferrous Rods	Stainless Steel Rods to DIN standards and Non Ferrous Rods	Alloy K500, X19CRMONTBVN11	DIN	23	
7	Trichy	BSTVL & TPSST	HP Valves	Stainless Steel Tubes	Stainless Steel Tubes	SA213TP316T1 & SA213TP304H		26	
8	Trichy	ACTOF	Oil Field Equipments	Hydraulic Actuator	Hyd Actuator	BHEL Specs: OF/086, 096 & 103		26	
9	Trichy	ACTOF, ACTQN	Oil Field Equipments & QCNRV Valves	Pneumatic Actuator	Pneu. Actuator - Piston Type & Scotch yoke type	BHEL Specs: OF/024,025089,094 &099 , VL:STDC.QN:012, 025 & 029		67	
10	Trichy	MPGFC CPU / 95CPU	Gravimetric Coal Feeder Controls	Central Processing Unit	Central Processing Unit	32 Bit Embedded Central Processing Unit		222	Proprietary Software item of M/s MPL AG Switzerland and a Licensed item
11	Trichy	43OAC	Steam Generator	Fuel Oil accumulator	Fuel Oil accumulator of capacities -25 litres and 50 litres	To take care of Oil header pressure fluctuations caused while cutting additional Oil burners, in a utility boiler with multi-burners. Balanced piston type with piston seals suitable for stated service temperatures and Oil filtration. Each accumulator shall be of single vessel with required accessories and charging kit. Magnetic level Switches or tell-tale rod System of indicating has to be provided.	ASME Boiler and Pressure Vessel Code Section VIII, Division 1	40	
12	Trichy	BWRCP	Steam Generator	Pumps	Boiler Recirculation Pumps	Gland less wet type pump . Mixed flow axial inlet , radial outlet spherical casing pump. Three phase squirrel cage induction motor.	BS EN ISO 9906 :2012 ,BS 4999, CEGB 620106 and GDCD 192 , GDCD 143	4110	
13	Trichy	99QEA	Steam Generator	Aluminium Scaffolding	Aluminium Scaffolding	Quick Erect Scaffold	To our drawing	4000	
14	Trichy	21SBV	Steam Generator	SBPRV	Soot Blower Pressure Reducing Valve	Soot Blower Pressure Reducing Valve	Body Specn 217C12A & to our Specification	500	
15	Trichy	99FMP	Steam Generator	Furnance Maitenance Platform	Furnance Maintenance Platform	Furnance Maintenance Platform	To our Specification	400	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
16	Trichy	MPGFC CPU / 95CPU	Gravimetric Coal Feeder Controls	Central Processing Unit	Central Processing Unit	32 Bit Embedded Central Processing Unit	Corporate R&D devt. BHEL (T) Spec. EMC Compliance to STD EN 50081-2, EN 50082-2 & EN 61000-6-2. Shock & Vibration Compliance to STD EN 60068-2-6 & EN 60068-2-27	222	
17	Trichy	MPGFC Load Cell / 97ACF	Gravimetric Coal Feeder	Weighing module	Weighing module	150 Lbs weighing module assy	IS:9281 (part II)-1979. Degree of Protection: EN60529	213	
18	Trichy	43OAC	Steam Generator	Fuel Oil accumulator	Fuel Oil accumulator of capacities -25 litres and 50 litres	To take care of Oil header pressure fluctuations caused while cutting additional Oil burners, in a utility boiler with multi-burners. Balanced piston type with piston seals suitable for stated service temperatures and Oil filtration. Each accumulator shall be of single vessel with required accessories and charging kit. Magnetic level Switches or tell-tale rod System of indicating has to be provided.	ASME Boiler and Pressure Vessel Code Section VIII, Division 1	40	
19	Trichy	BWRCP	Steam Generator	Pumps	Boiler Recirculation Pumps	Gland less wet type pump . Mixed flow axial inlet , radial outlet spherical casing pump. Three phase squirrel cage induction motor.	BS EN ISO 9906 :2012 ,BS 4999, CEGB 620106 and GDCD 192 , GDCD 143	4110	
20	EPD Bangalore	140069	Porcelain Insulator	Calcined Alumina Sec 47.0			-	1550	Required for both EPD and IP
21	EPD Bangalore	140076	Ceralin	Calcined Alumina Sec 50.0			-	850	Required for both EPD and IP
22	Jhansi	021001	Transformer	CRGO Steel Grade M4 - 27G051	C.R.G.O.Steel Sheet TO GR.27G051 (M4) QUALITY AS per Specification CPS AA 10905 REV 08 IN COIS and Size 0.27 MM THICK X 880 TO 1000 MM WIDE.	CPS AA 10905	BIS	617	
23	Jhansi	021002	Transformer	CRGO Steel Gr. MOH - 27H103M, 23H027H1, 30H105M	CRGO Steel Sheet (Cold Rolled Grain Oriented Electrical Steel Sheet IN COILS of Size 900 TO 1000 MM WIDTH, TO Specification BP10988 REV 04 27H 103 (MOH)OR 27HP110 Quality Grade	BP10988	BIS	1960	
24	Jhansi	021003	Transformer	CRGO Steel Gr. - 23L85M, 27L85M, 23L90M, 27L90M	CRGO Steel Sheet (Cold Rolled Grain Oriented Electrical Steel Sheet In COIL 900 To 1000 Mm Width, Specification 23PHD085 OR BIS Grade 23HP85D TO BP10984 REV 02.Thickness shall be 0.23 MM Specific Total Loss Shall Not Be Greater Than 0.85 Watt/Kg At 1.7 Tesla	BP10984	BIS	3641	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
25	Jhansi	021003	Transformer	CRGO Steel Gr. - 23L85M, 27L85M, 23L90M, 27L90M	CRGO Steel Sheet (Cold Rolled Grain Oriented Electrical Steel Sheet In COIL 900 TO 1000 MM WIDTH, Specification 23PHD085 OR BIS Grade 23HP85D TO BP10984 REV 02. Thickness Shall be 0.23 MM Specific loss shall not be Greater than 0.85 WATT/KG AT 1.7 TESLA.	BP10984	BIS	338	
26	Jhansi	131002	Transformer	Crepe paper	350 MICRON X 900 MM WIDE 100 % CREPE Kraft paper (TO CPS-AA21117 REV-03 AMD-02 TYPE-C)	CPS-AA21117	-	22	
27	Jhansi	131003	Transformer	Pure Water washed Kraft paper	125 MICRON X 750 MM WIDE AWW Kraft paper (PURE WATER WASHED Kraft paper) TO CPS AA21110 REV 06	CPS AA21110	-	15	
28	Jhansi	181001	Transformer	Resin Impregnated Bushings	-	-	-	12	
29	Jhansi	241003	Transformer	Cooler for Transformer (Double wall tube type)	Transformer-Oil-water-cooler (Double Tube) Type WKDH 100 EX Z with Leakage Indicator Type L1 (1 PC/ COOLER).	-	-	15	
30	Jhansi	261039	Transformer	Quick Coupling	Flat star A 250 Oil Coupling Male - (Quick Coupling set as per C.L.W. INDIA DRG. NO. CLW/ES/3/SK-1/0511 (ABB Switzerland DRG.NO. HSTN-422023) for "BOBO & COCO"TRFR(Flat Star A 250 Oil Coupling Male))	-	-	19	
31	Jhansi	421001	Transformer	Nickle Iron Ring Core	-	-	-	78	
32	Jhansi	461047	Transformer	Direct Hot spot Temperature Monitoring System	-	-	-	317	
33	Jhansi	461991	Transformer	Transformer Monitoring Cum TAP Changer	-	-	-	69	
34	Jhansi	461995	Transformer	Fully Automatic Digital capacitance & TAN delta measuring Set	-	-	-	52	
35	Jhansi	461998	Transformer	Online Dissolved gas analyser/ Online Dissolved gas monitoring System	-	-	-	166	
36	Jhansi	644999	Transformer P & M Spares	Root Pump	Pumping Speed: 8000 M3/H. Mains Requirement: 400 V, 50 Hz, Three Phase Motor rating: 22 KW	-	-	10	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
37	Jhansi	644999	Transformer P & M Spares	Rotary Vane Vacuum Pump	Pumping speed 500 M3/H, Final Pressure Total without Gas Ballast less than 0.06 M Bar, Final Pressure Total without Gas Ballast less than 0.6 M Bar, Motor rating: 15 KW, Motor Supply: 230/ 400 VOLT 50 HZ 3 Phase			86	
38	BAP Ranipet	R53103530000	SD462	Full Sector Basketed Cold and Enameled heating elements	Used in Air Heaters			36	
39	BAP Ranipet	552312948500	SD035	SPHERICAL ROLLER THRUST Bearings (Various Sizes)	-	SKF Catalogue		454	
40	BAP Ranipet	R52306950001	SD172	ANTI-BACKLASH WORM GEAR (Various Sizes)	Heavy Duty Jack used in Air heaters			98	
41	BAP Ranipet	R52306950002	SD172	ROTARY Limit Switch	Position(MAX/MIN) Indicator			98	
42	BAP Ranipet	R52306950003	SD172	Limit Switch ADAPTER KIT	Position Limiter			98	
43	BAP Ranipet	159111451000	RM036	CIRCULAR Plates TO SPEC ASTM A36	-	ASTM A 36		788	
44	BAP Ranipet	159421551450	RM036	CIRCULAR Plates TO SPEC SA515GR 65/70	-	SA 515 GR 65		788	
45	BAP Ranipet	R56163850000	SD457	Slow Turning Mechanism	Drive Mechanism for Fan motor			122	
46	BAP Ranipet	RFM130010000	SD228	Spacer Coupling	Connection for motor and fan			443	
47	BAP Ranipet	R56061010001	SD500	Hollow Piston Cylinder	Mounting and Dismounting Tool			84	
48	BAP Ranipet	971103800000	SD025	INA RING: 165/150X40	Sealing Ring / Spacer ring			153	
49	BAP Ranipet	R55432640000	SD533	Blade Shaft Bush	Spacing Ring			94	
50	BAP Ranipet	R55332330000	SD537	Spring Supported Shaft Seal	Sealing Ring / Spacer ring			20	
51	BAP Ranipet	R56568670000	SD199	Clutch for Fan Drives	Clutch for drives			25	
52	BAP Ranipet	R55330110000	SD511	Angular Position Transmitter	Position Indicator			20	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
53	BAP Ranipet	159423540000	RM052	Plates P355NH (Various Sizes)	-	P 355 NH Z35		28	
54	BAP Ranipet	159422090000	RM001	Plates NAXTRA 700 (Various Sizes)	-	NAXTRA 700		33	
55	BAP Ranipet	150984926500	RM032	Seamless Steel Pipes (Various Sizes)	-	16M03/15M03		70	
56	BAP Ranipet	159423333500	RM042	Haste Alloy Sheets 0.1X w	-	B575UNS10276		727	
57	Bhopal	721020-AEM01-7	Electric Motors	Bearing	Bearing Assembly DIN Standard Size 28 and Above		DIN:31690 & DIN:31693	10	
58	Bhopal	759100-AEM01-27	Electric Motors	MIS. Valve: Safety/RELIEF/PRESSURE RELIEIVING/DIRECTIONAL Control ETC&ACCESSORIES & Spares OF Valves	EEX-P System		IEC:60079-0, IEC:60079-2	10	
59	Bhopal	251100-AEM01-38	Electric Motors	Glass Backed Epoxy bonded MICA paper Sheet/Tape	Glass Sleeve /Glass Cloth	BP25787 (Glass Cloth)		16	
60	Bhopal	193300-AEM01-60	Electric Motors	STL-forG Stainless Steel (UPTO 1MT)	RETAINING RING (F)	BP19381		133	
61	Bhopal	105200-ATM02-63	Transportation	Alloy Steel BAR	Manganese Steel Flat	AA10530Rev01		17	
62	Bhopal	275000-ATM02-76	Transportation	ALL Insulating Varnishes	Silicon Resin for Hollec SIB 3551	Silicon Impregnating Resin Silres H62C or Equivalent	TM97234	276	
63	Bhopal	720190-ATM02-125	Transportation	Oil Rigs and its Components	Plug Socket Assy., Contach Assy. (for Oil RIG MOTORS)	item 2,3 & 4 only of Drg. 24391206001Rev06 and 24391206002Rev01		18	
64	Bhopal	237150-NFD01-18	Feeders - Switchgear, Transportation	EPOXY PRE-IMPREG/.Conducting POLYESTER FLEECE	Conducting POLYESTER FIBRE FLEECE	BP23799		33	
65	Bhopal	225200-NFD01-	Feeders - Switchgear, Transportation	PVF FILM	PVF Film	BP22599		40	
66	Bhopal	275000-NFD01-22	Feeders - Switchgear, Transportation	ALL Insulating VARNISHES	Semi Conducting varnish	SIB8001		10	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
67	Bhopal	251100-NFD01-34	Feeders - Switchgear, Transportation	Glass Backed Epoxy bonded MICA paper Sheet/Tape	Stress Grading Tape	Grade 217.21		137	
68	Bhopal	251100-NFD01-35	Feeders - Switchgear, Transportation	Glass Backed Epoxy bonded MICA paper Sheet/Tape	POLYURETHANE , EPOXY RESIN and MOWITAL TREATED GLASS Tape (L601)	BP25787		23	
69	Bhopal	251150-NFD01-138	Feeders - Switchgear	Silicon Bonded Glass backed MICA paper Sheet/Tape -	GM Loco material(SILICON RUBBER FIBRE GLASS Tape & WRAPper TO SPEC TM00285)	TM00285 or TM00284		339	
70	Bhopal	281150-NFD01-154	Feeders - Switchgear	Polymide (KAPTON) Film Covered Conductors	POLYIMIDE ENAMELED Copper Magnet Wire as per SPEC. TM02337 for TA9901 Stator	TM02337		1503	
71	Bhopal	101100-NSP01-13	Steel	Carbon Steel Plates	MS / MN Plates (Imported)	EN 10025	EN10025	262	
72	Bhopal	104100-NSP01-14	Steel	Boiler Quality (BQ) Steel Plate	BQ Plates (Imported)	ASTM A516 Gr. 60 and Gr. 70, EN10028	ASTM A516, EN10028	266	
73	Bhopal	105100-NSP01-15	Steel	Alloy Steel Plate/HT Plate	AS / HT Plates (Imported)	ASTM A537 Class I and Class II (Q&T)	ASTM A537	547	
74	Bhopal	720050-NST02-85	Thermal Condensor & Heat Exchanger	Blower unit Assembly/ Brake Dust collector Assembly/ To BHEL drawing	Vacuum Pumps/ Priming Pumps	CDE - 13 - 3315		464	
75	Bhopal	749210-NSW01-145	Switchgear-Traction	ASSY/SUB-ASSY. ELECTRICAL	DC Measuring System		THESE USED IN VERY LARGE CURRENT RECTIFIER System	11	
76	Bhopal	746300-NSW01-162	Switchgear-Traction	Power Capacitor	Power Capacitors for Aux Converter		Specification AS per EPCOS part NO.B43570 C4608	48	
77	Bhopal	107100-NSW01-209	Switchgear-Traction	Stainless Steel Plate/Sheet	Austenitic Stainless Steel strip		CG07004	17	
78	Bhopal	742260-NSW01-315	Switchgear-Traction	LIGHTNING ARRESTOR/SURGE DIVERTORS & SUPPRESSOR/NON-LINEAR Resistors /R.P.Resistor/Z.P.Resistor ETC.	Thyrite Resistors		35890030009 (9RV6A2)	25	
79	Bhopal	741400-NSW01-464	Switchgear-Traction	LIGHTING- LAMP/TUBE/HALOGEN/SODIUM VAPOUR LAMP & ACCESSORIES	LIGHTING- LAMP/TUBE/HALOGEN/SODIUM VAPOUR LAMP & AC-FLAMEPROOF LIGHTING PLUGS & SOCKETS (Imported), LIGHT FITTINGS (Imported)	No International or national Standard	DOUBLE GAUGE PLUGS & SOCKETS 20A,3P,N 230VAC for HAZ AREAS OF GAS GROUP 2ND A&B & ZONE 1ST and 2ND.	10	
80	Bhopal	720190-NSW01-510	Switchgear-Traction	Oil Rigs and its Components	Oil RIG & ITS Components, F/R CONTACTOR (Imported)	No International or national Standard	SPEC NO. OR 12551	15	
81	Bhopal	742160-NSW02-111	Switchgear	Vacuum Interruptors/Bottle	Vacuum INTERRUPTER, 12 KV 50 KA, 36 KV 40 KA, 36 KV 31.5 KA, 25 KV 25KA (PVTB)	IEC 62271. Tested with BHEL Breaker	Used in 12 kV, 50 kA swgr, 12 kV, 3510A swgr, 36 kV, 31.5kA/40 kA GIS	976	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
82	Bhopal	229140-NSW02-153	Switchgear	Heat Shrinkable Rubber tubes	Surge Arrester Connectors, LRM Indicators, Energy cable, Earthing Kit, Current Injection kit, Voltage Testing Kit (for GIS)	for Surge arresters -DIN VDE 0675, part 4/05.94 and IEC 99-4 for Connectors/current injection kit/Voltage testing kit/energy cable-IEC 60 502-4:2005 / DIN VDE 0278-629-1:2006 for LRM Indicators - EN 61243-5:2001	for surge arrester - Line discharge class: 1, Energy absorption capacity=2 kJ/kV, Rated Rated discharge surge current= 10 kA, 8/20 μs ,High peak current= 65 kA, 4/10 μs, Long-wave peak current =250 A, 2 ms, Short-circuit withstand current= 16 kA, 0,2 s for Connector - Max Operating Voltage-36 kV, Nominal current-630A. LRM Indicator-Pfisterer DSA-i3 make or equivalent. Energy cable-Size 2/3, 36 kV, 3core/single core. Current/Voltage Testing Kit for 36 kV as per suppliers's catalogue.	94	
83	Bhopal	229140-NSW02-507	Switchgear	Heat Shrinkable Rubber tubes	BUSHING with / withOUT VOLATGE TAP for GIS	EN50181	SG12508, Connection type Size 2 (800 A) and Size 3 (1250 A) at operating Voltage up to 36 (42) kV suitable for MV GIS application.	77	
84	Bhopal	229140-NSW02-508	Switchgear	Heat Shrinkable Rubber tubes	CABLE KIT for GIS	IEC 60 502-4:2005 / DIN VDE 0278-629-1:2006	Cable Kit suitable for energy cable of Size 2/3, 36 kV, 3core/single core.	19	
85	Bhopal	740350-NSW02-520	Switchgear	INSTRUMENT Transformers/Control Transformers/ REACTORS	PLUG IN V.T. for 33 KV GIS	IEC 60044-2	SG12445 for MV GIS , 36 kV range.	34	
86	Bhopal	211200-NTC01-20	Transformer Bushing & Capacitor	Kraft/ Crepe (with/without Al.FOil)paper	Crepe paper	IEC 60554-3	TRE202, Critical insulation item and low value. Approx. loading Rs 20000/ per transformer.	10	
87	Bhopal	8500-NTC01-73	Transformer Bushing & Capacitor	Material from Collaborators not covered elsewhere	Mastic Compound (Roebale Paste)/Epoxy M. Putty	NO IEC	TRE203,	11	
88	Bhopal	259300-NTC01-103	Transformer Bushing & Capacitor	Condenser Bushing	Bushing to BHEL Technical particulars	IEC 60137	Upto 400 KV, for GIS, HVDC and 800 KV	32	
89	Bhopal	211500-NTC01-127	Transformer Bushing & Capacitor	Press Board Sheet/Corrugated	Press Board Sheet(Imported Material)	IEC 60641, IEC 60763	AA21108, AA21109. Both pressboard being used in transformer.	277	
90	Bhopal	211510-NTC01-129	Transformer Bushing & Capacitor	Press Board Moulding	Moulded Component (Imported Material)	No IEC	AA21101, These items procured for one time for 765 KV class transformers.	34	
91	Bhopal	700120-NTC01-131	Transformer Bushing & Capacitor	Component of Press Board/paper Mphenolic/Asbestors Board.	SRBP CYLINDER	No IEC	AA21113/21114, Now shifting to Epoxy cylinder	14	
92	Bhopal	6600-NTC01-144	Transformer Bushing & Capacitor	Test Equipment	FRA KIT	No IEC	TRE 180	28	
93	Bhopal	259300-NTC01-150	Transformer Bushing & Capacitor	Condenser Bushing	Condenser type resin impregnated (RIP) Bushing	IEC 60137		1243	
94	Bhopal	700120-NTC01-156	Transformer Bushing & Capacitor	Component of Press Board/paper Mphenolic/Asbestors Board.	BEECH WOOD TOP RING	IEC61061	Size Limitation with Indian Suppliers. Procuring small Size of rings	56	
95	Bhopal	211200-NTC02-14	Transformer Bushing & Capacitor	Kraft/Crepe (with/ without Aluminium FOil) paper	Kraft Insulating paper(IMP)	AA 21110		41	
96	Bhopal	211300-NTC02-16	Transformer Bushing & Capacitor	Phenolic Coated Kraft paper	Low/MEDIUM/HIGH PHENOLIC Coated Kraft paper	AA 21113		63	
97	Bhopal	123240-NTC02-78	Transformer Bushing & Capacitor	Aluminium Foil	Aluminium Foil (IMP)	BC 00119, BP 12399		65	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
98	Bhopal	211100-NTC02-79	Transformer Bushing & Capacitor	Tissue paper	Tissue paper	AA 21133		65	
99	Bhopal	228160-NTC02-84	Transformer Bushing & Capacitor	POLYPROPYLENE FILM/Tape	PP FILM	BP 22861		246	
100	Bhopal	569100-NTC02-90	Transformer Bushing & Capacitor	Industrial Chemicals (not covered against other categories)	Capacitor Oil (MODIFIED AS per CL.A-5 OF MOM DT.18.6.13)	CR 90105, CR 90107		181	
101	Bhopal	724010-NFD05-0	Punching deburring machine	It carries endless abrasive belt and rotates at 2500 rpm. Belt removes the bur on the edges of punchings which are pressed feed against it. Dynamic balancing at 2500 rpm is must.	Contact Rubber Roller	As per BHEL developed drg. No. 2SP08007324		10	
102	CSU&FP Jagdishpur	SU1091717842	Stamping	CRNGO	0.65x975xc	AA10917, Rev.07		361	
103	CSU&FP Jagdishpur		Stamping	CRNGO	0.5x913xc	HG10062 Rev.05		544	
104	CSU&FP Jagdishpur	SU1091716986	Stamping	CRNGO	0.65x1015xc	AA10916, Rev.07		69	
105	CSU&FP Jagdishpur	SU1091716986	Stamping	CRNGO	0.65x1015xc	AA10916, Rev.07		30	
106	CSU&FP Jagdishpur	SU1091716943	Stamping	CRNGO	0.65x975xc	AA10917, Rev.06		17	
107	CSU&FP Jagdishpur	-	Stamping	CRNGO	0.5x710xc	HG10062 Rev.05		259	
108	CSU&FP Jagdishpur	SU1091715971	Stamping	CRNGO	0.5x970x1481, 73 degree	AA10915, Rev.08		339	
109	CSU&FP Jagdishpur	-	Stamping	Magnetic Steel varnish	Magnetic Steel varnish	Grade REMISOL		66	
110	CSU&FP Jagdishpur	-	Shunt	Epoxy paper	0.09x100xR	TG 60714		14	
111	CSU&FP Jagdishpur	-	packing paper	Polymide paper	0.09x900xR	AA22901		14	
112	CSU&FP Jagdishpur	-	Stator	Polyster Fleece	0.15x1000xRoll	HW23799		79	
113	EDN Bangalore	CT7426201023	C&I	Electrical	Thermostat Type 4142620	THERMOSTAT TYPE 4142620 Range: 5 Deg.C to 95 Deg.C Rating: 70 Deg.C TYPECODE: 414 2620 322 27 0000 0000 15 28 90 * TO BE CALIBRATED AT 70 DEG.CENTIGRADE *	MFG.STD/IS/DIN/BS ETC.	10	
114	EDN Bangalore	DA0659451387	C&I	Computer Hardware	Dna historian (Aspentech db) license	DNAhistorian (Aspentech db) license USB key Product Code: D201566	MFG.STD/IS/DIN/BS ETC.	74	
115	EDN Bangalore	DV0490020011	Sub-Assembly	Electronics	Heat Exchanger for ZLT1 & ZLT2	HEAT EXCHANGER for ZLT1 & ZLT2 DRG 3EHK250017	MFG.STD/IS/DIN/BS ETC.	176	
116	EDN Bangalore	DV0688170943	Sub-Assembly	Electronics	Transducer Shunt 750V/50MA 12/24VDC	Voltage Transducer 750V/50mA (nominal), +, - 12/24VDC SUPPLY Voltage.	MFG.STD/IS/DIN/BS ETC.	30	
117	EDN Bangalore	DV0688170960	Sub-Assembly	Electronics	Transducer Shunt 2800V/50MA	Voltage Transducer 2800V/50mA (nominal).	MFG.STD/IS/DIN/BS ETC.	42	
118	EDN Bangalore	DV0688170978	Sub-Assembly	Electronics	CAP MTL POLYPROP 0.2MF 5% 1650V	CAP MTL POLYPROP 0.2MF +/- 5% 1650V. Marking on Component GT2614M1	MFG.STD/IS/DIN/BS ETC.	12	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
119	EDN Bangalore	DV0688171001	Sub-Assembly	Electronics	Transducer Shunt400A/80MA	CURRENT Transducer 400A/80mA (nominal), +/-15VDC SUPPLY Voltage.	MFG.STD/IS/DIN/BS ETC.	10	
120	EDN Bangalore	DV0688171400	Sub-Assembly	Electrical	CAP MTL POLYPROP 1200MF 10% 700V	CAP MTL POLYPROP 1200MF +/- 10% 700V	MFG.STD/IS/DIN/BS ETC.	50	
121	EDN Bangalore	DV0692221000	Sub-Assembly	Electronics	RIDGE C-96PL.EE ABC5-215 950-1	RIDGE*C-96PL.EE ABC 5-215 950-1 DRG:HESN454539P9602 OEM AMP INC P/N: 5-215 950-1 HARTING P/N: 0903 196 2851	MFG.STD/IS/DIN/BS ETC.	10	
122	EDN Bangalore	DV0692301682	Sub-Assembly	Electronics	HEX Rotary Switch	ROHS device with Backward Compatibility OEM packing only. MA part NO: 82446 CURRENT RATING : 0.4 AMPS DC CONTACT RATING : 0.4 VA @ 20VDC	MFG.STD/IS/DIN/BS ETC.	10	
123	EDN Bangalore	DV0692331808	Sub-Assembly	Electronics	RES 100R 0.03% 0.25W 4PPM 303098	ROHS device with Backward Compatibility. OEM packing only. MA part NO: 082478 TO BE SUPPLIED IN Tape <-&<-> REEL	MFG.STD/IS/DIN/BS ETC.	43	
124	EDN Bangalore	DV0692341226	Sub-Assembly	Electronics	DC-DC CONV ISO SMD 1W O/P +12V 84mA	MA part NO:60022412,0 ROHS device with Backward Compatibility. OEM Tape and reel packing only.	MFG.STD/IS/DIN/BS ETC.	52	
125	EDN Bangalore	DV0692341234	Sub-Assembly	Electronics	DC-DC CONV ISO SMD 2W O/P 24V 83mA	MA part NO: 60022424,0 ROHS device with Backward Compatibility. OEM Tape and reel packing only	MFG.STD/IS/DIN/BS ETC.	48	
126	EDN Bangalore	DV0692341307	Sub-Assembly	Electronics	DC/DC CONV SMD RSS2415-H 1W O/P15V 66mA	MA part NO: 60022416,0 ROHS device with Backward Compatibility. OEM Tape and reel packing only.	MFG.STD/IS/DIN/BS ETC.	11	
127	EDN Bangalore	DV0692342028	Sub-Assembly	Electronics	IC DIFF TRNSCVR SN65LBC176D SOIC8 S	MA part NO: 60217612,0 ROHS device with Backward Compatibility. OEM Tape and reel packing only.	MFG.STD/IS/DIN/BS ETC.	16	
128	EDN Bangalore	DV0692342222	Sub-Assembly	Electronics	IC CPU MPC8247CVRTIEA PBGA516 S	MA part NO: 60401247,0 ROHS device with Backward Compatibility. OEM TRAY packing only.	MFG.STD/IS/DIN/BS ETC.	29	
129	EDN Bangalore	DV0692342958	Sub-Assembly	Electronics	RELAY 1-POLE SPDT COil 24VDC THT	MA part NO: 74020024,0 CONTACT RATING: 250VAC, 10A 30VDC, 5A ROHS device with Backward Compatibility. OEM packing only.	MFG.STD/IS/DIN/BS ETC.	15	
130	EDN Bangalore	DV0692344012	Sub-Assembly	Electronics	Connector SMD 2X9 PIN Right Angle	MA part NO: 71170918,0 OEM packing only.	MFG.STD/IS/DIN/BS ETC.	11	
131	EDN Bangalore	DV0692344039	Sub-Assembly	Electronics	Connector SMD 2X5/4 PIN Right Angle	MA part NO: 71170921,0 OEM packing only.	MFG.STD/IS/DIN/BS ETC.	21	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
132	EDN Bangalore	DV0692344209	Sub-Assembly	Electronics	Connector 2X9 PIN Female Straight	MA part NO: 71173018,0 OEM packing only.	MFG.STD/IS/DIN/BS ETC.	21	
133	EDN Bangalore	DV0692344217	Sub-Assembly	Electronics	Connector 2X5/4 PIN Female Straight	MA part NO: 71173019,0 OEM packing only.	MFG.STD/IS/DIN/BS ETC.	29	
134	EDN Bangalore	DV0692344284	Sub-Assembly	Electronics	Connector 2X7/5 ELEV Female Right Angle	MA part NO:71176910,0 OEM packing only.	MFG.STD/IS/DIN/BS ETC.	10	
135	EDN Bangalore	DV0692400010	Sub-Assembly	Electronics	IC FPGA CYCLONE II EP2C15AF48418N SMD	IC FPGA Altera Cyclone II 315IO 14.448LE 26KB 25MUL 4PLL OEM:ALTERA P/N:EP2C15AF48418N *OEM PACKAGING only. Loose packets and boxes not acceptable	MFG.STD/IS/DIN/BS ETC.	10	
136	EDN Bangalore	DV0692404325	Sub-Assembly	Electronics	FIBER OPTIC 29UW GAALAS OPF372A TH	Fiber OpticC 29UW GAALAS IN ST Receptacle OEM:OPTEK/TT Electronics P/N:OPF372A *OEM Packaging only.	MFG.STD/IS/DIN/BS ETC.	70	
137	EDN Bangalore	DV0692404333	Sub-Assembly	Electronics	RECEIVER FIBER OPTIC 5MBD OPF522 TH	Receiver Fibre Optic 5MBD OEM:OPTEK/TT ELECTRONICS P/N:OPF522	MFG.STD/IS/DIN/BS ETC.	72	
138	EDN Bangalore	EN7461413317	C&I	Electronics	RES Field Discharge 2480A;900V	Non Linear Field Discharge Resistor Metrosil Spec 6298/ 600A/US16/P USING 600A/US16/P RATING:2480A,900VMAX Test Voltage: 3.5KV RMS for 1 MIN. Energy Dissipation 45 KWS per Disc and no. of Parallel Disc S16. Equivalent to WIDAP RA482-(1/34) Terminals shall be suitable for Connection of 70SQ MM Cable	MFG.STD/IS/DIN/BS ETC.	52	
139	EDN Bangalore	PD0672720906	Sub-Assembly	Electronics	PROFIBUS DP I/F - PCI - 2Ch	2 Channel PROFIBUS DP Interface Card PCI Profibus DP Master/ Slave Interface SST-PB3-PCU-2 : D201563	MFG.STD/IS/DIN/BS ETC.	23	
140	EDN Bangalore	SN0659401584	C&I	Electronics	PB MDL 2PB+3LED 2NO 48X24MM EF 72.21.05	PB Module with 2PB and 3LED EF 72.21.05 Size:48X24 MM Button colour: 3.1-Red, 3.5-Green LED colour: 1.1-Green, 1.3-YELLOW, 1.5-RED CONTACTS:2NO per Push Button, GoldPlated Silver, LED with SERIES Resistor for 24V DC Module colour: RAL 7035 CONNECTION with PLU G-IN-Connector	MFG.STD/IS/DIN/BS ETC.	17	
141	EDN Bangalore	TI0668087005	TI	Electronics	Plug In Four C/O Relay D-U204	Plug In Four C/O Relay Make: Mors Smitt Type:D-U204	MFG.STD/IS/DIN/BS ETC.	13	
142	EDN Bangalore	TI0668103531	TI	Electronics	HIGH Voltage INDICATOR 48-4300VAC/DC	HIGH Voltage INDICATOR 48-4300VAC/DC,CABLE 2.35 MT Article Number : A4-14184-R1-A e f	MFG.STD/IS/DIN/BS ETC.	35	
143	EDN Bangalore	TI0668104058	TI	Electronics	Insulator M8 KIB H26 D8 M25 F	Insulator M8 H26-Male 25 Female. as per Dwg. 46881710023 R00	MFG.STD/IS/DIN/BS ETC.	32	
144	EDN Bangalore	TI0668104066	TI	Electronics	Insulator M10 KIB H35D 10FF	Insulator M10- H35 Female-Females per Dwg. 46881710027 R00	MFG.STD/IS/DIN/BS ETC.	16	
145	EDN Bangalore	CT9753405073	SC & PV	Electronics	HOUSING P56/57 (without Plating)	HOUSING P56/57 (without Plating)	MFG.STD/IS/DIN/BS ETC.	29	
146	EDN Bangalore	PV0679039392	SC & PV	Electronics	PV cell 156-mm Mono 4.54 W (3 Busbars)	PV cell 156-mm Mono 4.54 W (3 Busbars)	MFG.STD/IS/DIN/BS ETC.	1391	
147	EDN Bangalore	SC9890003430	SC & PV	Chemical	SILICON WAFER FZ NTD 125mm DIA,600um THK	Silicon Wafer FZ NTD 125mm DIA,600um THK	MFG.STD/IS/DIN/BS ETC.	54	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
148	EDN Bangalore	CN9751135222	C&I	Mechanical	SW ROT CAM C801AN742-01ER, 300764	ROTARY CAM Switch C801AN742-01ER SIEMENS Component STandARD REF:300764	MFG.STD/IS/DIN/BS ETC.	22	
149	EDN Bangalore	EN7461413317	C&I	Mechanical	RES FIELD DISCHARGE 2480A;900V	Non Linear Field Discharge Resistor METROSIL SPEC 6298/ 600A/US16/P USING 600A/US16/P RATING:2480A,900VMAX Test Voltage: 3.5KV RMS for 1 MIN. ENERGY Dissipation 45 KWS per DISC and NO_OF Parallel Disc S16. Equivalent TO WIDAP RA482-(1/34) TERMINALS SHALL BE SUITABLE for Connection of 70SQ MM CABLE	MFG.STD/IS/DIN/BS ETC.	52	
150	EDN Bangalore	EN7470121790	C&I	Mechanical	SINGLE CHANNEL SPEED MONITOR D1553.143U1	Single Channel Speed monitor Model:D1553.143U1 Microprocessor based freely programmable from its own program keys,password protected, fast tracking Response time <(><<>> 5 MS. Measuring accuracy +/- 0.01 % or better. Display 5 digit 14 mm LED characters, Red, floating decimal point programmable. 2 Analog outputs 4-20 mA DC(12 bits) into max. 500 Ohms load or 0-10VDC isolated. Alarms 4(four) alarms by SPDT contacts Ambient Tem.range 0 to +60 deg Cel.Power Supply 24 VDC (18-40V) .Mounting in 35mm Din-Rail snap on track enclosure	MFG.STD/IS/DIN/BS ETC.	69	
151	HERP Varanasi	ST10/02	TURBINE	3 PH. SQUARE INDUCTION CAGE MOTOR	3 PH. SQUARE INDUCTION CAGE MOTOR			42	
152	HERP Varanasi	ST10/05	TURBINE	SLIDING / LUBRITE Plates	SLIDING / LUBRITE Plates			13	
153	HERP Varanasi	ST10/03	TURBINE	REMOTE POSITION TRANSMITTER	REMOTE POSITION TRANSMITTER			10	
154	HERP Varanasi	ST01/09	TURBINE	FINISHED M/CD casting (CLAMPING PIECE)	FINISHED M/CD casting (CLAMPING PIECE)			56	
155	HPVP Visakhapatnam	TPSAP	BOILER	Pipes	LAS SEAMLESS Pipes OD 508.8 X THK 90 X LG 6500MM	SA 335 P22	ASME SEC-II,partA-2010	16	
156	HPVP Visakhapatnam	TPSCP	BOILER	Pipes	CS SEAMLESS Pipes OD 832 X THK 35 X LG 8900 MM	SA106 GR.C	ASME SEC-II,partA-2013	25	
157	HPVP Visakhapatnam	TPT91	BOILER	TUBES	LAS SEAMLESS TUBES OD 54 X THK 4.0 X LG10000 MM	SA213 T91	ASME SEC-II,partA-2013	30	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
158	HPVP Visakhapatnam	41HUB	FIRE HEATERS	FLAME BURNERS	FUEL GAS FIRED, LOW NOX, NATURAL DRAFT /forCED DRAFT ROUND FLAME BURNERS and ITS ASSOCIATED System.	AS per EIL SPECN		50	
159	IP Jagdishpur	C0002849	INSULATOR	JAPAN BALL CLAY /GAIROME CLAY	JAPAN BALL CLAY /GAIROME CLAY		NA	70	
160	PC-CHENNAI	80PRD	PIPING	Aux. PRDS - Valves	Aux. PRDS	Project Specific	ASME B31.1, the ASME Boiler & Pressure vessel code, Indian Boiler Regulation (IBR), ISA, Federal Occupational Safety and Health Standards, USA	307	
161	PC-CHENNAI	HCSNU	PIPING	Hydraulic Snubbers	Hydraulic Snubbers	Project Specific	Materials & construction shall conform to be as per MSS SP-58 & SP-69	101	
162	PC-CHENNAI	forYC	PIPING	FITTINGS	forged Y Piece - CS	As per TDC TDG : 104 / Rev 09 dt. 06.06.2015	IBR, SA 105	100	
163	PC-CHENNAI	forY9	PIPING	FITTINGS	forged Y Piece - F91	As per TDC TDG : 104 / Rev 09 dt. 06.06.2015	IBR, SA 182	265	
164	PC-CHENNAI	FIF91	PIPING	FITTINGS	forgings - F91	As per TDC TDG : 104 / Rev 09 dt. 06.06.2015	IBR, SA 182	193	
165	Hyderabad	IT.SD.029	Steam Turbines	Gear Coupling	Used for driving the Main Oil Pump	TC51003	--	16	
166	Hyderabad	IT.SD.030	Steam Turbines	Solenoid Valve	Used in Governing System	TC51112, TC51119, TC51131, TC51132	--	35	
167	Hyderabad	IT.SD.053	Steam Turbines	Deva Bearing	Used in Governing Assemblies	TC51209	--	11	
168	Hyderabad	IT.SD.058	Steam Turbines	Grounding Brush	Used in Bearing pedestals for earthing the Rotor currents.	TC51218	--	97	
169	Hyderabad	IT.SD.062	Steam Turbines	Tilting Pad Journal Bearing	Used for supporting the Rotor	TC51030	--	89	
170	Hyderabad	IT.SD.105	Steam Turbines	Position Transmitter	Used in Control Valve assembly	TC51280, TC51901, TC58077	--	50	
171	Hyderabad	IT.SD.130, LT.SD.025	Steam Turbines	Sliding Plate	Used to reduce the friction, while sliding of Casing, Pedestal Etc.	TC51993, TC58013	--	90	
172	Hyderabad	IT.SD.210	Steam Turbines	Brush Seal	for reducing the steam leakages	TC51349	--	438	
173	Hyderabad	LT.FO.010	Steam Turbines	Rotor forging	Used for High temperature HP-IP turbine	HY19489	--	436	
174	Hyderabad	LT.SD.063	Steam Turbines	Cross-around Piping	Used as connection between HP-IP & LP Turbines	TC56361	--	50	
175	Hyderabad	LT.SD.064	Steam Turbines	Hydraulic motor & it's Shafts, Flanges	Used for barring the turbine during Shut-down & Start-up	TC58005, TC58007, TC58008, TC58009, TC58010	--	38	
176	Hyderabad	TC.RM.002	Steam Turbines	Blade profiles	Used for Guide (Stationary) blades	HY10798	--	25	
177	Hyderabad	TC.RM.012	Steam Turbines	Caulking Wire	Used for caulking the Seal fins in Casing and Rotor	HW10778, HY10775	--	26	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
178	Hyderabad	TC.RM.013	Steam Turbines	Stainless Steel Stepped fins	Used for Sealing fins of Casing and Rotor	HW10785, HY10785	--	21	
179	Hyderabad	CM.SD.058	Compressors	Abradable Seal	Used for minimising leakages	Stainless Steel body with soft material coating in the sealing area (bore diameter)	Collaborator standard	10 NOS (2 NOS project) ~27 lacs	
180	Hyderabad	CM.SD.009	Compressors	Dry gas Seal	Tandem type dry gas seal with intermediate labyrinth and barrier seal	Used at compressor shaft ends to prevent gas leakage to atmosphere	API 614; NACE MR0175	20 NOS (2Main+2Spare Nos/ project) ~200 lacs	
181	Hyderabad	OE9757045020	Oil Rigs	500 TON AC Top Drive System (W/O Spares)		OE57045	NA	1817	
182	Hyderabad	OE9751358019	Oil Rigs	AC 2000 HP Draw Works		OE51358	NA	1042	
183	Hyderabad	OE9755561021	Oil Rigs	RIG Instrumentation System(W/O Spares)		OE55561	NA	400	
184	Hyderabad	OE9757084018	Oil Rigs	Hydraulic Drill Pipe tong Tong W/OUT Spares		OE57084	NA	237	
185	Hyderabad	OE9753517025	Oil Rigs	Linear Motion Shale Shaker,W/O Spares		OE53517	NA	159	
186	Hyderabad	OE9751326010	OilRigs	500 T HOOK		OE51326	NA	108	
187	Hyderabad	OE9751350018	OilRigs	Friction Type Brake		OE51350	NA	100	
188	Hyderabad	OE9753528116	OilRigs	1150HP AC Drilling Motor		OE53528	NA	86	
189	Hyderabad	OE9757052027	OilRigs	SPRING OperATED Power SLIP W/OUT Spares		OE57052	NA	60	
190	Hyderabad	OE9757056030	OilRigs	Linear Motion mudcleaner without Spares		OE57056	NA	48	
191	Hyderabad	OE9751362016	OilRigs	D/P,D/C and casing elevators		OE51362	NA	41	
192	Hyderabad	OE9757113026	OilRigs	DEAD LINE ANCHOR for 1-3/8" LINE Size		OE57113	NA	40	
193	Hyderabad	OE9757058025	OilRigs	30T BOP HandLING System W/OUT Spares		OE57058	NA	31	
194	Hyderabad	OE9757059030	OilRigs	2.5T AIR Winch W/OUT 2 YRS Oper. Spares		OE57059	NA	30	
195	Hyderabad	OE9757116017	OilRigs	Manual Tong W/O Additional Items		OE57116	NA	27	
196	Hyderabad	OE9757086029	OilRigs	Vacuum Type Degaser without Spares		OE57086	NA	22	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
197	Hyderabad	OE9757046027	OilRigs	PNEUMATIC D/Pipe Spinner W/OUT Spares		OE57046	NA	22	
198	Hyderabad	OE9757054020	OilRigs	PNEUMATIC Kelly Spinner W/OUT Spares		OE57054	NA	22	
199	Hyderabad	OE9757089028	OilRigs	CASING LINE SPOOLER withOUT Spares part		OE57089	NA	18	
200	Hyderabad	OE9751361010	OilRigs	D/P,D/C and CASING SLIP		OE51361	NA	16	
201	Hyderabad	C.FO.002	Turbo-Generator	Retaining Ring forgings	Non Magnetic Alloy Steel forging (X8CrMnN1818K)	HY19372	-	260	
202	Hyderabad	C.FO.002	Turbo-Generator	Ringnut forgings	Non Magnetic Alloy Steel forging (X8CrMnN1818K)	HY19372	-	50	
203	Hyderabad	C.FO.002	Turbo-Generator	Armature Heads forging	Non Magnetic Alloy Steel forging (X8CrMnN1818K)	HY19372	-	50	
204	Hyderabad	C.FO.010	Turbo-Generator	Rotor forgings (Above 25MT)	Alloy Steel (Gr: 36 Cr Ni Mo 4/ 26 Ni Cr Mo V 115/ 26 Ni Cr Mo V 145/ 26 Ni Cr Mo V 145)	HY19379 HY19382 HY19471 HW19476	-	1050	
205	Hyderabad	C.RM.002	Turbo-Generator	NMS Flats X120MN12 FLATS	Non-Magnetic Steel Flats (X 120 Mn 12)	HY10570 HW10578	-	50	
206	Hyderabad	C.RM.003	Turbo-Generator	NMS Rounds X40MN CR.(N) 19K	Non-Magnetic Steel Rounds (X40 Mn Cr N 19 K)	HY10571 HW10584 HW10784	DIN 17210	30	
207	Hyderabad	C.RM.011	Turbo-Generator	I. Sections (Profiles)	-	AA10112 HY0230061 TG60497	IS 9550- 2001	10	
208	Hyderabad	C.RM.024	Turbo-Generator	Rotor wedge Profiles	Aluminium Alloy (ALZNMG CU 1.5-F52)	TG65854	DIN 1747	25	
209	Hyderabad	C.RM.025	Turbo-Generator	Rotor wedge Profiles	Cupro Nickel Alloy (CU.NI.2SI)	TG65811 HW12199	DIN 17666	40	
210	Hyderabad	casting / FP9219306034	BFP	Inner casing Top & Bottom	Stainless Steel Volute Casing casting	HY19593-00	JIS G5121 SCS6 ASTM A 743 - CA6NM	280	10 Nos.
211	Hyderabad	casting / FP9219306042	BFP	Impeller 1st Stage, casting	Stainless Steel casting	HY19593-00	JIS G5121 SCS6 T1 ASTM A 743 - CA6NM	38	10 Nos.
212	Hyderabad	casting / FP9219306052	BFP	Impeller 2ND STG-CW,casting	Stainless Steel casting	HY19593-00	JIS G5121 SCS6 T1 ASTM A 743 - CA6NM	25	10 Nos.
213	Hyderabad	casting / FP9219306069	BFP	Impeller 3RD STG-CW,casting	Stainless Steel casting	HY19593-00	JIS G5121 SCS6 T1 ASTM A 743 - CA6NM	26	10 Nos.
214	Hyderabad	casting / FP9219306077	BFP	Impeller 4TH STG-CCW,casting	Stainless Steel casting	HY19593-00	JIS G5121 SCS6 T1 ASTM A 743 - CA6NM	25	10 Nos.

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
215	Hyderabad	casting / FP9219306085	BFP	Impeller 5TH STG-CCW,casting	Stainless Steel casting	HY19593-00	JIS G5121 SCS6 T1 ASTM A 743 - CA6NM	26	10 Nos.
216	Hyderabad	casting / FP9219324490	BP	Impeller casting	Stainless Steel casting	HY19593-00	JIS G5121 SCS6 T2 ASTM A 743 - CA6NM	103	10 Nos.
217	Hyderabad	casting / FP9218224000	CEP	Impeller 1ST Stage	Stainless Steel casting	HY19582	JIS G5121 SCS13 ASTM A 743 - CF8	51	10 Nos.
218	Hyderabad	casting /FP9219324555	CEP	Impeller INTER Stage,casting	Stainless Steel casting	HY19593-00	JIS G5121 SCS6 T2 ASTM A 743 - CA6NM	38	10 Nos.
219	Hyderabad	Sub delivery item / FP9760227002	BFP	Thrust Bearing Assy	Sub delivery item used for taking hydraulic thrust load of the pump	FP60227	MHI Collaborator standard	20	10 Nos.
220	Hyderabad	Sub delivery item / FP9760198010	BP	Thrust Bearing,6", 9.5KN	Sub delivery item used for taking hydraulic thrust load of the pump	FP60198	MHI Collaborator standard	14	10 Nos.
221	Hyderabad	Sub delivery item / FP9760216000	CEP	Thrust Bearing	Sub delivery item used for taking hydraulic thrust load of the pump	FP60216	MHI Collaborator standard	82	10 Nos.
222	Hyderabad	Blowers	Gas Turbine	Exhaust Frame Blowers	Blowers	1700mm WC discharge pressure	NIL	20	
223	Hyderabad	Valve, Purge	Gas Turbine	VA13 Valves	Valves ON/OFF air operated	Quick act Valves 4" #300	NIL	20	
224	Hyderabad	Cloth Seals	Gas Turbine	ASSY, Side Cloth Seal	Cloth Seals	Cloth Seals	NIL	11	
225	Hyderabad	Pump	Gas Turbine	Piston Type Hydraulic Oil Pump	Accessory Gear Box Driven Pump	Flow: 16.5, Max Speed: 2200 RPM, Discharge Pressure 1200 PSIG	NIL	20	
226	Hyderabad	Diesel Engine	Gas Turbine	Diesel Engine	IC engine	635 HP @ 2100 RPM	NIL	200	
227	Hyderabad	Pump	Gas Turbine	Two and Three Fuel Oil Pump	Accessory Gear Box Driven Pump	Discharge Pressure 1000 PSIG	NIL	300	
228	Hyderabad	Compressor	Gas Turbine	Single Stage High Speed Centrifugal Compressor	Single Stage compressor with gear Box	Input speed 600 rpm, Pressure Ratio 1.2	NIL	75	
229	Hyderabad	Flow Divider	Gas Turbine	Flow Divider	Convert single line to multiple lines	Multiple Gear Pump	NIL	75	
230	Hyderabad	Gas Valves	Gas Turbine	Hydraulically Actuated Gas Fuel Valve	Control the fuel flow based on GT feedback	Hydraulically operated gas fuel Valves	NIL	800	
231	Hyderabad	IGV Acuator	Gas Turbine	Hydraulically Actuated IGV Actuator			NIL	100	
232	Hyderabad	Fuel Oil Bypass Valves	Gas Turbine	Hydraulically Actuated Fuel Oil By pass Valve			NIL	120	
233	Hyderabad	Fuel Oil Stop Valve	Gas Turbine	Low Pressure Trip Fuel Oil Stop Valve			NIL	90	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
234	Hyderabad	Cylinders	Gas Turbine	Hydraulic Cylinders			NIL	50	
235	Hyderabad	Compressor	Gas Turbine	Rotary Compressor	Rotary Lobe Compressor		NIL	90	
236	Hyderabad	servo Valves	Gas Turbine	Servo Valves			NIL	30	
237	Hyderabad	LVDTs	Gas Turbine	LVDTs			NIL	15	
238	Hyderabad	Pump	Gas Turbine	Submerged Type Centrifugal Tube Oil Pumps			NIL	80	
239	Hyderabad	Fittings	Gas Turbine	Tube Fittings			NIL	20	
240	Hyderabad	Valves	Gas Turbine	6-Way Tranfer Valve			NIL	12	
241	Hyderabad	SG9610150063	EHV CB	35183001182-A	Non Return Valve	Rated for 450 bar	NIL	12	
242	Hyderabad	SG9617730006	EHV CB	15182001421	Pressure Switch	Range of setting 17 bar to 340	na	15	
243	Hyderabad	SG9611750021	EHV CB	45180406662	Resistor Disc	4.55 ohms & SG40139	na	27	
244	Hyderabad	SG9792013008	MLO	SG9201301	Radial Piston Pump (4 Ports)	SG92013	NA	10	
245	Hyderabad	GT9751619858	GT	GT51619-85	CONE ASSLY FUEL NOZZLE	GE part No: 227C9685G001	GE Code	20	
246	Hyderabad	SG1235758010	GT	SG50058-01	Nickel Aluminium (95:5)METCO450NS	Orelikon Metco 450 NS or Equivalent	Metco 450NS	12	
247	Hyderabad	GT9751241014	GT	GT51241-01	SPRING	GE part No:287A1290P001	GE Code	10	
248	Hyderabad	AA1011819260	Pulverisers	Plate 80 IS2062 GRE250(FE410W) QLT-Y-B		AA10119		133	
249	Hyderabad	AA1011819279	Pulverisers	Plate 90 IS2062 GRE250(FE410W) QLT-Y-B		AA10119		22	
250	Hyderabad	AA1011819287	Pulverisers	Plate 100 IS2062 GRE250(FE410W) QLT-Y-B		AA10119		24	
251	Hyderabad	AA1011819295	Pulverisers	Plate 110 IS2062 GRE250(FE410W) QLT-B		AA10119		66	
252	Hyderabad	BA9753026013	Pulverisers	Dirty Pitot Tube		BA53026		18	
253	Hyderabad	BA9753040016	Pulverisers	Multi Point Rotary Probe		BA53040		108	
254	Hyderabad	BA9756099003	Pulverisers	M56X4 Metric Torque Nut		BA56099		19	
255	Hyderabad	BA9756199008	Pulverisers	Level Switch Seal air Header		BA56199		10	
256	Hyderabad	HY1051876095	Pulverisers	PLT AS 12 HIGH YS		HY10576		26	

SI no	Unit	Material Category/ Code	Main Product	Item name	Description	Broad Specifications	Associated International Standards/ Codes	Indicative Approx. annual requirement (Rs. Lakhs)	Remarks
257	Hyderabad	HY1051876117	Pulverisers	16 THK Alloy Steel Plate with HIGH YS		HY10576		24	
258	Hyderabad	HY1051876133	Pulverisers	20 THK Alloy Steel Plate with HIGH YS		HY10576		15	
259	PEM Noida	510-11000-A	Power Cycle-TG	GCB	Generator circuit Breaker			422	
260	PEM Noida	613A	Power Cycle-TG	VIS	VIS for TG Foundation			563	
261	PEM Noida	100-77000-A	Power Cycle-TG	SLBV	Spring Loaded Bypass Valves			289	