

GROUP A BASIC RAW MATERIAL CONSUMABLE

NUMBER DESCRIPTION

A1	FUEL - OIL, GAS-OIL AND PETROL
A3	SF6 GAS
A5	CARPENTRY ARTICALS
A7	CHEMICAL PRODUCTS
A8	ANTI - CORROSIVE PAINTING
A9	LOCKS
A10	STEEL CABLES
A11	BLACK AND GALVANIZED STEEL PIPES WITH ACCESSORIES
A13	GALVANIZED STEEL STRUCTURES
A14	P.V.C PIPES
A18	REFRACTORY BRICKS FOR HEATERS
A19	INSULATING CALORIFIC PRODUCTS
A21	RESIN FOR IONS INTERCHANGES FOR INSTALLATION OF THE DERMINERALIZATION OF SOFT WATER
A24	OIL (DIELECTRIC, COMMAND, LUBRICATE AND GREASE)
A26	NON - FERROUS MATERIALS, ANGLES, LAMINATE AND TREFILES
A27	NITROGENE N ₂
A28	CARBON DIOXIDE CO ₂

GROUP B	TOOLS-TRANSPORTATION-HANDLING- STOCK
NUMBER	DESCRIPTION
B1	TRUCK LOAD > = 3 T
B2	PICK UPS
B3	JEEP TRUCKS
B4	WAGON STATION
B5	PICK UPS EQUIPPED WITH INSULATED BASKET WITH UNMOVALABLE ARMS
B7	TROLLEY TRANSPORTING ELECTRICAL ELEVATORS
B8	ELEVATORS
B9	BUSES AND VANS
B10	METALLIC TANKS
B13	WORKSHOPS FOR MAKING OF METALLIC BOXES FOR THE TRUCKS AND PICK UPS
B15	RUBBER TIRES
B16	CRANES
B17	BRIDGE TILL 80T
B18	TOURIST VEHICLES
B19	MACHINES - TOOLS FOR MECHANICAL WORKSHOP
B23	AIR COMPRESSORS
B25	EARTHING AND SHORT CIRCUIT EQUIPMENT, SAFETY MATERIALS AND TOOLS
B27	TRUCK - CRANES FROM 4 TO 12 TONS CAPACITY - CRANE: FROM 500 TO 5000 KGS
B28	BALL BEARINGS
B29	TRANSPALET < 3T

GROUP C FURNITURE - PRINTS – CLOTHES

NUMBER DESCRIPTION

C1 BANK NOTES COUNTERS

C2 FURNITURE

C3 DRAWING COPY MACHINES

C4 PRINTERS

C5 BLUE PAPERS

C6 CLOTHES

C7 CALCULATORS

C8 OFFICE SUPPLIES

C10 COMPUTER HARDWARE

C12 CONTINUOUS PAPERS

C14 EQUIPMENTS FOR FACONNAGE CONTINOUS
PAPERS

C16 PHOTOCOPY MACHINES

C17 EVENT FAULT RECORDER PRINTER

C18 OXILLOPERTURBO GRAPH

C19 CAMERA

C20 SAFETY EQUIPMENTS

C21 MONITORING DEVICE

GROUP D MEASURING DEVICES – ELECTRICAL
TRANSMISSION

NUMBER	DESCRIPTION
D1*	ELECTRICAL METERS DEVICES
D2	ELECTRICAL MEASURING
D5	TRANSMITTER-RECEIVERS FOR WAVE LINKS (30 - 300 KCYCLES)
D6	DETECTOR FAULT EQUIPMENTS FOR CABLES
D7*	MATERIALS FOR TRANSMISSION AND HANDLING OF INFORMATION RELATIVE TO H.V. ELECTRICAL NETWORK
D8	CENTRAL REMOTE CONTROL SYSTEMS
D9	RADIOS - TELEPHONES EQUIPMENTS
D10*	LINE MATERIALS FOR H.F.LINKS (LINE TRAP AND COUPLING CAPACITORS)
D11	TELEPHONE DEVICES
D12	MULTI CHANNELS MAGNETIC REGISTERING DEVICES
D13	DEVICES FOR MEASURING VIBRATION AMPLITUDE OF GENERATORS
D14*	CALIBRATING STATIONS FOR ELECTRICAL METERS
D17	DETECTION DEVICES AND LUMINOUS SIGNPOSTING OF FAULTS ON H.V. UNDERGROUND NETWORK
D18	EMF (ELECTRO MAGNETIC FIELD) METER
D19	GAS SF6 LEAK DETECTORS
D20	DEVICE FOR MEASURING EARTH RESISTANCE
D21	DEVICE FOR SURGE ARRESTER TESTING OF LEAKAGE CURRENT
D22	DEVICE FOR MEASURING INTERIOR ISOLATION TRASFORMER DOBLE
D23	THERMAL IMAGER DEVICE

GROUP E	ELECTRICAL ENERGY DISTRIBUTION
NUMBER	DESCRIPTION
E1	WOODEN POLES
E2*	CYLINDRICAL METALLIC TOWERS
E3	TOWER STEEL STRUCTURES AND SUPPORTS
E4*	TWISTED ISOLATED LV CABLES
E5	HOT DIP GALVANIZED TOWERS
E6	BARE COPPER CABLES
E7	ALUMINUM BARE CABLES AND ITS ALLOYS
E8*	LV SHIELD CABLES, ISOLATED CABLES <=430V
E9*	INSULATED CABLE MV <57 KV
E10*	TWISTED ISOLATED MV CABLES
E11	OIL PRESSURE IMPREGNATED PAPERS >=57KV HV INSULATED CABLES
E13*	POWER TRANSFOS MV & MV/LV
E14*	POWER TRANSFOS HV & HV/MV
E15*	HV PLASTIC INSULATED CABLES > =72KV
E16*	HV PLASTIC INSULATED CABLES 57 KV <=ONE <72KV
E17*	LV AND MV MEASURING TRANSFORMERS
E18*	HV MEASURING TRANSFORMERS >=57KV
E19	JUNCTION, TERMINATION AND ACCESSORIES FOR CONNECTING OF LV & MV INSULATED CABLES
E20	PORCELAIN INSULATORS
E21	SYNTHETIC INSULATORS
E22	BUSHING & HV BUS BAR POST INSULATORS >=57KV
E23	HV GLASS INSULATORS
E24	PLASTIC BOXES AND BRANCHING & METERS
E26	PREFORMED MATERIAL OR EQUIVALENT
E27	OTHER BROCKETS
E28	GALVANIZED BROCKETS AND ACCESSORIES FOR INSULATORS STRINGS
E29	SHEET METAL ARTICALES
E30	SMALL SMELTING ARTICLES
E31	SMALL IRONWORK ARTICLES
E32	INSULATING OILED SHEETS
E34	EARTHING RODS
E35*	LV CIRCUIT BREAKERS

E37*	PROTECTION RELAYS
E38*	CONTACTORS LV (SWITCH)
E39*	ONE & THREE POLES AUTOMATIC AUTOCLOSERS WITH A VOLAGE CONTROL INTERLOCKING DEVICE
E40	LV FUSE
E41*	LV FUSE WITH H.P.C.
E42	LV DISTRIBUTION BOARD
E43*	MV FUSES<57KV WITH H.P.C.
E44*	FUSES WITH CARTRIDGE FUSE LOCK FOR MV<57KV
E45	DISCONNECTOR SWITCH ONE POLE & TRIPOLES TYPE INTERIOR & EXTERIOR MV<57KV
E46*	DISCONNECTOR SWITCH MV<57KV WITHLOAD
E47	DISCONNECTOR SWITCH HV>=57KV
E49*	THREE POLES CIRCUIT BREAKERS MV<57KV
E50*	CIRCUIT BREAKERS HV>=57KV
E52	SURGE ARRESTERS MV<57KV
E53*	SURGE ARRESTERS 66/72.5KV
E54*	SURGE ARRESTERS HV>=150KV
E55*	CAPACITORS MV<57 KV
E56*	GIS BAY (SF6) FOR HV>=66KV
E57*	UNIT SUBSTATION CONSUMER TYPE MV/LV – INTERIOR AND EXTERIOR
E58*	FUSIBLE SWITCH WITH LOAD WITH H.P.C >=500 MVA FOR 1>11KV
E59	PLASTIC WARNING NET WIRE FOR PROTECTING THE CABLES
E60	INSULATING MATERIAL FOR MAKING UP OF JOINT BOXES OR SEALING ENDS FOR OIL IMPREGNATD INSULATED CABLES
E61*	MOBILE S/S 66KV/MT OR 150KV/MV
E62*	PREFABRICATE CUBICLES WITH WITHDRAWBLE CIRCUIT BREAKER MV<=57KV
E63	PRESTRESSED CONCRETE TOWER
E64	EQUIPMENT TO CARRY THE DRUMS AND FOR CABLE STRANGING
E65	TEMPERED GLASS INSULATORS MV & LV
E67	TOOLS FOR THE CONSTRUCTION AND OPERATION TRANSMISSION LINES
E68*	PREFABBRICATED CUBICLES MV
E69	THERMAL RELAY

E70

TIMER RELAY

E71

AUXILIARY RELAY

E72

GIS 220 KV SF6 ACCESSORIES & SPARE PARTS

GROUP F	LIGHTING - MOTORS – ELECTRICAL GENERATION MISCELLANEOUS
NUMERO	DESCRIPTION
F1	LIGHTING BULBS
F2	INTERIOR LIGHTING DEVICES
F3	EXTERIOR LIGHTING DEVICES
F4*	ACCUMULATOR BATTERIES
F5*	AIR COMPRESSOR WITH A CAPACITY OF MORE THAN 100 M3 PER HOUR AND A MINIMUM PRESSURE OF 10KG/CM3
F6*	EQUIPMENT FOR TREATMENT OF THE SOFT WATER
F7*	AIR CONDITIONNING DEVICES
F8*	AUTOMATIC EXTINGUISHING DEVICES WITH PULVERIZED WATER
F10	MOBILE INSTALLATIONS FOR OIL TREATMENTS OF TRANSFORMERS
F11*	PUMP
	F.11.1 CONDENS.EXTRACT.PUMPS
	F.11.2 FEED WATER PUMP
	F.11.3 PUMPS FOR GENER.SERVICE
	F.11.4 COOLING WATER PUMPS
F17*	CHLORE PRODUCTION DEPARTMENT
F18*	ELECTRICAL MOTORS
	F.18.1 ELECTRICAL MOTORS FOR CONDENS. EXTACT.PUMPS
	F.18.2 ELECTRICAL MOTORS FOR FEED WATER PUMP
	F.18.3 ELECTRICAL MOTORS FOR COOLING WATER PUMPS
F20	STATIC CONVERTERS
F22	BALLASTS FOR DISCHARGING BULBS
F23*	AIR HEATER
F24*	AUXILIARY BOILER

GROUP G	CONTROL ORGANISMS - INSURANCE
NUMBER	DESCRIPTION
G1	AGENCIES AND CONTROL OF RECEPTION
G2	CONSULTANTS
G3	SYSTEM ANALYST AND SOFTWARE DEVELOPMENT & IT
G4	OFFICES FOR CONTROL AND SUPERVISION MT LINES, POSTES, LT NETWORK AND BRANCHES
G5	LEBANESE INSURANCE COMPANIES
G6	CONSULTANT ENGINEERING FOR CIVIL CONSTRUCTION
G7	CONSULTANT ENGINEERING FOR THE SEALINE
G8	CONSULTANT MECHANICAL ENGINEERING - HEAT VENTILATION AIR CONDITIONNING (HVAC)
G9	CONSULTANT ELECTROMECHANICAL ENGINEERING - POWER GENERATION
G10	CONSULTANT PROCESS ENGINEERING
G11	CONSULTANT ELECTRICAL ENGINEERING – SUB STATION
G12	CONSULTANT TELECOMMUNICATON
G13	CONSULTANT ELECTRICAL ENGINEERING – TRANSMISSION

GROUP H	CONTRACTORS
NUMBER	DESCRIPTION
H1*	SUPPLIERS – CONTRACTORS OF SUBSTATIONS HV \geq 57 KV
H2*	HV OVERHEAD LINE EQUIPMENTS
H3*	HV DRY CABLES EQUIPMENT
H6	REPAIRING OF MV AND HV LINES
H8	TRENCH WORKS OF TOWERS IMPLANTATION
H9	TOWER PAINTING
H10	BRANCH ASSEMBLY
H11	DISTRIBUTION NETWORK WORKS AND MV/LV
H12	SEALINE OPERATING AND MAINTENANCE
H13	CONTRACTORS FOR REHABILITATION AND RECONSTRUCTION OF THE CIVIL ENGINEERING WORKS
H14	TOPOGRAPHIES HV LINES
H16	SPECIALIZED COMPANIES FOR WATERPROOF WORKS
H17	TRANSPORTATION OF FUEL PRODUCTS (BY TRUCK)
H18	WEIGHT TRANSPORTERS
H22	COASTAL WORK
H23	CLEANING WORKS FOR EDL'S HEAD OFFICE SUB- STATIONS
H25	ALUMINIUM CARPENTRY (JOINERY)
H26	INSTALLATION OF AIR-CONDITIONING
H28	ASSEMBLY WORKS FOR MECHANICAL AND ELECTROMECHANICAL EQUIPMENT AT EDL POWER PLANTS
H.28.1.1	CONTRACTORS FOR MECHANICAL HIGH PRESSURE AND TEMPERATURE
H.28.1.2	CONTRACTORS FOR ELECTRICAL HIGH VOLTAGE AND PROTECTION
H.28.2.1	CONTRACTORS ELECTROMECHANICAL – MECHANICAL WORKS IN THE POWER PLANT
H29	REPAIRING WORKS FOR LV AND MV TRANSFORMERS TILL THE MAX POWER OF 1000 KVA
H30	METALLIC TANKS CONSTRUCTIONS

- H31 GUARD SERVICE WORKS OF EDL
- H32 REPAIRING WORKS
 - H.32.1 REPAIRING WORKS FOR HV/HV AND HV/MV TRANSFORMERS < 72.2 KV
 - H.32.2 REPAIRING WORKS FOR HV/HV AND HV/MV TRANSFORMERS < 170 KV
 - H.32.3 REPAIRING WORKS FOR HV/HV AND HV/MV TRANSFORMERS < 245KV

GROUP I	ENGINEERING
NUMBER	DESCRIPTION
I1	PROCESS ENGINEERING
I2	MECHANICAL ENGINEERING
I3	ELECTRICAL ENGINEERING
I4	I&C ENGINEERING

GROUP J ERECTION & CONSTRUCTION

NUMBER DESCRIPTION

J1 CIVIL WORKS – ON SHORE

J2 ERECTION WORKS –OFF SHORE

J3 ELECTR.& I&C INSTALLATION

GROUP K SUBCONTRACTORS

NUMBER DESCRIPTION

K1	FUEL OIL SEA LINE
K2	COOLING WATER SYSTEM
K3	ON SHORE WORKS
K4	ERECTION

GROUP L MAIN EQUIPMENT

NUMBER DESCRIPTION

L1	GAS TURB. & ASSOC.EQPT
L2	STEAM TURB. & ASSOC.EQPT
L3	ELECTRICAL GENERATOR
L4	HEAT RECOVERY BOILER
L5	MAIN CONTROL SYSTEM
L6	STEAM BOILERS & ASSOCIATED EQUIPMENT

GROUP M	MECHANICAL. EQUIPMENT
NUMBER	DESCRIPTION
M1	DEAERATORS
M2	L.P. HEATERS
M3	STEAM CONDENS.(WATER)
M4	MAIN BUTTERFLY VALVES
M5	CONDENS.CLEANING SYSTEM
M6	PIPING SYSTEM PIPES (PREFABRICAT.)
M7	VALVES
M8	VALVE ACTUATORS
M9	SCREEN PLANT AT C.W INTAKE
M10	WATER DEMINERALIZ.PLANT
M11	WASTE WATER TREAT. PLANTS
M12	POTABLE WATER PLANTS
M13	LIGHT, HEAVY & CRUDE OIL SYSTEMS
	M.13.1 FILTERS
	M.13.2 OIL HEATERS
	M.13.3 FUEL OIL TREATMENT
M14	GAS REDUCING STATION
M15	DIESEL GENERATORS
M16	THERMAL INSULATIONS

GROUP N	ELECTRICAL SUPPLIERS
NUMBER	DESCRIPTION
N1	MAIN GENERATOR AND ACCESSORIES
N.1.1	EXCITATION SYSTEM BUS DUCTS
N2	POWER TRANSFORMERS
N.2.1	AUXILIARY TRANSFORMERS (CAST RESIN)
N3	GENERATOR MAIN CONNECTIONS
N.3.1	ISOPHASE BUS DUCTS
N.3.2	EQUIPMENT FOR GAS TURBINE PCC
N4	EQUIPMENT FOR GAS TURBINE SIEMENS PCC
N5	MEDIUM VOLTAGE EQUIPMENT
N.5.1	NEUTRAL GROUND.RESISTORS
N6	LOW VOLTAGE SWITCHGEAR
N.6.1	POWER CENTER SWITCHGEAR
N.6.2	MOTOR CONTROL CENTER SWITCHGEAR
N.6.3	DISTRIBUTION SWITCHGEAR
N.6.4	AIR AND MOLDED CASE C.B
N.6.5	LV. CONTACTORS
N7	EMERGENCY EQUIPMENT
N.7.1	BATTERY CHARGER/RECTIFIER
N.7.2	INVERTERS AND U.P.S
N8	CONTROL, PROTECTIONS AND METERING
N.8.1	ELECTRICAL PROTECTIONS FOR POWER STATION
N9	ELECTRICAL MISCELLANEOUS
N.9.1	GROUNDING SYSTEM
N.9.2	POWER AND CONTROL CABLES
N.9.3	CATHODIC PROTECTION
N10	INTERPLANT COMMUNICATION & CLOCK SYSTEM
N.10.1	PAGE/PARTY LINE SYSTEM
N11	H. V. EQUIPMENT
N.11.1	G.I.S. SWITCHGEAR (220KV)
N.11.2	CONVENTIONAL SWITCHGEAR (66KV)

GROUP O I & C SUPPLIES

NUMBER DESCRIPTION

O1	DISTRIB.CONTROL SYSTEM
O2	CONTROL VALVES
O3	TURBINE BY-PASS CONTROL VALVES
O4	PROCESS SWITCHES
O5	PROCESS GAUGES
O6	GAS ANALIZERS
O7	WATER/STEAM ANALISYS
O8	PCC - GAS TURBINE CONTROL CENTER

GROUP P ACCOMMODATION AND LOGISTICS

NUMBER DESCRIPTION

P1 HOTELS

P2 CAR RENTAL

P3 TRAVEL AGENCIES

P4 BUSINESS CENTER SERVICES

GROUP LIST

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