

Annex (2)
Phase 12
(Electricity Sector)

04 - 0000A - REQUIREMENT LIST OF POWER STATIONS AND NETWORK

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SECTION -A- 01- AL - MUSSAIB POWER STATION

CODE	ITEM	QYT
04-01-00001	TURBINE SYSTEM EQUIPMENT AND SPARES	10000 PCS+ 5000 SETS
04-01-00002	BOILER TUBES & ACCESSORIES	100000 PCS
04-01-00003	BOILER AUXILIARY SYSTEM AND SPARES	2000 TUBES+ 2000 SETS
04-01-00004	PACKING , SEALING RING OF DIFFERENT SIZES	6500 KG. + 10 000 SHEETS
04-01-00005	AIR HEATERS WITH SPARES	4 SETS + SETS
04-01-00006	CONDENSER TUBES WITH ACCESSORIES	50000 PCS.+1000 SETS
04-01-00007	PUMPS , COMPRESSORS AND ROTARY MACHINES & SPARES	1000 NOS + 500 SET.
04-01-00008	SWITCH YARD EQUIPMENT AND ACCESSARIES & SPARES	12000 NOS+ 600 SET.
04-01-00009	POWER TRANSFORMERS WITH SPARES	2 UNITS + 1000 SETS
04-01-00010	VALVES OF VARIOUS SIZES AND SPARES	10000 NOS. + 5000 SET
04-01-00011	CHEMICALS FOR WATER TREATMENTS	1000 TONS
04-01-00012	WATER TREATMENT EQUIPMENT AND SPARES	2000 PCS+5000 SET.
04-01-00013	CORTEN STEEL	500 TONS
04-01-00014	CONTROL , MEASURMENT AND PROTECTION SYSTEMS &SPARES.	5000 PCS+1000 SET.
04-01-00015	DC POWER SUPPLY EQUIPMENT & SPARES	220 UNITS+5000 NOS + 1000 SETS
04-01-00016	GENERATOR , SYSTEM EQUIPMENT & SPARES	250 SETS +2000 NOS
04-01-00017	REHABILITATION AND ENGINEERING SERVICES	4 UNITS
04-01-00018	ELECTRODES OF DIFFERENT SIZES	50 TON
04-01-00019	TURBINE OIL	1000 TONS +100 000 LIT
04-01-00020	SPARE PARTS OF AL-MUSSAIB TURBINES (ROTOR - BLADES DIAPHRAM ,ELECTRONIC COMPOENTS ...ETC.)	175 SET
04-01-00021	GAS TURBINES WITH ACCESSARIES	4 UNTS
04-01-00022	FIRE FIGHTING EQUIPMENT WITH SPARES	200 UNITS +1000 PCS + 500 SETS
04-01-00023	TEST EQUIPMENT OF DIFFERENT TYPES AND SPARES	50 UNITS + 100 PCS +1000 SETS
04-01-00024	AIR COOLED CHILLER WITH ACCESSORIES	100 UNITS + 1000 PCS. + 500 SETS
04-01-00025	COMBINED CYCLE UNITS (2X125) MW	2 UNITS
04-01-00026	POWER CABLES OF DIFFERENT SIZES	50 KM
04-01-00027	POWER STATION EXTENTION (2X350) MW	2 UNITS
04-01-00028	SUPPLING BLADES AND SUPERVISION	10 SET .

SECTION -A- 02 - DAURA POWER STATION

CODE	ITEM	QTY
04-01-00029	TURBINE SYSTEM EQUIPMENT AND SPARES	10000 PCS + 1000 SET.
04-01-00030	BOILER TUBES WITH ACCESSORIES	50000 TUBES.+ 1000 SETS
04-01-00031	BOILER AUXILIARY SYSTEM WITH SPARES	1000 SET + 2000 PCS.
04-01-00032	PACKING , SEALING RING OF DIFFERENT SIZES	5500 KG + 10 000 SHEET
04-01-00033	AIR HEATERS WITH SPARES	4 SETS + 1000 SETS
04-01-00034	CONDENSER TUBES WITH ACCESSORIES	250000 TUBES + 1000 SETS .
04-01-00035	PUMPS , COMPRESSORS , ROTARY MACHINES AND SPARES	2000 NOS + 10000 SET.

04-01-00036	SWITCH YARD EQUIPMENT AND ACCESSORIES	10000 SET + 5000 NOS
04-01-00037	POWER TRANSFORMERS WITH SPARES	2 UNITS + 1000 SETS
04-01-00038	VALVES OF DIFFERENT TYPES WITH ACCESSORIES	15000 NOS. + 4000 SET
04-01-00039	CHEMICALS FOR WATER TREATMENT	5000 TONS
04-01-00040	WATER TREATMENT EQUIPMENT WITH AUXILIARIES	5000 PCS. + 2000 SET
04-01-00041	CORTEN STEEL	100 TONS
04-01-00042	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS WITH SPARES	10000 PCS + 1000 SET.
04-01-00043	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	7500 UNITS+1000 NOS
04-01-00044	GENERATOR , SYSTEM EQUIPMENT AND SPARES	5000 SETS + 1000 NOS
04-01-00045	REHABILITATION AND ENGINEERING SERVICES ACCORDING TO ATTACHED LISTS	4 UNITS
04-01-00046	ELECTRODES OF DIFFERENT SIZES TURBINE OIL	250 TON 1000 TONS+ 100 000 LI
04-01-00047	FIRE FIGHTING EQUIPMENT WITH SPARES	200 UNITS +1000 PCS + 500 SETS
04-01-00048	TEST EQUIPMENT OF DIFFERENT TYPES	100 UNITS + 500 PCS
04-01-00049	AIR COOLED CHILLER WITH ACCESSORIES	100 UNITS + 1000 PCS. + 500 SETS
04-01-00050	GAS TURBINE WITH ACCESSORIES	2 UNITS
04-01-00051	POWER CABLES OF DIFFERENT SIZES	50 KM

SECTION -A- 03 - BAGHDAD SOUTH POWER STATION

CODE	ITEM	QTY
04-01-00052	TURBINE SYSTEM EQUIPMENT WITH AUXILIARIES	12000 PCS + 5000 SET.
04-01-00053	BOILER TUBES WITH ACCESSORIES	60000TUBES +1000 SETS
04-01-00054	BOILER AUXILIARY SYSTEM WITH ACCESSORIES	10000 PCS.+ 500 SET
04-01-00055	PACKING OF DIFFERENT SIZES	5000 TUBES +1000 SETS+10000 SHEETS
04-01-00056	AIR HEATERS	6 SETS
04-01-00057	CONDENSER TUBES WITH ACCESSORIES	50000 PCS.
04-01-00058	PUMPS , COMPRESSORS AND ROTARY MACHINES WITH SPARES	2000 NOS + 5000 SET.
04-01-00059	SWITCH YARD EQUIPMENT AND ACCESSORIES	200 SET + 100 NOS
04-01-00060	POWER TRANSFORMERS WITH SPARES	2 UNITS + 1000 SETS
04-01-00061	VALVES OF DIFFERENT TYPES WITH ACCESSORIES	10000 NOS.+ 1000 SET
04-01-00062	CHEMICALS FOR WATER TREATMENT	750 TONS
04-01-00063	WATER TREATMENT EQUIPMENT AND SPARES	20000 PCS + 1000 SET.
04-01-00064	CORTEN STEEL	300 TONS
04-01-00065	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS WITH SPARES	50000 PCS. + 2000 SET
04-01-00066	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	7500 UNITS+100 PCS
04-01-00067	GENERATOR , SYSTEM EQUIPMENT WITH ACCESSORIES	2000 SETS + 10000 PCS
04-01-00068	REHABILITATION AND ENGINEERING SERVICES ACCORDING TO ATTACHED LISTS	6 UNITS
04-01-00069	TURBINE OIL	1000 TONS+ 100 000 LI
04-01-00070	ELECTRODES OF DIFFERENT SIZES	250 TON
04-01-00071	GAS TURBINE WITH ACCESSORIES	3 UNITS
04-01-00072	FIRE FIGHTING EQUIPMENT WITH SPARES	200 UNITS +1000 PCS + 500 SETS
04-01-00073	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 1000 PCS
04-01-00074	AIR COOLED CHILLER WITH ACCESSORIES	100 UNITS + 1000 PCS. + 500 SETS
04-01-00075	GAS TURBINE UNITS WITH ACCESSORIES FRAME6 (2X40)MW	2 UNITS
04-01-00076	POWER CABLES OF DIFFERENT SIZES	50 KM
04-01-00077	FIBER GLASS FOR FURNANCE FRAME	1000 TON
04-01-00078	VARNISH	10 TON

04-01-00079	FIBER GLASS	50 TON
04-01-00080	MICA -CLASS FABRIC TAPE	10000 ROLL
04-01-00081	POWER TAPE M23	1000 ROLL

SECTION -A- 04 - ZAFARANIYAH DIESEL POWER STATION

CODE	ITEM	QTY
04-01-00082	REHABILITATION AND ENGINEERING SERVICES	4 UNITS.
04-01-00083	FIRE FIGHTING EQUIPMENT WITH SPARES	200 UNITS +1000 PCS + 500 SETS
04-01-00084	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 100 PCS

SECTION -A- 05 - QADISSIYAH HYDRO - ELECTRIC POWER TATION

CODE	ITEM	QTY
04-01-00085	TURBINE SYSTEM EQUIPMENT WITH ACCESSORIES	1000 PCS + 1000 SET
04-01-00086	GENERATOR SYSTEM EQUIPMENT WITH ACCESSORIES	1000 PCS + 100 SETS
04-01-00087	REHABILITATION OF UNIT GENERATOR	2 UNITS
04-01-00088	CONTROL ,MEASUREMENT AND PROTECTION SYSTEMS WITH ACCESSORIES	1500 PCS + 100 SETS
04-01-00089	SWITCH YARD EQUIPMENT WITH ACCESSORIES	400 SETS + 1000 SETS
04-01-00090	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	1250 UNITS + 1000 PCS
04-01-00091	GATES AND VALVES WITH ACCESSORIES	500 UNITS + 1000 PCS
04-01-00092	AIR COMPRESSORS AND ACCESSARIES	400 UNITS + 1000 SETS
04-01-00093	CABLE BOX TERMINATIONS WITH ACCESSORIES	140 UNITS
04-01-00094	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00095	TEST EQUIPMENT OF DIFFERENT TYPES WITH SPARES	100 UNITS + 500 PCS
04-01-00096	REHABILITATION OF THE AIR CONDITIONING SYSTEM FOR . THE P.S	500 UNITS + 500 SETS + 1000 PCS
04-01-00097	PUMPS , COMPRESSOR AND ROTARY	10 SET + 100 NOS

SECTION -A- 06- SAMARRA HYDRO - ELECTRIC POWER STATION

CODE	ITEM	QTY
04-01-00098	TURBINE SYSTEM EQUIPMENT WITH ACCESSORIES	50 SETS + 1000 PCS
04-01-00099	GENERATOR SYSTEM EQUIPMENT WITH ACCESSORIES	100 SETS + 1000 PCS
04-01-00100	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS WITH ACCESSORIES	30 SETS + 1000 NOS
04-01-00101	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	1100 UNITS + 1000 PCS
04-01-00102	GATES AND VALVES WITH SPARES	100 SETS + 1000 PCS
04-01-00103	AIR COMPRESSORS AND ACCESSARIES	60 SETS + 1000 PCS
04-01-00104	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00105	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 100 PCS
04-01-00106	POWER CABLES OF DIFFERENT SIZES	50 KM
04-01-00107	SWITCH YARD EQUIPMENT WITH ACCESSORIES	100 SETS + 1000 PCS
04-01-00108	PUMPS , COMRESSORS AND ROTARY MACHINES	10 SET + 100 NOS

SECTION -A- 07 - HIMREEN HYDRO - ELECTRIC POWER STATION

CODE	ITEM	QTY
04-01-00109	TURBINE SYSTEM EQUIPMENT WITH ACCESSORIES	100 SETS + 1000 PCS
04-01-00110	GENERATOR SYSTEM EQUIPMENT WITH ACCESSORIES	200 PCS. + 500 SETS
04-01-00111	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS WITH ACCESSORIES	100 PCS. + 1000 PCS

04-01-00112	SWITCH YARD EQUIPMENT WITH ACCESSORIES	100 SETS + 1000 PCS
04-01-00113	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	1200 UNITS + 500 PCS
04-01-00114	GATES AND VALVES WITH ACCESSORIES	100 SETS + 500 PCS
04-01-00115	AIR COMPRESSORS AND ACCESSARIES	20 SETS + 1000 SE
04-01-00116	GAS TURBINE WITH ACCESSARIES	4 UNITS
04-01-00117	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00118	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNIT + 500 PCS
04-01-00119	COMBINED CYCLE (2X125)MW	2 UNITS
04-01-00120	POWER CABLES OF DIFFERENT SIZES AND VALLAY	50 KM
04-01-00121	PUMPS , COMRESSORS AND ROTARY MACHINES	10 SET + 100 NOS

SECTION -A- 08 - NAJAF GAS TURBINE POWER STATION

CODE	ITEM	QTY
04-01-00122	TURBINE AND COMPRESSOR BLADES , MOVING STATIONARY WITH ACCESSARIES	(2000) NOS. + (4000) SET
04-01-00123	INNER CASING AND HOT PATH EQUIPMENT	(1000) NOS. + 500 SET
04-01-00124	COMBUSTION EQUIPMENT AND ACCESSARIES	1000 NOS + 500 SET.
04-01-00125	GAS UNITS STARTING DEVICE WITH ACCESSORIES	20 NOS. + 500 SETS
04-01-00126	CONTROL , MEASURMENT AND PROTECTION SYSTEMS WITH ACCESSORIES	1500 NOS. + 500 SET
04-01-00127	GENERATOR , EXCITATION AND ACCESSARIES	300 NOS. + 500 SETS
04-01-00128	PUMPS , MOTORS AND ROTARY MACHINES WITH ACCESSORIES	100 NOS. + 500 SETS
04-01-00129	BATTERIES , CHARGERS AND CONVERTERS WITH ACCESSORIES	500 NOS + 50 SETS
04-01-00130	SWITCH YARD EQUIPMENT WITH ACCESSORIES	100 NOS. + 500 SETS
04-01-00131	REHABILITATION AND ENGINEERING SERVICES ACCORDING TO ATTACHED LISTS	3 UNITS
04-01-00132	GAS TURBINE 165MW EACH WITH ACCESSARIES	2 UNITS
04-01-00133	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00134	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 500 PCS
04-01-00135	COMBINDE CYCLY UNITS (2X165)MW	1 UNITS
04-01-00136	SPARE PARTS FOR THE UNITS OF DIFFERENT TYPES	5000 SETS + 1000 PCS
04-01-00137	GAS TURBINE OIL	1000 TONS

SECTION -A- 09 - TAJI GAS TURBINE POWER STATION

CODE	ITEM	QTY
04-01-00138	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSARIES	1000 NOS. + 4 SETS
04-01-00139	INNER CASING AND HOT PATH EQUIPMENT	10000 NOS. + 400SETS
04-01-00140	COMBUSTION EQUIPMENT AND ACCESSARIES	10000 NOS. + 400SETS
04-01-00141	GAS UNITS STARTING DEVICE WITH SPARES	15000 NOS.+1000SETS
04-01-00142	CONTROL , MEASURMENT AND PROTECTION SYSTEMS.	1500 NOS.+ 500 SET
04-01-00143	GENERATOR , EXCITATION AND ACCESSARIES	1000 NOS.+ 500 SET
04-01-00144	PUMPS , MOTORS AND ROTARY MACHINES WITH ACCESSORIES	1500 NOS. + 500 SET
04-01-00145	BATTERIES , CHARGERS AND CONVERTERS WITH ACCESSORIES	1000 NOS. + 500 SET
04-01-00146	SWITCH YARD EQUIPMENT WITH ACCESSORIES	1000 NOS. + 500 SET
04-01-00147	REHABILITATION AND ENGINEERING SERVICES	7 UNITS
04-01-00148	REHABILITATION AND ENGINEERING SERVICES FOR MOBILE G.T. UNITS (IHI & GEC)	22 UNITS
04-01-00149	GAS TURBINE UNITS AND ACCESSARIES	2 UNIT
04-01-00150	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS

04-01-00151	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 500 PCS
04-01-00152	(8X15) MW MOBILE GAS TURBINE	8 UNITS

SECTION -A -10 - HILLA GAS TURBINE POWER STATION

CODE	ITEM	QTY
04-01-00153	TURBINE , ROTORS AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSORIES	1000 NOS. + 100 SET
04-01-00154	INNER CASING AND HOT PATH EQUIPMENT WITH ACCESSORIES	400 SETS + 1000 NOS
04-01-00155	COMBUSTION EQUIPMENT AND ACCESSORIES	2500 NOS 100 SETS
04-01-00156	GAS UNITS STARTING DEVICE WITH ACCESSORIES	2000 NOS+600 SETS
04-01-00157	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	1500 NOS.+ 500 SET
04-01-00158	GENERATOR, EXCITATION AND ACCESSORIES	1000 NOS. + 500 SET
04-01-00159	PUMPS , MOTORS AND ROTARY MACHINES WITH ACCESSORIES	550 NOS.+ 1000 SET
04-01-00160	BATTERIES , CHARGERS AND CONVERTERS	100 NOS. + 50 SET
04-01-00161	SWITCH YARD EQUIPMENT WITH ACCESSORIES	5000 NOS + 500 SETS
04-01-00162	REHABILITATION AND ENGINEERING SERVICES	4 UNITS
04-01-00163	GAS TURBINE UNITS & ACCESSORIES	2 UNITS
04-01-00164	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00165	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 500 PCS
04-01-00166	POWER CABLES OF DIFFERENT SIZES AND VALLAY	50 KM

SECTION -A- 11 - DAURA GAS TURBINE POWER STATION

CODE	ITEM	QTY
04-01-00167	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSORIES	6000 NOS + 600 SETS.
04-01-00168	INNER CASING AND HOT PATH EQUIPMENT WITH ACCESSORIES	1000 NOS.+ 600 SETS
04-01-00169	COMBUSTION EQUIPMENT AND ACCESSORIES	4000 NOS. 2500 SETS
04-01-00170	GAS UNITS STARTING DEVICE WITH ACCESSORIES	1000 NOS.+ 500 SET
04-01-00171	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	2500 NOS.
04-01-00172	GENERATOR , EXCITATION AND ACCESSORIES	1350 NOS+100 SET.
04-01-00173	PUMPS , MOTORS AND ROTARY MACHINES WITH ACCESSORIES	5000 NOS.+500 SET
04-01-00174	BATTERIES , CHARGERS AND CONVERTERS WITH ACCESSORIES	1750 NOS+ 100 SET
04-01-00175	SWITCH YARD EQUIPMENT WITH ACCESSORIES	150 NOS + 100 SET.
04-01-00176	REHABILITATION AND ENGINEERING SERVICES	4 UNITS
04-01-00177	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00178	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 500 PCS
04-01-00179	VALVES OF DIFFERENT TYPES	9000 NOS.
04-01-00180	CHEMICALS FOR WATER TREATMENT .	5000 TONS
04-01-00181	WATER TREATMENT EQUIPMENT	20000 PCS.+ 2000 SET
04-01-00182	CORTEN STEEL	300 TONS
04-01-00183	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	10000 PCS +2000 SET.
04-01-00184	DC POWER SUPPLY EQUIPMENT	4500 UNITS+4500 NOS
04-01-00185	GENERATOR, SYSTEM EQUIPMENT	2500 SETS + 5000 NOS.
04-01-00186	ELECTRODES & GRINDING OF DIFFERENT SIZES	100 TON + 100000 PCS
04-01-00187	TURBINE OIL	1000 TONS
04-01-00188	ROTOR OF TVV-200 GENERATOR	2 PCS
04-01-00189	ELECTRIC MOTOR AND SPARE PARTS	2000 PCS
04-01-00190	CIRCUIT BREAKERS AND SPARE PARTS	10000 PCS
04-01-00191	POWER AND CONTROL CABLE	300 KM
04-01-00192	ELECTROLYZED SYSTEM	500 PCS

04-01-00193	TESTING DEVICE AND EQUIPMENT	10000 PCS + 100 SETS
04-01-00194	LIGHTING EQUIPMENT	100000 PCS + 100 SET
04-01-00195	AIR CONDITION EQUIPMENT WITH ALL ACCESSORIES AND SPARES	500 UNIT + 100000 PCS +2000 SET
04-01-00196	REHABILITATION AND ENGINEERING SERVICE	2 UNITS
04-01-00197	SAFETY EQUIPMENT	100000 PCS +10000 SET
04-01-00198	DEFERENT TOOLS	100000 PCS + 5000 SET
04-01-00199	WELDING MACHINES AND SPARES	1000 PCS + 1000 SET
04-01-00200	BATTERIES & BATTERIES CHARGE	5000 PCS + 100 SET
04-01-00201	FIRE FIGHTING SYSTEM AND ALL AUXILIARIES	100000 PCS + 1000 SET
04-01-00202	OIL PURIFICATION EQUIPMENT	4 SETS
04-01-00203	INSULATION MATERIALS	10 TON + 10000 PCS + 1000 ROLL
04-01-00204	WINDING WIRES	50000 KG + 1000 ROLLS
04-01-00205	GAS TURBINE (4X170)MW WITH ACCESSORIES	4 UNITS
04-01-00206	COMBINED CYCLE UNITS (2X170) MW	2 UNITS
04-01-00207	N2 GENERATION PLANT	10 SET
04-01-00208	HYDRAULIC SYSTEM & EQUIPMENT	1000 PCS+ 500 SET
04-01-00209	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	100 SET

SECTION A- 12 - NASSIRYAH POWER STATION

CODE	ITEM	QTY
04-01-00210	TURBINE SYSTEM EQUIPMENT AND ACCESSORIES	2000 PCS+2000 SET.
04-01-00211	BOILER TUBES	100000 TUBES.
04-01-00212	BOILER AUXILIARY SYSTEM	10000 PCS +100 SET
04-01-00213	PACKING OF DIFFERENT SIZES	2000 KG
04-01-00214	AIR HEATERS	8 SETS
04-01-00215	CONDENSER TUBES	200000 PCS.
04-01-00216	PUMPS , COMPRESSORS AND ROTARY MACHINES	2400 NOS +60 SET.
04-01-00217	SWITCH YARD EQUIPMENT AND ACCESSORIES	1000 SET + 500 NOS.
04-01-00218	POWER TRANSFORMERS	2 UNITS
04-01-00219	VALVES OF DIFFERENT TYPES	9000 NOS.
04-01-00220	CHEMICALS FOR WATER TREATMENT .	5000 TONS
04-01-00221	WATER TREATMENT EQUIPMENT	20000 PCS.+ 2000 SET
04-01-00222	CORTEN STEEL	300 TONS
04-01-00223	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	10000 PCS +2000 SET.
04-01-00224	DC POWER SUPPLY EQUIPMENT	4500 UNITS+4500 NOS
04-01-00225	GENERATOR, SYSTEM EQUIPMENT	2500 SETS + 5000 NOS.
04-01-00226	ELECTRODES & GRINDING OF DIFFERENT SIZES	100 TON + 100000 PCS
04-01-00227	TURBINE OIL	1000 TONS
04-01-00228	ROTOR OF TVV-200 GENERATOR	2 PCS
04-01-00229	ELECTRIC MOTOR AND SPARE PARTS	2000 PCS
04-01-00230	CIRCUIT BREAKERS AND SPARE PARTS	10000 PCS
04-01-00231	POWER AND CONTROL CABLE	300 KM
04-01-00232	ELECTROLYZED SYSTEM	500 PCS
04-01-00233	TESTING DEVICE AND EQUIPMENT	10000 PCS + 100 SETS
04-01-00234	LIGHTING EQUIPMENT	100000 PCS + 100 SET
04-01-00235	AIR CONDITION EQUIPMENT WITH ALL ACCESSORIES AND SPARES	500 UNIT + 100000 PCS +2000 SET
04-01-00236	REHABILITATION AND ENGINEERING SERVICE	2 UNITS
04-01-00237	SAFETY EQUIPMENT	100000 PCS +10000 SET
04-01-00238	DEFERENT TOOLS	100000 PCS + 5000 SET
04-01-00239	WELDING MACHINES AND SPARES	1000 PCS + 1000 SET
04-01-00240	BATTERIES & BATTERIES CHARGE	5000 PCS + 100 SET
04-01-00241	FIRE FIGHTING SYSTEM AND ALL AUXILIARIES	100000 PCS + 1000 SET

04-01-00242	OIL PURIFICATION EQUIPMENT	4 SETS
04-01-00243	INSULATION MATERIALS	10 TON + 10000 PCS + 1000 ROLL
04-01-00244	WINDING WIRES	50000 KG + 1000 ROLLS
04-01-00245	GAS TURBINE (4X170)MW WITH ACCESSORIES	4 UNITS
04-01-00246	COMBINED CYCLE UNITS (2X170) MW	2 UNITS
04-01-00247	N2 GENERATION PLANT	10 SET
04-01-00248	HYDRAULIC SYSTEM & EQUIPMENT	1000 PCS+ 500 SET
04-01-00249	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	100 SET

SECTION A - 13 - HARTHA POWER STATION

CODE	ITEM	QTY
04-01-00250	TURBINE SYSTEM EQUIPMENT AND ACCESSORIES	9000 PCS+500 SET.
04-01-00251	BOILER TUBES	500000 TUBES.
04-01-00252	BOILER AUXILIARY SYSTEM	10000 PCS +50 SET
04-01-00253	PACKING OF DIFFERENT SIZES	5000 KG
04-01-00254	AIR HEATERS	4 SETS
04-01-00255	CONDENSER TUBES	250000 PCS.
04-01-00256	PUMPS , COMPRESSORS AND ROTARY MACHINES	52000 NOS +5000 SET.
04-01-00257	SWITCH YARD EQUIPMENT AND ACCESSORIES	2000 SET + 10000 PCS.
04-01-00258	POWER TRANSFORMERS	2 UNITS
04-01-00259	VALVES OF DIFFERENT TYPES	7000 NOS.
04-01-00260	CHEMICALS FOR WATER TREATMENT .	3000 TONS
04-01-00261	WATER TREATMENT EQUIPMENT	30000 PCS.+ 500 SET
04-01-00262	CORTEN STEEL	200 TONS
04-01-00263	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	15000 PCS +3500 SET.
04-01-00264	DC POWER SUPPLY EQUIPMENT	2500 UNITS+7500 NOS
04-01-00265	GENERATOR, SYSTEM EQUIPMENT	5000 SETS + 500 PCS.
04-01-00266	ELECTRODES & GRINDING OF DIFFERENT SIZES	100 TON + 100000 PCS
04-01-00267	TURBINE OIL	1000 TONS
04-01-00268	ELECTRIC MOTOR AND SPARE PARTS	2000 PCS
04-01-00269	CIRCUIT BREAKERS AND SPARE PARTS	10000 PCS
04-01-00270	POWER AND CONTROL CABLE	300 KM
04-01-00271	ELECTROLYZED SYSTEM	500 PCS
04-01-00272	TESTING DEVICE AND EQUIPMENT	10000 PCS + 100 SETS
04-01-00273	LIGHTING EQUIPMENT	100000 PCS + 100 SET
04-01-00274	AIR CONDITION EQUIPMENT WITH ALL ACCESSORIES AND SPARES	500 UNIT + 100000 PCS +2000 SET
04-01-00275	REHABILITATION AND ENGINEERING SERVICE	2 UNITS
04-01-00276	SAFETY EQUIPMENT	100000 PCS +10000 SET
04-01-00277	DEFERENT TOOLS	100000 PCS + 5000 SET
04-01-00278	WELDING MACHINES AND SPARES	1000 PCS + 1000 SET
04-01-00279	BATTERIES & BATTERIES CHARGE	5000 PCS + 100 SET
04-01-00280	FIRE FIGHTING SYSTEM AND ALL AUXILIARIES	100000 PCS + 1000 SET
04-01-00281	OIL PURIFICATION EQUIPMENT	4 SETS
04-01-00282	INSULATION MATERIALS	10 TON + 10000 PCS + 1000 ROLL
04-01-00283	WINDING WIRES	50000 KG + 1000 ROLLS
04-01-00284	GAS TURBINE (4X123)MW WITH ACCESSORIES	4 UNITS
04-01-00285	COMBINED CYCLE (2X123) MW	2 UNITS
04-01-00286	N2 GENERATION PLANT	10 SET
04-01-00287	HYDRAULIC SYSTEM & EQUIPMENT	1000 PCS+ 500 SET
04-01-00288	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	100 SET

SECTION A - 14 - NAJIBIYAH POWER STATION

CODE	ITEM	QTY
04-01-00289	TURBINE SYSTEM EQUIPMENT AND ACCESSORIES	10000 PCS+1000 SET.
04-01-00290	BOILER TUBES	100000 TUBES.
04-01-00291	BOILER AUXILIARY SYSTEM	10000 PCS +1500 SET
04-01-00292	PACKING OF DIFFERENT SIZES	3000 KG
04-01-00293	AIR HEATERS	4 SETS
04-01-00294	CONDENSER TUBES	80000 PCS.
04-01-00295	PUMPS , COMPRESSORS AND ROTARY MACHINES	3000 NOS +1000 SET.
04-01-00296	SWITCH YARD EQUIPMENT AND ACCESSORIES	1000 SET + 500 PCS.
04-01-00297	POWER TRANSFORMERS	2 UNITS
04-01-00298	VALVES OF DIFFERENT TYPES	10000 NOS. + 500 SET
04-01-00299	CHEMICALS FOR WATER TREATMENT .	3000 TONS
04-01-00300	WATER TREATMENT EQUIPMENT	50000 PCS.+ 500 SET
04-01-00301	CORTEN STEEL	300 TONS
04-01-00302	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	5000 PCS +1000 SET.
04-01-00303	DC POWER SUPPLY EQUIPMENT	7500 UNITS+1000 NOS
04-01-00304	GENERATOR, SYSTEM EQUIPMENT	5000 SETS + 1000 PCS.
04-01-00305	ELECTRODES & GRINDING OF DIFFERENT SIZES	100 TON + 100000 PCS
04-01-00306	TURBINE OIL	1000 TONS
04-01-00307	ELECTRIC MOTOR AND SPARE PARTS	2000 PCS
04-01-00308	CIRCUIT BREAKERS AND SPARE PARTS	5000 PCS
04-01-00309	POWER AND CONTROL CABLE	300 KM
04-01-00310	ELECTROLYZED SYSTEM	500 PCS
04-01-00311	TESTING DEVICE AND EQUIPMENT	10000 PCS + 100 SETS
04-01-00312	LIGHTING EQUIPMENT	100000 PCS + 100 SET
04-01-00313	AIR CONDITION EQUIPMENT WITH ALL ACCESSORIES AND SPARES	500 UNIT + 100000 PCS +2000 SET
04-01-00314	REHABILITATION AND ENGINEERING SERVICE	2 UNITS
04-01-00315	SAFETY EQUIPMENT	100000 PCS +10000 SET
04-01-00316	DEFERENT TOOLS	100000 PCS + 5000 SET
04-01-00317	WELDING MACHINES AND SPARES	1000 PCS + 1000 SET
04-01-00318	BATTERIES & BATTERIES CHARGE	5000 PCS + 100 SET
04-01-00319	FIRE FIGHTING SYSTEM AND ALL AUXILIARIES	100000 PCS + 1000 SET
04-01-00320	OIL PURIFICATION EQUIPMENT	4 SETS
04-01-00321	INSULATION MATERIALS	10 TON + 10000 PCS + 1000 ROLLS
04-01-00322	WINDING WIRES	50000 KG + 1000 ROLLS
04-01-00323	N2 GENERATION PLANT	10 SET
04-01-00324	HYDRAULIC SYSTEM & EQUIPMENT	1000 PCS+ 500 SET
04-01-00325	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	100 SET

SECTION A - 15 - KHOR AL-ZUBAIR GAS TURBINE POWER STATION

CODE	ITEM	QTY
04-01-00326	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSORIES	3000 PCS+50 SET.
04-01-00327	INNER CASING AND HOT PATH EQUIPMENT	1500 PCS + 500 SET
04-01-00328	COMBUSTION EQUIPMENT AND ACCESSORIES	1000 PCS +50 SET
04-01-00329	GAS UNITS STARTING DEVICE	20 PCS
04-01-00330	CONTROL MEASUREMENT AND PROTECTION SYSTEM	1000 PCS + 500 SET
04-01-00331	GENERATOR EXCITATION AND ACCESSORIES	1500 PCS + 500 SET
04-01-00332	PUMPS , MOTOR AND ROTARY MACHINES	1500 PCS + 50 SET
04-01-00333	BATTERIES , CHARGE AND CONVERTERS	5000 PCS + 100 SET

04-01-00334	WATER TREATMENT EQUIPMENT	5000 PCS + 500 SET
04-01-00335	SWITCH YARD EQUIPMENT	2000 PCS+1000 SET
04-01-00336	REHABILITATION AND ENGINEERING SERVICE	2 UNITS
04-01-00337	GAS TURBINE UNITS WITH ACCESSORIES	4 UNIT
04-01-00338	PACKING AND GASKET OF DIFFERENT SIZE	1000 KG
04-01-00339	ELECTRIC MOTOR AND SPARE PARTS	750 PCS
04-01-00340	CIRCUIT BREAKERS AND SPARE PARTS	1500 PCS
04-01-00341	POWER AND CONTROL CABLE	100 KM
04-01-00342	TESTING DEVICE AND EQUIPMENT	2000 PCS + 50 SETS
04-01-00343	LIGHTING EQUIPMENT	10000 PCS + 50 SET
04-01-00344	AIR CONDITION & COOLING SYSTEM EQUIPMENT WITH ALL ACCESSORIES AND SPARES	200 UNIT + 10000 PCS + 50 SET
04-01-00345	SAFETY EQUIPMENT	10000 PCS +1000 SET
04-01-00346	DEFERENT TOOLS	10000 PCS + 1000 SET
04-01-00347	WELDING MACHINES AND SPARES	50 PCS + 20 SET
04-01-00348	OIL FOR TURBINE & GEAR & CIRCUIT	50000 L
04-01-00349	POWER TRANSFORMER	2 UNITS
04-01-00350	FILTERS	10000 PCS
04-01-00351	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	10000 PCS + 100 SET
04-01-00352	EXHAUST SYSTEM WITH ALL ACCESSORIES	10000 PCS + 1000 SET
04-01-00353	OIL PURIFICATION EQUIPMENT	2 SETS
04-01-00354	INSULATION MATERIALS	10 TON + 10000 PCS + 1000 ROLL
04-01-00355	WINDING WIRES	50000 KG + 1000 ROLLS
04-01-00356	HYDRAULIC SYSTEM & EQUIPMENT	500 PCS+ 250 SET
04-01-00357	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	50 SET

SECTION A - 16 - SHUAIBA GAS TURBINE POWER STATION

CODE	ITEM	QTY
04-01-00358	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSORIES	3000 PCS+400 SET.
04-01-00359	INNER CASING AND HOT PATH EQUIPMENT	1000 PCS + 400 SET
04-01-00360	COMBUSTION EQUIPMENT AND ACCESSORIES	10000 PCS +40 SET
04-01-00361	GAS UNITS STARTING DEVICE	150 PCS + 10 SET
04-01-00362	CONTROL MEASUREMENT AND PROTECTION SYSTEM	750 PCS + 10 SET
04-01-00363	GENERATOR EXCITATION AND ACCESSORIES	500 PCS + 100 SET
04-01-00364	PUMPS , MOTOR AND ROTARY MACHINES	100 PCS +500 SET.
04-01-00365	BATTERIES , CHARGE AND CONVERTERS	500 PCS + 50 SET
04-01-00366	WATER TREATMENT EQUIPMENT	5000 PCS + 500 SET
04-01-00367	SWITCH YARD EQUIPMENT	2000 PCS + 100 SET
04-01-00368	REHABILITATION AND ENGINEERING SERVICE	2 UNITS
04-01-00369	GAS TURBINE UNITS WITH ACCESSORIES	4 UNIT
04-01-00370	PACKING AND GASKET OF DIFFERENT SIZE	1000 KG
04-01-00371	ELECTRIC MOTOR AND SPARE PARTS	750 PCS
04-01-00372	CIRCUIT BREAKERS AND SPARE PARTS	1500 PCS
04-01-00373	POWER AND CONTROL CABLE	100 KM
04-01-00374	TESTING DEVICE AND EQUIPMENT	2000 PCS + 50 SETS
04-01-00375	LIGHTING EQUIPMENT	10000 PCS + 50 SET
04-01-00376	AIR CONDITION & COOLING SYSTEM EQUIPMENT WITH ALL ACCESSORIES AND SPARES	200 UNIT + 10000 PCS + 50 SET
04-01-00377	SAFETY EQUIPMENT	10000 PCS +1000 SET
04-01-00378	DEFERENT TOOLS	10000 PCS + 1000 SET
04-01-00379	WELDING MACHINES AND SPARES	50 PCS + 20 SET
04-01-00380	OIL FOR TURBINE & GEAR & CIRCUIT	50000 L

04-01-00381	POWER TRANSFORMER	2 UNITS
04-01-00382	FILTERS	10000 PCS
04-01-00383	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	10000 PCS + 100 SET
04-01-00384	EXHAUST SYSTEM WITH ALL ACCESSORIES	10000 PCS + 1000 SET
04-01-00385	OIL PURIFICATION EQUIPMENT	2 SETS
04-01-00386	INSULATION MATERIALS	10 TON + 10000 PCS + 1000 ROLL
04-01-00387	WINDING WIRES	50000 KG + 1000 ROLLS
04-01-00388	HYDRAULIC SYSTEM & EQUIPMENT	500 PCS+ 250 SET
04-01-00389	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	50 SET

SECTION -A -17- PETRO CHEMICAL GAS UNITS

CODE	ITEM	QTY
04-01-00390	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSORIES	3000 PCS+400 SET.
04-01-00391	INNER CASING AND HOT PATH EQUIPMENT	1000 PCS + 400 SET
04-01-00392	COMBUSTION EQUIPMENT AND ACCESSORIES	10000 PCS +40 SET
04-01-00393	GAS UNITS STARTING DEVICE	150 PCS + 10 SET
04-01-00394	CONTROL MEASUREMENT AND PROTECTION SYSTEM	750 PCS + 10 SET
04-01-00395	GENERATOR EXCITATION AND ACCESSORIES	500 PCS + 100 SET
04-01-00396	PUMPS , MOTOR AND ROTARY MACHINES	100 PCS +500 SET.
04-01-00397	BATTERIES , CHARGE AND CONVERTERS	500 PCS + 50 SET
04-01-00398	SWITCH YARD EQUIPMENT	2000 PCS + 100 SET
04-01-00399	REHABILITATION AND ENGINEERING SERVICE	2 UNITS
04-01-00400	GAS TURBINE UNITS WITH ACCESSORIES	4 UNIT
04-01-00401	PACKING AND GASKET OF DIFFERENT SIZE	1000 KG
04-01-00402	ELECTRIC MOTOR AND SPARE PARTS	750 PCS
04-01-00403	CIRCUIT BREAKERS AND SPARE PARTS	1500 PCS
04-01-00404	POWER AND CONTROL CABLE	100 KM
04-01-00405	TESTING DEVICE AND EQUIPMENT	2000 PCS + 50 SETS
04-01-00406	LIGHTING EQUIPMENT	10000 PCS + 50 SET
04-01-00407	AIR CONDITION & COOLING SYSTEM EQUIPMENT WITH ALL ACCESSORIES AND SPARES	200 UNIT + 10000 PCS + 50 SET
04-01-00408	SAFETY EQUIPMENT	10000 PCS +1000 SET
04-01-00409	DEFERENT TOOLS	10000 PCS + 1000 SET
04-01-00410	WELDING MACHINES AND SPARES	50 PCS + 20 SET
04-01-00411	OIL FOR TURBINE & GEAR & CIRCUIT	50000 L
04-01-00412	POWER TRANSFORMER	2 UNITS
04-01-00413	FILTERS	10000 PCS
04-01-00414	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	10000 PCS + 100 SET
04-01-00415	EXHAUST SYSTEM WITH ALL ACCESSORIES	10000 PCS + 1000 SET
04-01-00416	OIL PURIFICATION EQUIPMENT	2 SET
04-01-00417	INSULATION MATERIALS	10 TON + 10000 PCS + 1000 ROLLS
04-01-00418	WINDING WIRES	50000 KG + 1000 ROLLS
04-01-00419	HYDRAULIC SYSTEM & EQUIPMENT	500 PCS+ 250 SET
04-01-00420	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	50 SET

SECTION -A -18- BAIJI POWER STATION

CODE	ITEM	QTY
04-01-00421	TURBINE SYSTEM EQUIPMENT	50000 PCS + 5000 SET.
04-01-00422	BOILER TUBES	100000 PCS.
04-01-00423	BOILER AUXILIARY SYSTEM	500 PCS + 2000 KG
04-01-00424	PACKING OF DIFFERENT SIZES	2000 KG

04-01-00425	AIR HEATERS	6 SETS
04-01-00426	CONDENSER TUBES	95000 PCS.
04-01-00427	PUMPS , COMPRESSORS AND ROTARY MACHINES	300 NOS.+ 200 SET
04-01-00428	SWITCH YARD EQUIPMENT AND ACCESSARIES	100 SET + 2000 PCS
04-01-00429	POWER TRANSFORMERS	2 UNITS
04-01-00430	VALVES OF VARIOUS SIZES	2000 NOS + 1000 SET
04-01-00431	CHEMICALS FOR WATER TREATMENT	1000 TONS
04-01-00432	WATER TREATMENT EQUIPMENT	5000 PCS + 1000 SET.
04-01-00433	CORTEN STEEL	300 TONS
04-01-00434	CONTROL , MEASURMENT AND PROTECTION SYSTEMS.	5000 PCS + 2000 SET.
04-01-00435	DC POWER SUPPLY EQUIPMENT	2500 UNITS + 1000 PCS
04-01-00436	GENERATOR , SYSTEM EQUIPMENT	2000 SETS + 1000 PCS
04-01-00437	REHABILITATION AND ENGINEERING SERVICES	6 UNITS
04-01-00438	ELECTRODES OF DIFFERENT SIZES	50 TON
04-01-00439	TURBINE OIL	1000 TONS
04-01-00440	GAS TURBINE POWER STATION 160 MW EACH WITH AUXILIARIES .	4 UNITS
04-01-00441	COMBINED CYCLE UNITS (2X160) MW	2 UNITS
04-01-00442	EQUIPMENT FOR ERECTION AND CONSUMABLE MATERIAL	LOT
04-01-00443	GAS TURBINE FRAME (6) WITH ACCESSARIES	9 UNITS
04-01-00444	EQUIPMENT FOR ERECTION AND CONSUMABLE MATERIALS FOR GAS TURBINE POWER STATION .	LOT
04-01-00445	FIRE FIGHTING EQUIPMENT WITH SPARES	200 UNITS +1000 PCS + 500 SETS
04-01-00446	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 100 PCS
04-01-00447	AIR COOLED CHILLER WITH ACCESSORIES	100 UNITS + 1000 PCS. + 500 SETS
04-01-00448	400 KV POWER CABLE XLPE WITH ACCESSORIES	50 KM
04-01-00449	POWER CABLES OF DIFFERENT SIZES	50 KM
04-01-00450	TRANSFORMER OIL	100 TON
04-01-00451	DEISEL GENERATOR	2 SETS

SECTION -A -19- SADDAM HYDRO - ELECTRIC POWER STATION

CODE	ITEM	QTY
04-01-00452	TURBINE SYSTEM EQUIPMENT AND SPARES	40 SETS+ 1000 PCS
04-01-00453	GENERATOR SYSTEM EQUIPMENT AND SPARES	200 PCS
04-01-00454	CONTROL , MEASURMENT AND PROTECTION SYSTEMS WITH SPARES	600 PCS
04-01-00455	SWITCH YARD EQUIPMENT AND SPARES	200 SETS
04-01-00456	DC POWER SUPPLY EQUIPMENT WITH SPARES	1200 UNITS
04-01-00457	GATES AND VALVES WITH SPARES	200 UNITS
04-01-00458	AIR COMPRESSORS AND ACCESSARIES	60 UNITS
04-01-00459	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00460	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 100 PCS
04-01-00461	POWER CABLES OF DIFFERENT SIZES	50 KM
04-01-00462	TRANSFORMER OIL	100 TON
04-01-00463	POWER TRANSFORMERS 400 KV & 132 Kv	5 NOS + 2 SETS
04-01-00464	PUMPS , COMPRESSORS AND ROTARY MACHINES	50 NOS + 30 SETS
04-01-00465	PACKING OF DIFFERENT SIZES	2000 Kg
04-01-00466	TURBINE OIL	100 TON

SECTION -A -20 - DIBIS POWER STATION

CODE	ITEM	QTY
04-01-00467	TURBINE SYSTEM EQUIPMENT AND SPARES	100 PCS.
04-01-00468	BOILER TUBES	10000 TUBES.
04-01-00469	BOILER AUXILIARY SYSTEM	200 PCS + 100 SET
04-01-00470	PACKING OF DIFFERENT SIZES	500 KG

04-01-00471	CONDENSER TUBES	40000 TUBES.
04-01-00472	PUMPS , COMPRESSORS AND ROTARY MACHINES	100 NOS + 50 SET.
04-01-00473	SWITCH YARD EQUIPMENT AND ACCESSARIES	300 SET + 100 NOS.
04-01-00474	POWER TRANSFORMERS	2 UNITS
04-01-00475	VALVES OF DIFFERENT TYPES	200 NOS.
04-01-00476	CONTROL , PROTECTION AND MEASURING SYSTEM.	2000 PCS + 100 SET.
04-01-00477	DC POWER SUPPLY EQUIPMENT	1250 UNITS+100 PCS
04-01-00478	GENERATOR , SYSTEM EQUIPMENT	100 SETS + 50 PCS
04-01-00479	REHABILITATION AND ENGINEERING SERVICES	4 UNITS
04-01-00480	ELECTRODES OF DIFFERENT SIZES	50 TON
04-01-00481	REHABILITATION AND ENGINEERING SERVICES	4 UNITS
04-01-00482	FIRE FIGHTING EQUIPMENT WITH SPARES	200 UNITS +1000 PCS + 500 SETS
04-01-00483	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 100 PCS
04-01-00484	AIR COOLED CHILLER WITH ACCESSORIES	100 UNITS + 1000 PCS. + 500 SETS
04-01-00485	POWER CABLES OF DIFFERENT SIZES	50 KM
04-01-00486	WATER TREATMENT FOR DIBIS POWER STATION	200 PCS + 100 NO

SECTION -A -21 - DIBIS GAS TURBINE POWER STATION

CODE	ITEM	QTY
04-01-00487	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSARIES	3000 NOS. + 400 SETS
04-01-00488	INNER CASING AND HOT PATH EQUIPMENT	1000 NOS. + 400 SETS
04-01-00489	COMBUSTION EQUIPMENT AND ACCESSARIES	2000 NOS.+ 500 SETS
04-01-00490	GAS UNITS STARTING DEVICE	1000 NOS.+ 500 SETS
04-01-00491	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	250 NOS+ 100 SET
04-01-00492	GENERATOR , EXCITATION AND ACCESSARIES	4000 NOS+100 SET
04-01-00493	PUMPS , MOTORS AND ROTARY MACHINES	2000 NOS + 1000 SET
04-01-00494	BATTERIES , CHARGERS AND CONVERTERS	2000 NOS + 50 UNITS.
04-01-00495	SWITCH YARD EQUIPMENT	1000 NOS.+500 SET
04-01-00496	DIFFUSER FOR TURBINE , UPPER AND LOWER PARTS	4 SET
04-01-00497	REHABILITATION AND ENGINEERING SERVICES	3 UNITS
04-01-00498	GAS TURBINE WITH ACCESSARIES (4X150)MW	4 UNITS
04-01-00499	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00500	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 500 PCS
04-01-00501	COMBINED CYCLE UNITS (2X150)MW	2 UNITS
04-01-00502	POWER CABLES OF DIFFERENT SIZES	50 KM

SECTION -A -22- MOSUL GAS TURBINE POWER STATION

CODE	ITEM	QTY
04-01-00503	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSARIES	10000 NOS. + 2000 SET
04-01-00504	INNER CASING AND HOT PATH EQUIPMENT	150 NOS.
04-01-00505	COMBUSTION EQUIPMENT AND ACCESSARIES	2000 NOS + 20 SET.
04-01-00506	GAS UNITS STARTING DEVICE	1500 NOS + 500 SET
04-01-00507	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	500 NOS + 500 SET
04-01-00508	GENERATOR , EXCITATION AND ACCESSARIES	2000 NOS+300 UNITS
04-01-00509	PUMPS , MOTORS AND ROTARY MACHINES	2500 NOS + 1000 SET.
04-01-00510	BATTERIES , CHARGERS AND CONVERTERS	1500 NOS + 500 SET
04-01-00511	SWITCH YARD EQUIPMENT	2500 NOS.+ 500 SET
04-01-00512	SUPERVISION FOR REHABILITATION	10 UNITS.

04-01-00513	REHABILITATION AND ENGINEERING SERVICES	12 UNITS
04-01-00514	GENERAL SPARE PARTS FOR FRAME-5 GAS TURBINES	LOT
04-01-00515	GAS TURBINE UNITS AND ACCESSARIES	2 UNITS
04-01-00516	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00517	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 500 PCS
04-01-00518	POWER CABLES OF DIFFERENT SIZES AND VALLAY	50 KM
04-01-00519	TURBINE OIL	10 TON
04-01-00520	TRANSFORMER OIL	50 TON

SECTION -A- 23 - MULLA ABDULLA GAS TURBINE POWER STATION

CODE	ITEM	QTY
04-01-00521	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSARIES	15000 NOS. + 400 SETS
04-01-00522	INNER CASING AND HOT PATH EQUIPMENT	1500 NOS. 400 SETS
04-01-00523	COMBUSTION EQUIPMENT AND ACCESSARIES	1000 NOS. 400 SETS
04-01-00524	GAS UNITS STARTING DEVICE	500 NOS. 250 SETS
04-01-00525	CONTROL , MEASURMENT AND PROTECTION SYSTEMS.	1800 NOS+100 SET
04-01-00526	GENERATOR , EXCITATION AND ACCESSARIES	2000 NOS + 100 SET.
04-01-00527	PUMPS , MOTORS AND ROTARY MACHINES	1200 NOS + 100 SET.
04-01-00528	BATTERIES , CHARGERS AND CONVERTERS	500 NOS+200 SETS
04-01-00529	SWITCH YARD EQUIPMENT	1000 NOS + 500 SET.
04-01-00530	REHABILITATION AND ENGINEERING SERVICES	10 UNITS
04-01-00531	GAS TURBINE UNITS AND ACCESSARIES	12 UNITS
04-01-00532	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00533	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 500 PCS
04-01-00534	COMBINED CYCLE UNITS (2X50)MW	2 UNITS
04-01-00535	POWER CABLES OF DIFFERENT SIZES	50 KM

SECTION -A- 24- SINHAREEB HYDRO - ELECTRIC POWER STATION (4 X 42.5

CODE	ITEM	QTY
04-01-00536	ENGINEERING , EMBEDDED PARTS AND MANUFACTURING OF SOME PARTS FOR THE SUPPLY OF (4X42.5)MW UNIT.	4 UNITS
04-01-00537	EQUIPMENT (ELECTRO MECHANICAL) FOR SUPPLYING (4X42.5 MW) HYDRO POWER UNITS	LOT
04-01-00538	TESTING AND INSPECTION EQUIPMENT	LOT
04-01-00539	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00540	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 500 PCS

SECTION -A-25- AL-ADHAIM HYDRO-ELECTRIC POWER STATION(2X15) MW

CODE	ITEM	QTY
04-01-00541	ENGINEERING , EMBEDDED PARTS AND MANUFACTURING OF SOME PARTS FOR THE SUPPLY OF (2X 15)MW	2 UNITS
04-01-00542	EQUIPMENT (ELECTRO MECHANICAL) FOR SUPPLYING (2X15 MW) HYDRO POWER UNITS	LOT
04-01-00543	TESTING , INSPECTION EQUIPMENT	5 SET
04-01-00544	FIRE FIGHTING EQUIPMENT WITH SPARES	100 UNITS +500 PCS + 250 SETS
04-01-00545	TEST EQUIPMENT OF DIFFERENT TYPES	50 UNITS + 500 PCS
04-01-00546	POWER CABLES OF DIFFERENT SIZES	50 KM
04-01-00547	MAKHOL HYDRO - ELECTRIC POWER STATION (4 X 65)MW	4 UNITS

SECTION -A- 26 - YOUSIFIYAH POWER STATION (8 X 210) MW

CODE	ITEM	QTY
04-01-00548	COMPLETE POWER STATION WITH ALL AUXILIARY UNITS AND SERVICES	8 UNITS
04-01-00549	COMPLETE 400KV S/S WITH ACCESSORIES	1 LOT
04-01-00550	AUXILIARY EQUIPMENT FOR ONE UNIT 200 MW	1 LOT
04-01-00551	POWER CABLES OF DIFFERENT SIZES	5000 KM

SECTION -A- 27 - AL- ANBAR POWER STATION (6X300) MW

CODE	ITEM	QTY
04-01-00552	COMPLETE POWER STATION WITH ALL AUXILIARY UNITS AND SERVICES WITH MATERIAL AND EQUIPMENT FOR ERECTION	6 UNITS
04-01-00553	MATERIAL & EQUIPMENT FOR CIVIL ENGINEERING & CONSTRUCTION	LOT
04-01-00554	INSPECTION & CONSULTANCY WORKS	LOT
04-01-00555	POWER CABLES OF DIFFERENT SIZES	5000 KM

SECTION -A- 28 - NORTH POWER STATION (4X350 MW)

CODE	ITEM	QTY
04-01-00556	COMPLETE BOILERS & ACCESSORIES	4 UNITS
04-01-00557	COMPLETE TURBINE & ACCESSORIES	4 UNITS
04-01-00558	COMPLETE GENERATOR & ACCESSORIES	4 UNITS
04-01-00559	WATER TREATMENT PLANT & ACCESSORIES	LOT
04-01-00560	SWITCH YARD EQUIPMENT AND ACCESSORIES	LOT
04-01-00561	SUPPLY, ERECTION, FITTING EQUIPMENT AND ALL GENERAL SYSTEMS	4 UNITS
04-01-00562	SUPPLY OF GAS , HEAVY AND LIGHT OIL SYSTEMS AND DISCHARGE SYSTEM , OIL CARRIER TRUCK AND ALL OTHER ACCESSORIES .	4 UNITS
04-01-00563	SUPPLY OF COOLING EQUIPMENT WITH ACCESSORY EQUIPMENT AND CIVIL ENGINEERING MATERIAL	4 UNITS
04-01-00564	SUPPLY OF HYDROGEN AND OXYGEN GENERATION EQUIPMENT AND COMPRESSORS WITH OTHER ACCESSORIES. FIRE FIGHTING EQUIPMENT	4 UNITS
04-01-00565	SUPPLY OF ALL TRANSFORMERS NEEDED FOR THE POWER STATION .	4 UNIT
04-01-00566	SUPPLY OF WATER INTAKE PUMPING FROM THE RIVER. WATER TREATMENT PLANT, VALVES AND ALL ACCESSORIES	4 UNIT
04-01-00567	PROJECT CONSULTATION AND WORK COORDINATION	40 MAN - MONTH
04-01-00568	TEST AND INSPECTION EQUIPMENT	1 LOT
04-01-00569	SUPPLY OF AUTOMATIC CONTROL AND ELECTRICAL EQUIPMENT	4 UNIT
04-01-00570	SUPPLY OF ALL THE CABLE NEEDED FOR POWER STATION .	LOT
04-01-00571	SUPPLY OF ALL COMMUNICATION EQUIPMENT NEEDED FOR 4 UNITS	LOT
04-01-00572	SUPPLY OF EQUIPMENTS FOR THE BALANCE PLANT	LOT
04-01-00573	GAS TURBINE (4X 160) MW EACH WITH AUXILIARIES	4 UNIT
04-01-00574	COMBINED CYCLE UNITS (2X160)MW	2 UNITS
04-01-00575	MATERIAL & EQUIPMENT FOR CIVIL ENGINEERING & CONSTRUCTION	LOT
04-01-00576	FIRE FIGHTING SYSTEM	LOT
04-01-00577	MATERIAL AND EQUIPMENT REQUIRED FOR ERECTION WORKS	LOT
04-01-00578	POWER CABLES OF DIFFERENT SIZES	5000 KM
04-01-00579	BRIDGES CRANES	SET

SECTION -A- 29- SALAH AL-DEEN POWER STATION (4 X 300 MW)

CODE	ITEM	QTY
04-01-00580	ENGINEERING AND CAMP FACILITIES WITH CIVIL ENGINEERING MATERIAL FOR CONSTRUCTION THE PROJECT	4 UNIT

04-01-00581	SUPPLY EQUIPMENT AND SERVICES FOR FOUR UNITS AND AUXILIARY NEEDED (4 X 300 MW)	4 UNIT
04-01-00582	MATERIAL FOR CIVIL ENGINEERING	LOT
04-01-00583	EQUIPMENT FOR CIVIL ENGINEERING CONSTRUCTION	LOT
04-01-00584	CAMP FACILITIES MATERIAL AND EQUIPMENT REQUIRED FOR ERECTION WORK	LOT
04-01-00585	COOLING TOWER	2 UNITS
04-01-00586	POWER CABLES OF DIFFERENT SIZES	5000 KM

SECTION -A- 30 - GAS TURBINE UNITS

CODE	ITEM	QTY
04-01-00587	GAS TURBINE UNITS WITH ACCESSORIES (FRAME 9 OR EQUIVALENT) WITH COMBINED CYCLE .	14 UNIT
04-01-00588	GAS TURBINE UNITS WITH ACCESSORIES (FRAME 6 OR EQUIVALENT)	14 UNIT
04-01-00589	GAS TURBINE UNITS WITH ACCESSORIES (FRAME 5 OR EQUIVALENT)	14 UNIT
04-01-00590	POWER CABLES OF DIFFERENT SIZES	5000 KM

SECTION -A- 31 - MOBILE GAS TURBINE

CODE	ITEM	QTY
04-01-00591	MOBILE GAS TURBINE WITH ACCESSORIES (2-15 MW)	50 UNITS
04-01-00592	SUBSTATION 132 / 33 / KV COMPLETE WITH ALL ACCESSORIES	25 UNITS
04-01-00593	FLOATING GAS TURBINE UNITS WITH ACCESSORIES (4 X 25MW) .	4 UNIT
04-01-00594	POWER CABLES OF DIFFERENT SIZES	1000 KM

SECTION -A- 32 - BAGHDAD EAST GAS POWER STATION

CODE	ITEM	QTY
04-01-00595	GAS POWER STATION COMPLETE WITH ACCESSORIES (6X123.5MW)	6 UNIT
04-01-00596	EQUIPMENT FOR ERECTION AND CONSTRUCTION MATERIAL	LOT
04-01-00597	COMBINED CYCLE UNITS (3X123) MW	3 UNITS
04-01-00598	POWER CABLES OF DIFFERENT SIZES	5000 KM

SECTION -A- 33 - WASIT POWER STATION (6X220)MW

CODE	ITEM	QTY.
04-01-00599	ENGINEERING AND SERVICES FOR CONSTRUCTION OF THE PROJECT DOCUMENT	6UNITS
04-01-00600	TEMPORARY FACILITIES FOR CONSTRUCTION WORK	6UNITS
04-01-00601	SUPPLY OF EQUIPMENT AND SERVICE FOR SIX UNITS AND AUXILIARIES	6UNITS
04-01-00602	TECHNICAL ASSISTANCE AND SERVICES FOR CONSTRUCTION , COMMISSIONING AND TESTING	1000 MAN . MONTH
04-01-00603	PROJECT CONSULTATION AND WORK COORDINATION	500 MAN.MONTH
04-01-00604	MATERIAL FOR CIVIL ENGINEERING	LOT
04-01-00605	MATERIAL & CONSUMABLES FOR ERECTION WORK	LOT
04-01-00606	EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION	LOT
04-01-00607	EQUIPMENT FOR ERECTION WORK	LOT
04-01-00608	POWER CABLES OF DIFFERENT SIZES	6000 KM
04-01-00609	CONSTRUCTION MACHINERIES	LOT
04-01-00610	MACHINERY FOR MAINTENANCE WORKSHOP	LOT
04-01-00611	TRAINING	
04-01-00612	SUPERVISION	
	<u>GENERATOR MAINTENANCE WORKSHOP</u>	

04-01-00613	ENGINEERING AND SERVICES FOR CONSTRUCTION OF WORKSHOP DOCUMENT & DRAWING	LOT
04-01-00614	TEMPORARY FACILITIES FOR CONSTRUCTION WORK	LOT
04-01-00615	SUPPLY OF UTILITIES FOR GENERATOR MAINTENANCE WORKSHOP	LOT
04-01-00616	SUPPLY OF MACHINERIES FOR GENERATOR MAINTENANCE WORKSHOP	600SETS
04-01-00617	MATERIAL FOR CIVIL ENGINEERING	LOT
04-01-00618	MATERIAL & CONSUMABLES FOR ERECTION WORK	LOT
04-01-00619	EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION	LOT
04-01-00620	TECHNICAL ASSISTANCE AND SERVICES FOR CONSTRUCTION , COMMISSIONING AND TESTING	300 MAN. MONTH
04-01-00621	TRAINING	
04-01-00622	SUPERVISION	
<u>TURBINE MAINTENANCE WORKSHOP</u>		
04-01-00623	ENGINEERING AND SERVICES FOR CONSTRUCTION OF WORKSHOP DOCUMENT & DRAWING	LOT
04-01-00624	SUPPLY OF UTILITIES FOR TURBINE MAINTENANCE WORKSHOP	LOT
04-01-00625	SUPPLY OF MACHINERIES FOR TURBINE MAINTENANCE WORKSHOP	500 SETS
04-01-00626	MATERIAL FOR CIVIL ENGINEERING	LOT
04-01-00627	MATERIAL & CONSUMABLES FOR ERECTION WORK	LOT
04-01-00628	EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION	LOT
04-01-00629	TECHNICAL ASSISTANCE AND SERVICES FOR CONSTRUCTION , COMMISSIONING AND TESTING	300 MAN. MONTH
04-01-00630	TRAINING	
04-01-00631	SUPERVISION	
<u>BOILER MAINTENANCE WORKSHOP</u>		
04-01-00632	ENGINEERING AND SERVICES FOR CONSTRUCTION OF WORKSHOP	LOT
04-01-00633	SUPPLY OF UTILITIES FOR BOILER MAINTENANCE WORKSHOP	LOT
04-01-00634	SUPPLY OF MACHINERIES FOR BOILER MAINTENANCE WORKSHOP	400 SET
04-01-00635	MATERIAL FOR CIVIL ENGINEERING	LOT
04-01-00636	MATERIAL & CONSUMABLES FOR ERECTION WORK	LOT
04-01-00637	EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION	LOT
04-01-00638	TECHNICAL ASSISTANCE AND SERVICES FOR CONSTRUCTION , COMMISSIONING AND TESTING	400MAN.MONTH
04-01-00639	TRAINING	
04-01-00640	SUPERVISION	
<u>CONTROL SYSTEM MAINTENANCE WORKSHOP</u>		
04-01-00641	SUPPLY OF MACHINERIES FOR CONTROL SYSTEM MAINTENANCE	200 SET
04-01-00642	TECHNICAL ASSISTANCE AND SERVICES FOR COMMISSIONING AND TESTING	100 MAN.MONTH
<u>CONSTRUCTION MACHINERY</u>		
<u>1- EQUIPMENT FOR EARTH - WORK EXCAVATION</u>		
04-01-00643	EXCAVATOR	12
04-01-00644	LOADER	5
04-01-00645	BULLDOZER	10
04-01-00646	VIBRATORY ROLLER	3
04-01-00647	ROCK-DRILLING CRUSHER	2
04-01-00648	AUTO-UNLOADING TRUCK	32
<u>2- LIFTING MACHINERY</u>		
04-01-00649	CRAWLER CRANE	2
04-01-00650	CRAWLER - MOUNTED CRANE	3
04-01-00651	MOBIL CRANE	3
04-01-00652	TYRE CRANE	10
04-01-00653	GANTRY CRANE	4
04-01-00654	OVERHEAD CRADLE	8
04-01-00655	HYDRAULIC LIFTING DEVICE	1

04-01-00656	HYDRAULIC ELEVATOR PLATFORM	1
04-01-00657	DOUBLE - SPEED WINCH	12
04-01-00658	WINCH	20
<u>3- EQUIPMENT FOR HORIZONTAL TRANSPORTATION</u>		
04-01-00659	TRAILOR SET	2
04-01-00660	TRUCK	2
04-01-00661	FLAT CAR	1
04-01-00662	DUMP TRUCK (CONCRETE)	10
<u>4- CONCRETE MACHINERY</u>		
04-01-00663	CONCRETE MIXING STATION	2
04-01-00664	CONCRETE PUMPING TRUCK	3
04-01-00665	CONCRETE MIXER	13
04-01-00666	CONCRETE GROUTING PUMP	1
04-01-00667	FORMWORK LIFTING DEVICE (FOR WATER TOWER)	1 SET
04-01-00668	HYDRAULIC FORMWORK LIFTING DEVICE (FOR STACK)	1 SET
04-01-00669	JACKING DEVICE FOR INNER STEEL SHAFT OF STACK	1 SET
04-01-00670	MORTAR MIXER	6
<u>5- STEEL BAR & WOODWORKING MACHINERY</u>		
04-01-00671	SEAM WELDING MACHINE	3
04-01-00672	STEEL BAR BENDING MACHINE	3
04-01-00673	STEEL BAR CUTTING MACHINE	2
04-01-00674	STEEL BAR STRAIGHTENING & CUTTING MACHINE DIAMETER 1	2
04-01-00675	STEEL BAR BENDING MACHINE	2
04-01-00676	DISC SAW	2
04-01-00677	PENDULUM SAW	1
04-01-00678	CUTTING & THREADING MACHINE	2
04-01-00679	FLAT PLANE IRON	2
04-01-00680	COMPRESSING PLANE MACHINE	1
<u>6- WELDING MACHINE</u>		
04-01-00681	INVERT - WELDING MACHINE	280
04-01-00682	DC WELDING MACHINE	6
04-01-00683	AC WELDING MACHINE	10
04-01-00684	AUTOMATIC ARC WELDING MACHINE	2
04-01-00685	AUTO - WELDING OPERATION STAND	2
04-01-00686	ALUMINUM WELDING MACHINE	2
04-01-00687	SUBMERGED ARC WELDING MACHINE	2
04-01-00688	FAR INFRARED ELECTRODE OVEN	3
04-01-00689	POWER FREQUENCY HEAT TREATMENT EQUIPMENT 180KW	4
04-01-00690	PLASMA CUTTER	3
<u>7- EQUIPMENT FOR METAL FABRICATION</u>		
04-01-00691	LATHE	1
04-01-00692	PLANER	1
04-01-00693	RADICAL DRILLING MACHINE DIAMETER 50-8	5
04-01-00694	MAGNET DRILL	6
04-01-00695	PUNCH SHEARS	1
04-01-00696	PLATE SHEARS	1
04-01-00697	PLATE BENDING ROLLER	1
04-01-00698	GROOVE - FORMING MACHINE DIAMETER 300-150	4
04-01-00699	SMALL PNEUMATIC GROOVE - FORMING MACHINE < DIAMETER 50M	4
04-01-00700	BANK TYPE GROOVE- FORMING MACHINE	1
04-01-00701	HYDRAULIC PIPE BENDER	1
04-01-00702	MOTOR -OPERATED PIPE BENDER	1
04-01-00703	MANUAL- OPERATED PIPE BENDER	3
04-01-00704	MOTOR -OPERATED THEADING MACHINE DIAMETER 75-	2

	8- POWER EQUIPMENT	
04-01-00705	AIR COMPRESSOR	2
04-01-00706	AIR COMPRESSOR (MOVING TYPE)	8
04-01-00707	MULTI- STAGE PUMP	2
04-01-00708	ANTI- CORROSION PUMP	1
04-01-00709	MOTOR -OPERATED PUMP FOR PRESSURE TESTING	2
04-01-00710	VACUUM PUMP	1
04-01-00711	GENERATOR	6
04-01-00712	HIGH VACUUM OIL FILTER	1
04-01-00713	PRESSURE OIL FILTER	3
04-01-00714	OIL FLUSHING EQUIPMENT	1
	9- TESTING & MONITORING EQUIPMENT	
04-01-00715	INSTRUMENT FOR X - RAY INSPECTION	4
04-01-00716	INSTRUMENT FOR Y - RAY INSPECTION	2
04-01-00717	SPECTROMETER	1
04-01-00718	INSTRUMENT FOR ULTRASONIC INSPECTION	1
04-01-00719	AUTOMATIC DEVELOPING MACHINE	1
04-01-00720	OMNIBEARING MEASUREMENT DEVICE	1
04-01-00721	THEODOLITE	6
04-01-00722	LEVELING INSTRUMENT	4
04-01-00723	LASER COLLIMATOR	1
04-01-00724	LASER CENTERING DEVICE	1
04-01-00725	CONCRETE / SAND / STONE TESTING EQUIPMENT	1 SET
04-01-00726	ELECTRICAL TESTING INSTRUMENT	1 SET
04-01-00727	I & C TESTING INSTRUMENT	1 SET
04-01-00728	CHEMICAL ANALYSIS EQUIPMENT FOR METAL	1 SET
04-01-00729	COATING PACHOMETER	2
04-01-00730	SPARK DETECTING EQUIPMENT	2
04-01-00731	HARDNESS SCALE	2
04-01-00732	UNIVERSAL TESTING MACHINE	1
04-01-00733	PRESSURE TESTING MACHINE	1

SECTION -B -34 - TRANSMISSION NETWORK

CODE	ITEM	QTY
04-01-00734	SWITCH GEARS WITH SPARES	2500 SETS + 1000 PCS
04-01-00735	TRANSFORMERS AND SPARE PARTS	100 UNITS+1500 SETS
04-01-00736	TRANSFORMER OIL	25000 TONS
04-01-00737	CIRCUIT BREAKERS AND SPARE PARTS	3000 SETS 1500 PCS.
04-01-00738	DC POWER SUPPLY EQUIPMENT AND ACCESSORIES	3000 SETS + 1000 NOS.
04-01-00739	TESTING EQUIPMENT OF DIFFERENT TYPES	5000 SETS + 1000 PCS
04-01-00740	ELECTRICAL POWER SUPPLY CENTER SPARES	15000 PCS.+ 2000 NOS.
04-01-00741	TRANSMISSION LINES SPARES	10000 SETS+50000 PCS
04-01-00742	BAGHDAD EAST-BAGHDAD SOUTH 400KV LINE EQUIPMENT	LOT
04-01-00743	BAGHDAD EAST- DIYALAH - TAMEEM 400KV LINES EQUIPMENT	LOT
04-01-00744	MOBILE SUBSTATION 132/33KV 15MVA & 25 MVA	50 UNITS
04-01-00745	MOBILE SUBSTATION 132/11KV 10MVA OR 25MVA	80 UNITS
04-01-00746	POWER LINE CARRIER COMMUNICATION EQUIPMENT	1500 SET + 600 PCS
04-01-00747	WIRELESS EQUIPMENT FOR MOBILE AND PORTABLE COMMUNICATION	1000 PCS
04-01-00748	PILOT CABLE CARRIER COMMUNICATION EQUIPMENT	1000 SET + 2000 PCS
04-01-00749	SWITCHING COMMUNICATION EQUIPMENT	1000 SET + 500 PCS
04-01-00750	VHF / MW COMMUNICATION EQUIPMENT	350 SET + 500 PCS
04-01-00751	FIBER OPTICS COMMUNICATION SDH EQUIPMENT	500 SET+ 1000NOS
04-01-00752	FIBER OPTICS COMMUNICATION CABLES	5000 KM

04-01-00753	NETWORK MANAGEMENT CENTRE FOR COMMUNICATION EQUIPMENT	30 SETS
04-01-00754	TELE PROTECTION EQUIPMENT	100 PCs
04-01-00755	TEST EQUIPMENT FOR COMMUNICATION SYSTEMS	700 PCS + 300 SET
04-01-00756	VOLTAGE TRANSFORMER WITH SPARES	50 SETS + 1000 PCS
04-01-00757	OPTICAL FIBER GROUND WIRE (OPGW)CONTROL OF ELECTRICAL NETWORK	5000 KM
	TRANSMISSION AND DISTRBUTION NETWORK MATERIAL AND ACCESSARIES	
04-01-00758	* TOWERS OF DIFFERENT TYPES	25000 NOS + 10000 SETS
04-01-00759	* INSULATORS & BUSHINGS	300000 NOS
04-01-00760	* WIRE OF ALUMINIUM AND COPPER	50000 KM + 310000 TON
04-01-00761	* SAFETY EQUIPMENT	25000 SETS + 25000 PCS
04-01-00762	* AIR CONDITIONING EQUIPMENT WITH ALL ACCESSARIES AND SPARES	2000 UNITS + 10000 PCS + 5000 SET
04-01-00763	* GRAIN ORIENTED SILCON STEEL	5000 TON
04-01-00764	- CABLE BOX TERMINATION 400 & 132 KV WITH ACCESSORIES	1000 SETS + 5000 PCS
04-01-00765	* ENAMILING WIRE & ENAMIL OIL	2000 TON
04-01-00766	* INSULATION PAPERS	2500 TON
04-01-00767	* P.V.C. FOR SHEATING AND INSULATION	3000 TON
04-01-00768	* LEAD ALLOY	5000 TON
04-01-00769	* - ACCESSARIES FOR TRANSFORMERS LINES	150000 PCS+ 15000 SET
04-01-00770	* WHITE METAL	500 TONS
04-01-00771	* SILICAGEL	100 TONS
04-01-00772	* INSULATION MATERIALS	10 TON + 10000PCS + 1000 ROLLS
04-01-00773	* WINDING WIRES	50000 KG + 1000 ROLLS
04-01-00774	* CHEMICALS AND LUBRICANTS	1000 KG
04-01-00775	* LIGHTING EQUIPMENTS WITH ACCESSORIES & SPARES	2500 SETS + 2500 NO
04-01-00776	REHABILITATION OF HARTHA - KHOR ALZUBAIR 400KV LINE	100 KM
04-01-00777	REHABILITATION OF TAMEM - TASLUGA 132KV LINE	112 KM
04-01-00778	REHABILITATION OF QARAQOSH - ARBIL 132KV LINE	70 KM
04-01-00779	REHABILITATION OF DIBIS - ERBIL 132KV LINE	60 KM
04-01-00780	EQUIPMENT TOOLS MACHINARY AND CRANES FOR ERECTION OF OVER HEADLINE 400/132KV	LOT
04-01-00781	STRINGING EQUIPMENT FOR OVER HEADLINE 400 &132KV	LOT
	400 KV TRANSMISSION LINES:-	
04-01-00782	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF SALAH-ALDAIN POWER STATION TO THE NET WORKS	100 KM
04-01-00783	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF BAGHDAD - SOUTH S/S TO BAGHDAD CENTER	50 KM
04-01-00784	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF YOUSIFIYA- POWER STATION TO BAGHDAD - SOUTH S/S	30 KM
04-01-00785	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF BAGHDAD - SOUTH S/S TO BAGHDAD - WEST S/S	50 KM
04-01-00786	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF QEIM S/S TO SYRIA - BOARDER	30 KM
04-01-00787	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF MOSUL 400KV S/S TO TURKISH-BOARDER	140 KM
	132KV TRANSMISSION LINES:-	
04-01-00788	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF SALAH-ALDAIN POWER STATION TO OTHER 132KV S/S	100 KM
04-01-00789	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF AL-AMAIN 400KV S/S TO BAGHDAD NET- WORK	80 KM
04-01-00790	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF BAGHDAD - CENTER TO THE NET- WORK	120 KM
04-01-00791	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF LINES TO THE SUBSTATION IN RASAFI AND AL-KARKH NEW BAGHDAD - MASHTAL S/S	30 KM
04-01-00792	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC)FOR NEW BAGHDAD SAMIDIYA S/S	10 KM
04-01-00793	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR NEW BAGHDAD THAWORA S/S	20 KM

04-01-00794	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR NEW BAGHDAD JAZEER - YARMOUK S/S	10 KM
04-01-00795	132 KV HIGH VOLTAGE CABLES WITH ACCESSORIES , BAGHDAD NORTH-KADIMIYA-HURIYA	240 KM
04-01-00796	CURRENT TRANSFORMERS FOR OUTDOOR INSTALLATION WITH SPARES	500 NOS
04-01-00797	POWER TRANSFORMERS MATERIAL AND ACCESSARIES	1000 SET + 500 NOS.
04-01-00798	EQUIPMENT AND MATERIAL FOR REPAIR WORKSHOP OF POWER TRANSFORMERS TO COVER THE FOLLOWING:- POSITIVE PRESSURE EQUIPMENT , DRY AIR FACILITIES , LIFTING FACILITIES AND MATERIAL AND TOOLS .	1000 SET
04-01-00799	ELECTRICITY DISPATCH CENTERS (REHABILITATION AND INSTALLATION OF NEW CENTERS)	4 NOS
04-01-00800	REHABILITATION AND INSTALLATION OF NEW TELECOMMUNICATION EQUIPMENT FOR VOICE, DATA COMMUNICATION AND POWER LINE PROTECTION	LOT
04-01-00801	ALUMINIUM INGOT FOR PRODUCTION OF ACSR ELECTRICAL POWER TRANSMISSION LINES	10000 TON
04-01-00802	STEEL REINFORCEMENT CABLES FOR ELECTRICAL POWER TRANSMISSION LINES	10000 TON
04-01-00803	NEW SUBSTATION 132/33/11 KV	15 UNITS
04-01-00804	EXTENTION OF EXISTING SUBSTATION 132/33/11 KV FOR (TAJI) (BAB AL- ZUBAIR) (HINDIYAH BARRAGE)	10 UNITS + 10 LOT
04-01-00805	TRANSDUCER AND METERING EQUIPMENT	5000 SET + 1000 NOS
04-01-00806	SWITCH YARD EQUIPMENT AND ACCESSARIES	150000 SET + 5000 NOS
04-01-00807	SUBSTATION MAINTENANCE EQUIPMENT	150000 SET + 2000 NOS
04-01-00808	OIL AND SF6 PURIFICATION EQUIPMENT	500 SET + 1000 PCS.
04-01-00809	TRANSFORMER OIL OF DIFFERENT TYPES	2000 TON
04-01-00810	POWER CABLES OF DIFFERENT SIZES AND VOLTAGES	10000 KM + 200000 PCS + 25000 SET
04-01-00811	SF6 GAS	100000 KG
04-01-00812	BAGHDAD NETWORK, COMPLETE 132KV LINE BAYS (ISKAN AL-KHIR, JAZAIR, DAURA, YARMUK, TAJI , RASHIDIA)	17 BAYS
04-01-00813	132 KV NEW S/S & EXTENSION (BASRAH NET WORK)	LOT
04-01-00814	BASRAH CENTER S/S COMPLETE NEW S/S	LOT
04-01-00815	EXTENSION OF BASRAH EAST S/S COMPLETE 132KV LINE & TRANSFORMER BAYS	4 BAYS
04-01-00816	EXTENSION OF NAJIBIYAH P.S. NETWORK COMPLETE 132 KV LINE BAY	1 BAY
	<u>132 KV NEW S/S. & EXTENSION</u>	
04-01-00817	* AGARGUF S/S	LOT
04-01-00818	* ADHAMIYAH	LOT
04-01-00819	* AL-WASHASH	LOT
04-01-00820	- AL-KADHAMIYAH EXTENSTION, COMPLETE 132KV LIN BAY	4 BAYS
04-01-00821	- AL-RASHIDIYAH EXTENSTION, COMPLETE 132KV LIN BAY	2 BAYS
04-01-00822	- AL-MAARI EXTENSTION, COMPLETE 132KV LIN BAY	2 BAYS
04-01-00823	RUMILLA NO.1 S/S	LOT
04-01-00824	RUMELA NO.2 S/S	LOT
04-01-00825	RUMELA NO.3 S/S	LOT
04-01-00826	RUMELA NO.4 S/S	LOT
04-01-00827	RUMELA NO.5 S/S	LOT
04-01-00828	JURF AL-SIQAR EXTENSION S/S	TWO MAIN TR, AND TWO 33KV SECTIONS
04-01-00829	NEW S/S HADETHA	LOT
04-01-00830	NEW S/S BAQUBA	LOT
04-01-00831	NEW S/S HAWEGA	LOT
04-01-00832	400 & 132KV CABLES WITH OTHER ACCESSARIES	5000 KM + 10000 PCS
04-01-00833	132KV & 400KV OVER HEAD LINE WITH OTHER ACCESSARIES	10000 KM+ 5000 PCS
04-01-00834	EXTENTION OF EXISTING SUBSTATION 132/33/11 KV	10 UNITS

04-01-00835	POWER CABLES OF DIFFERENT SIZES	25000 KM
04-01-00836	CONTROL CABLES OF DIFFERENT SIZES	50000 KM
04-01-00837	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	10000 PCS + 100 SET
04-01-00838	INSULATION OIL FOR CABLES	1000 TON
04-01-00839	LIGHTING EQUIPMENT	10000 PCS + 50 SET
04-01-00840	BATTERIES AND BATTERY CHARGERS	600 PCS + 30 SET
04-01-00841	ELECTRONIC EQUIPMENT	3000 PCS
04-01-00842	COMPUTERIZED WITH ALL ACCESSORIES	10 SET + 3000 PCS
04-01-00843	TESTING DEVICES AND EQUIPMENT	500 PCS + 30 SETS
04-01-00844	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	2000 PCS + 50 SET
04-01-00845	DIFFERENT TOOLS	1000 PCS + 50 SET
04-01-00846	ACCESSORIES FOR POWER LINE CARRIER EQUIPMENT : WAVE , TRAPS , CAPACITORS , FILTER , CABLES AND CARDS .	1000 PCS
04-01-00847	ACCESSORIES FOR RADIO EQUIPMENT : AERIALS , CABLES , TOWER , CONTROL EQUIPMENT AND CONNECTORS	1000 SETS
04-01-00848	COMMUNICATION SUPPLY ACCESSORIES	150 SETS
04-01-00849	REMOTE TERMINAL UNITS AND ACCESSORIES	150 SETS
04-01-00850	GENERAL SERVICE EQUIPMENT : TELEX , TELEPHONE AND PHOTOCOPY	1000 PCS
04-01-00851	PERSONAL COMPUTERS WITH SOFTWARE AND ACCESSORIES	100 PCS
04-01-00852	NEW 400KV SUBSTATION	4 UNITS
04-01-00853	EXTENSION OF EXISTING 400KV SUBSTATION	LOT
04-01-00854	NEW S/S AL-MISHRAK 132KV	LOT
04-01-00855	NEW S/S MOSUL UNIVERSITY 132KV	LOT
04-01-00856	NEW S/S NORTH SAMARA 132KV	LOT
04-01-00857	NEW S/S AL-ISKANDRYA 132KV	LOT
04-01-00858	NEW S/S AL-AZEZIYA 132KV	LOT
04-01-00859	NEW S/S OF JAMELA 132KV	LOT
04-01-00860	NEW S/S OF AL-FARABY 132KV	LOT
04-01-00861	EXTENSION OF ALMUTHNA S/S 132KV	LOT
04-01-00862	EXTENSION OF BALAD S/S 132KV	MAIN TR, ONE BAY 11,33/ KV ONE SECTION FOR EACH
04-01-00863	EXTENSION OF SADAM S/S 400KV	LOT
04-01-00864	NEW S/S AL-MAHMODAYH 132KV	LOT
04-01-00865	NEW S/S OF DAURA INDUSTRY 132KV	LOT
04-01-00866	NEW S/S OF NAJAF SOUTH 132KV	LOT
04-01-00867	STRAIGHT JOINT BOX (1X800)MM 132KVA	30 SET
04-01-00868	TERMINATION JOINT BOX (1X800)MM 132KVA	10 SET
04-01-00869	DIFFERENT TOOLS	11000 SETS + 50000 PCS
04-01-00870	POWER CABLES OF DIFFERENT SIZES AND VOLTAGES	50 KM
04-01-00871	SIGHT AND INDUSTRIAL SAFETY MATERIAL AND EQUIPMENT COMPLETE SCADA SYSTEM FOR THE THREE REGIONAL FOR THE CONTROL CENTERS WITH MIDDLE REGION, NORTH REGION AND SOUTH REGION	3 SET
04-01-00872	WALKIE TALKIE EQUIPMENT FOR SITE WORKS	1000 PCS
04-01-00873	HEAD AREM ASSEMBLY (SERVO): PART NO.: 92773402	6 No
04-01-00874	HEAD AREM ASSEMBLY (UPPER): PART NO.: 92773401	18 No
04-01-00875	HEAD AREM ASSEMBLY (LOWER): PART NO.: 92773400	12 No
04-01-00876	DATA PACK	10 No
04-01-00877	RGB COLOUR MONITOR TYPE CONRAC MODEL 7122 OR NEWER	4 NO
04-01-00878	LOGIC POWER SUPPLY XS-4313 (5V, 150 AMP)	2 NO
04-01-00879	MEMORY POWER SUPPLY PART NO.: 550-100168-002	2 NO
04-01-00880	1930 POWER SUPPLY PART NO.: 550-100093-001	2 NO
04-01-00881	CONSOLE CONTROLLER MC - 4905 PART NO. : 516-100145-002	1 NO
04-01-00882	PERIPHERAL BUS SWITCH CONTROLLER MC-4906 PART NO. : 516-200062-001	2 NO

04-01-00883	FRONT - END CONTROLLER MC-4805 PART NO.: 516-200082-001	2 NO
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SECTION -C -35- TRAINING PROGRAMMES , TOOLS AND FACILITIES , EX

CODE	ITEM	QTY
	TRAINING AND SIMULATION EQUIPMENT TO COVER THE FOLLOWING ACTIVITIES:	
04-01-00884	GENERATION , TRANSMISSION AND DISTRIBUTION OF ELECTRICITY.	10 SET
04-01-00885	MANUFACTURING OF POWER AND DISTRIBUTION TRANSFORMERS.	10 SET
04-01-00886	MANUFACTURING OF CONDUCTORS FOR TRANSMISSION AND DISTRIBUTION OF ELECTRICITY.	10 SET
04-01-00887	MANUFACTURING OF TOWERS FOR 400 KV AND 132 KV TRANSMISSION LINES.	5 SET
04-01-00888	OTHER SUPPORTING ACTIVITIES TO THE ELECTRICAL SECTOR.	LOT
04-01-00889	COMPUTERIZED DISPLAY FACILITIES FOR TRAINING PURPOSES.	500 PCS + 500 SETS
04-01-00890	LABORATORIES FOR TRAINING	5 NO.
04-01-00891	TRAINING AIDS AND TOOLS.	20 SET
04-01-00892	TRAINING COURSES	200 MAN - MONTH
04-01-00893	EXPERTS OF DIFFERENT SPECIALIZATION, POWER STATIONS , TRANSMISSION , STUDY , PLANNING ...etc	20 NOS

SECTION D- 36 - CENTRAL REPAIR WORKSHOP + A917

CODE	ITEM	UNIT
04-01-00894	LATHE MACHINE SWING OVER CROSS SLIDE 0.5 M DISTANCE BETWEEN CENTRES 3M	1 PCS
04-01-00895	LATHE MACHINE SWING OVER CROSS SLIDE 0.35M DISTANCE BETWEEN CENTRES 1M	1 PCS
04-01-00896	PORTABLE AIR COOLED TIG WELDING MACHINE 5-150D.C, MAXIMUM LOAD 4.8KVA AT 35 %	1 SET
04-01-00897	AC.DC WELDER WITH HIGH FREQUENCY AIR COOLED TIG WELDING 300A, 24KVA	2 SET
04-01-00898	CENTRIFUGAL CASTING MACHINE FOR CASTING WHITE METAL ON JOURNAL BEARINGS DIA.UP TO 250 MM LENGTH 300 MM	1 SET
04-01-00899	CIRCULAR BAND SAWING MACHINE 300MM DIA.	1 PCS
04-01-00900	DIGITAL PORTABLE HARDNESS TESTER FOR STEEL ALLOYS AND CAST IRON ALLOYS	2 SET
04-01-00901	POCKET SIZE THERMOMETER - 40 - 550 DEGREE CENTIGRADE.	2 SET
04-01-00902	INSIDE MICROMETER SET WITH REPLACEMENT RODS 0-100MM GRADUATION 0.001 MM	2 SET
04-01-00903	INTERNAL DIAL CALIPER SET FOR MEASURING INTERNAL BORES GRADUATIONS 0.001 MM , 0-350 MM	1 SET
04-01-00904	GENERAL PURPOSE AIR COOLED TIG TORCH 300 A AC OR DC	4 SET
04-01-00905	ARC WELDING ELECTRODE HOLDER	20 SET
04-01-00906	NON DRYING PRUSSIAN BLUE	SET 100 TUBE
04-01-00907	TURNING TOOL (DIFFERENT SIZES)	500 SET
04-01-00908	CUTTER GES (DIFFERENT SIZES)	160 SET
04-01-00909	CUTTER GEB (DIFFERENT SIZES)	90 SET
04-01-00910	CUTTING DISC Form 271 75 X2.4 X9.5 MM Product BDA24	50 SET
04-01-00911	CUTTING DISC Form 271 75X3.2X9.5MM Product BDA34	50 SET
04-01-00912	ALUMINUM OXIDE ABRASIVE BELT 50X1220 MM	300 SET
04-01-00913	SANDING STARS (DIFFERENT DIA)	200 SET
04-01-00914	INTERLEAVED FINISHING WHEELS	150 SET
04-01-00915	TOOL HOLDER	9 SET

04-01-00916	CARBIDE RCMX	300 SET
04-01-00917	BORING MACHINE	2 SET
04-01-00918	MULTIPLE LIMIT SWITCH DRG.NO S-E699	3 PCS
04-01-00919	BEARING ,NN4944 DRG.NO S-E0700	3 PCS
04-01-00920	BEARING NUT,AN12 DRG.NO S-E0700	4 PCS
04-01-00921	BEARING WASHR,AW12 DRG.NO S-E0700	5 PCS
04-01-00922	BEARING ,5212 DRG.NO S-E0700	3 PCS
04-01-00923	BEARING 6212 DRG.NO S-E0700	4 PCS
04-01-00924	COUPLING,MTU170 DRG.NO S-E0700	2 PCS
04-01-00925	BEARING,220TAC29 DRG.NO S-E0700	3 PCS
04-01-00926	BEARING, 6940MP6 DRG.NO S-E0700	3 PCS
04-01-00927	LIMIT SWITCH WLCA2-C DRG.NO S-E0705	4 PCS
04-01-00928	BRUSH DRG.NO S-E0705	4 PCS
04-01-00929	BEARING, AZ30711 DRG.NO S-E0705	4 PCS
04-01-00930	AC,MOTOR TOOL CHANGING METER DRG.NO S-E0705	1 PCS
04-01-00931	ELECTROMAGNETIC BREAK EFL-10S DRG.NO S-E0705	2 PCS
04-01-00932	BEARING 7210 B DRG.NO S-E0705	2 PCS
04-01-00933	BEARING , 7211 DRG.NO S-E0705	2 PCS
04-01-00934	ELECTROMAGNETIC CLUTCH EZE-25	2 PCS
04-01-00935	ONE WAY CLUTCH 5W13167 DRG.NO S-E0705	2 PCS
04-01-00936	SOLENOID VALVE	12 PCS
04-01-00937	PUMP S-E0706	1 PCS
04-01-00938	PRESSURE SWITCH S-E0708	2 PCS
04-01-00939	LIMIT SWITCH S-E0709	2 PCS
04-01-00940	BRUSH S-E0710	8 PCS
04-01-00941	ELECTRO MAGNETIC CLUTCH EKE10S S-E0710	2 PCS
04-01-00942	ELECTRO MAGNETIC CLUTCH EZE-16 S-E0711	8 PCS
04-01-00943	SOLENOID VALVE AS-230B S-E0713	4 PCS
04-01-00944	LIMIT SWITCH S-E5335	2 PCS
04-01-00945	BEARING ,6010DD S-E5335	2 PCS
04-01-00946	CLUTCH EZE-5 S-E5337	2 PCS
04-01-00947	CLUTCH EKE-45 S-E5337	4 PCS
04-01-00948	MOTOR,4P-5.5KW(GEAR BOX ASSEMBLY CTF) S-E5337	1 PCS
04-01-00949	BEARING,6004DDNR S-E5338	2 PCS
04-01-00950	CLUTCH S-E5339	2 PCS
04-01-00951	MOTOR S-E5339	1 PCS
04-01-00952	AIR CLEANER S-E5340	2 PCS
04-01-00953	PUMP P-88-3 S-E5343	1 PCS
04-01-00954	DYE PENETRANT SET USED FOR DETECTION OF SURFACE FLAWS SUCH AS CRACKS CONSIST OF PENETRANT R-1AF, DEVELOPER R- 1MF	20 SET
04-01-00955	WIRE CUT MACHINE WORKPIECE DIMENSION LENGTH 600MM WIDTH 400MM DEPTH 200 MM	1 SET
04-01-00956	MILLING MACHINE WORKING SURFACE OF THE TABLE 1600 MM x 370 MM COLUMN VERTICAL MOVEMENT 400 MM	1 SET
04-01-00957	HORIZONTAL LATHE SWING DIA . OVER BED 2000 MM DISTANCE BETWEEN CENTERS 5 M WITH HYDRULIC COPYINY ACCESORY	1 SET
04-01-00958	HORIZONTAL PRESS 300TON LENGTH 10M	1 SET
04-01-00959	SUPERJET EUTALLOY DELIVERY SYSTEM +1A - B3 - C5 TIPS + POWDER REFILL CONTAINER	1 PCS
04-01-00960	ROTOTEC 80 DELIVERY SYSTEM + POWDER REFILL CONTAINER + SPARE PARTS	1 SET + 2 PCS + 3 SET
04-01-00961	POWDER TYPE CHRMTEC 19200	27 KG
04-01-00962	POWDER TYPE CORORESIST 19300	27 KG
04-01-00963	POWDER TYPE FRIXTEC 19850	27 KG

04-01-00964	POWDER TYPE DUROTEC 19910	27 KG
04-01-00965	POWDER TYPE XUPER 19800	27 KG
04-01-00966	POWDER TYPE LUBROTEC 19985	27 KG
04-01-00967	POWDER TYPE XUPER ULTRABOND 5100	19 KG
04-01-00968	POWDER TYPE NITEC 10224	54 KG
04-01-00969	POWDER TYPE EUTALLOY 10018	27 KG
04-01-00970	POWDER TYPE CHROMTIC 10680	27 KG
04-01-00971	POWDER TYPE BRONZOCHROM 10185	27 KG
04-01-00972	WHITE METAL POWDER (BABBIT) (IF POSSIBLE TO BE APPLIED BY EITHER ROTOTEC 80 OR SUPERJET EUTALLOY DELIVERY SYSTEM	54 KG
04-01-00973	THE CLEAN AIR 250 PORTABLE FUME EXTRACTOR	1 SET
04-01-00974	ELECTRIC ARC WELDING RODS FOR ARC WELDING DIA. 3.25MM ESAB TRADE NAME OK 92.78 AWS A5.15 : ENICUB	100 KG
04-01-00975	ELECTRIC ARC WELDING RODS FOR ARC WELDING DIA. 3.25MM ESAB TRADE NAME OK 92.58 AWS A/SFA 5.15 : ENIFE - C1	100 KG
04-01-00976	ELECTRIC ARC WELDING RODS FOR ARC WELDING DIA. 3.25MM ESAB TRADE NAME OK 92.18 AWS A/SFA 5.15 : ENI-C1	100 KG
04-01-00977	ELECTRIC ARC WELDING RODS FOR ARC WELDING DIA. 3.25MM ESAB TRADE NAME OK 63.35 AWS A/SFA 5.4 :E316 L - 15	200 KG
04-01-00978	ELECTRIC ARC WELDING RODS FOR ARC WELDING DIA. 3.25MM ESAB TRADE NAME OK 67.70 AWS A/SFA 5.4 : E 309 MO - 16	200 KG
04-01-00979	ELECTRIC ARC WELDING RODS FOR ARC WELDING DIA. 3.25MM ESAB TRADE NAME OK 48.00 AWS /SFA A5.1 : E 7018	500 KG
04-01-00980	AIR JET CARBON ARC TORCHES (GENERAL PURPOSE MODEL)	1 NO
04-01-00981	TOOL POST GRINDER KIT (EXTERNAL / INTERNAL 220 V 1 PHASE 50 HZ	1 SET
04-01-00982	PNEUMATIC BELT SANDER USING BELT SIZE 2" x 48" FOR USE ON LATHES TO GRIND EXTERNAL DIA.	2 SET
04-01-00983	SINGLE STONE DIAMOND DRESSERS FOR WHEELS DIA 24" - 36"	2 SET
04-01-00984	SINGLE STONE DIAMOND DRESSERS FOR WHEELS WIDTH 22"	2 SET

SECTION -D- 37 - AIRHEATER REPAIR MAINTENANCE WORKSHOP

CODE	ITEM	QTY.
04-01-00985	HYDRULIC PRESS BRAKES	1 PCS
04-01-00986	HYDRULIC SWING - BEAM SHEARS	1 PCS
04-01-00987	PRECISION LATHES	1 PCS
04-01-00988	SURFACE GRINDING MACHINE	1 PCS
04-01-00989	HYDRAULIC BENDING MACHINE SHEET THICKNESS : 20 MM SHEET WIDTH : 3000 MM	1 PCS
04-01-00990	HYDRAULIC BENDING MACHINE CAPACITY 3000 X 12MM	1 PCS
04-01-00991	HYDRAULIC PROFIL BENDING MACHINE	1 PCS
04-01-00992	HOT LAYER FORMING LINE	1 PCS
04-01-00993	COLD LAYER FORMING LINE	1 PCS
04-01-00994	AUTOMATIC HYDRAULIC TUBE BENDING MACHINE	1 PCS
04-01-00995	SHEET FOLDING	1 PCS
04-01-00996	NIBBLING MACHINE.	1 PCS
04-01-00997	SLOTING MACHIN	1 PCS
04-01-00998	WELDING RECTIFIER CURRENT RANGE :UP TO 400 DCA.	10 PCS
04-01-00999	WELDING RECTIFIER CURRENT RANGE :UP TO 550 DCA.	10 PCS

04-01-01000	SPOT WELDING	1 PCS
04-01-01001	HYDRAULIC PRESS	1 PCS
04-01-01002	CONTINUOUS SPOT WELDING	1 PCS
04-01-01003	RECIPROCATING SAW	1 PCS
04-01-01004	PRECISION LATHES	1 PCS
04-01-01005	BAND SAW MACHINE	1 PCS
04-01-01006	PUNCH PRESS (FLY PRESS) CAPACITY 40 TON	2 PCS
04-01-01007	PUNCH PRESS (FLY PRESS) CAPACITY 60 TON	1 PCS
04-01-01008	PUNCH PRESS (FLY PRESS) CAPACITY 100 TON	1 PCS
04-01-01009	TUBE EXPANSION FORMING PRESS	1 PCS
04-01-01010	ARGON WELDING MACHINE	1 PCS
04-01-01011	INERT-GAS WELDING MACHINE	2 PCS
04-01-01012	LONGITUDINAL WELDING MACHINE	1 PCS
04-01-01013	INSULATED FLEXABLE CABLES COPPER CONDUCTOR CLASS 2 0.6KV MAX.	10 KM
04-01-01014	3 PHASE NO FUSE CIRCUIT BREAKERS	20 NO
04-01-01015	OXY - GAS TORCHES + HOSE + CYLINDER PRESS REGULATORS	1 SET
04-01-01016	ANGLE GRINDERS	2 SET
04-01-01017	CHAINS BLOCKS VARIOUS CAPACITIES	10 NO
04-01-01018	TER - FOR VARIOUS CAPACITIES	10 NO
04-01-01019	INDUCTION HEAT TREATMENT SET WITH ACCESSORIES FREQUENCY 1150 HZ WITH TEMP. CONTROLLER	2 SET
04-01-01020	40 V - AC 60W LIGHT BULBS WITH 220/40 V AC TRANSFORMERS WITH ADAPTORS	10 NO
04-01-01021	TUBE EXPANDER SET RANGE 18MM TO 25MM .	1 SET
04-01-01022	PIPE EXPANDER SET RANGE 46MM TO 56 MM	1 SET

SECTION -D-38 - TRANSFORMER MAINTENANCE WORK SHOP

CODE	ITEM	QTY
04-01-01023	HYDRAULIC SHEAR CAPACITY UP TO 50 MM THICKNESS MAX . SHEET WIDTH 3000 MM	1 SET
04-01-01024	PUNCHING MAX THICKNESS 10 MM , 30 TON THREAD DEPTH = 1250 - 1500 MM	1 SET
04-01-01025	IN CIRCUIT TESTER * DIGITAL STORAGE OSCILLOSCOPE. EPROM / ROM VERIFICATION . SELF DOCUMENTING TEST SEQUENCES .	2 SET
04-01-01026	HYDROLIC PRESS BRAKE CAPACITY BENDING 15 MM MAX. BENDING HEIGHT 3000 MM .	1 SET
04-01-01027	TESTING STAND FOR NO LOAD SHORT CIRCUIT INDUCED VOLTAGE TESTING	1 SET
04-01-01028	HIGH VOLTAGE LABORATORY	1 SET
04-01-01029	AUTOMATIC LINE FOR INSULATING THE CU AND AL CONDUCTORS CONDUCTOR DIMENSION DIA 1.5 X 8 MM - 20 X 30 MM	2 SET
04-01-01030	COIL DRYING OVEN MAX TEMPERATURE 110 DEGREE CENTIGRADE .	1 SET
04-01-01031	VIG- WELDING EQUIPMENT	1 SET
04-01-01032	DRILLING MACHINE WITH BASE -PLATE AND COOLING INSTALLATION	1 SET
04-01-01033	RADIAL DRILLING MACHINE	1 SET
04-01-01034	COMPACT SHEET METAL WORKING MACHINE FOR PUNCHING PROFILING AND FORMING	1 SET

04-01-01035	PRIMING AND PAINTING PLATFORM IN ANTIEXPLOSIVE CONSTRUCTION WITH LATERAL WALLS	1 SET
04-01-01036	SLITTING LINE FOR ELECTRICAL STEEL STRIP - SHEAR ARBOR DIA 160 MM CUTTER DIAMETER DIA 160 MM IN GOING STRIP WIDTH 1000MM	1 SET
04-01-01037	PACKING OF THE CORES INSTALLATION	1 SET
04-01-01038	SCISSOR FOR CIRCULAR OUT LINE - RING DIA 250 - 3000 MM .	1 SET
04-01-01039	VERTICAL INTERNAL THREADING MACHINE - MAX . INTER . THREAD DIA M20 M30	1 SET
04-01-01040	50 MVA UNIT CONDENSATORS BATTERY 125 MVAR	1 SET
04-01-01041	PANTOGRAF ENMGRAVING MACHINE WORKING SURFACE OF TABLE 200 X 320 MM	1 SET
04-01-01042	MILLING MACHINE FOR WEDGES WITH MILL TURNING 4900 R.P.M	1 SET
04-01-01043	CYLINDER DRYING OVEN . TEMP MAX 90 DEGREE CENTIGRADE	1 SET
04-01-01044	MILLING MACHINE FOR WEDGES	1 SET
04-01-01045	VERTICAL WINDING MACHINE . MAX . LOAD ON SUPPORT PLATE 20 TON .	3 SET
04-01-01046	HORIZONTAL WINDING MACHINE . MAX. COIL DIA 1800 MM .	1 SET
04-01-01047	HYDRAULIC PRESS OF 400 TF FOR TRANSFORMER COILS COIL MAX. SIZE DIA3000 - 5000 MM	1 SET
04-01-01048	TWO GIRDER BRIDGE CRANE S DIFFERENT CAPACITY LIFTING CAPACITY 32 TF OPENING 16 - 5 M .20 , 40 , 30 TONS	4 SET
04-01-01049	TWO GIRDER BRIDGE CRANE LIFTING CAPACITY 320/80 TF OPENING 28 M .	1 SET
04-01-01050	HYDROLIC SHEET BENDING PRESS USEFUL LG OF TABLE 4050 MM	1 SET
04-01-01051	SHEET ROLLING MACHINES SHEET THICKNESS = 30 MM MAX . SHEET WIDTH = 3000 MM AND SHEET THICKNESS = 16MM MAX . SHEET WIDTH = 14000 MM NO . OF ROLLERS = 4	2 SET
04-01-01052	TRANSFORMER LAMINATION CUT - TO - LENGTH LINE LENGTH 500 - 1000 MM WIDTH 100 - 1050 MM	1 SET
04-01-01053	OIL TREATMENT STAND ADJUSTABLE FLOW 1500 - 4000 L / MIN	1 SET
04-01-01054	VACUUM PUMPS 3000 LITER/MIN UP TO 0.05 TORR WITH MECHACNICAL BOOSTER AND VACUUM HOSE	6 NO
04-01-01055	DRYING OVENS 110 +10 DEGREE CENTIGRADE SIZE 12 L X6.5W X 5H METER	2 NO
04-01-01056	OIL JACK (20) TON	10 NO
04-01-01057	OIL PURIFIRE 6000 LITER/H	2 NO
04-01-01058	DRY AIR GENERATOR 2-3 CUBIC METER MIN	2 NO
04-01-01059	DEW POINT METER / RANGE LESS THAN - 30 DEGREE CENTIGRADE	2 NO
04-01-01060	OXYGEN DENSITY METER	2 NO
04-01-01061	MOISTURE TESTER	2 NO
04-01-01062	OIL TESTER	2 NO
04-01-01063	GAS MEASURING DEVICE	2 NO
04-01-01064	PARTIAL DISCHARGE TEST EQUIPMENT	2 NO
04-01-01065	INSULATING PRESS BOARD , PAPER AND CRAPE TAPE OF DIFFERENT SIZES	1000 TON

04-01-01066	TOOLS , MATERIAL AND ACCESSARIES FOR MAINTENANEE AND REPAIR OF POWER TRANSFORMAR	3 SET
04-01-01067	HIGH VOLTAGE TEST EQUIPMENT FOR POWER TRANSFORMAR	3 SET
04-01-01068	400KW KEROSENE VIBOR-PHASE DRYING UNIT ,ORIGINAL ROOM INCLUDING AUTODARE,VACUUM SYS. KEROSENE SYS.,OIL SYS., COOLING SYS. AND CONTROL SYS. AND PIPING .	1 SET
04-01-01069	ELECTRIC ASSEMBLY PLATFORM BASEMENT LOAD 15T	1 SET
04-01-01070	STORING TANK FOR FILTERED OIL	1 NO
04-01-01071	GEAR OIL PUMP RATED FLOW 38M3 / MIN	1 NO
04-01-01072	GEAR OIL PUMP RATED FLOW 18M3 / MIN	1 NO
04-01-01073	INTERMEDIATE OIL TANK VOLUME 10 T	1 NO
04-01-01074	TAPING MACHINE FOR LOAD THE RAPED LENGTH 13M	1 NO
04-01-01075	BRAZING MACHINE	2 NO
04-01-01076	WASTE OIL COLLECTING PLATE FORM DIMENTION 12 x 6M	1 NO
04-01-01077	GEAR OIL PUMP RATED FLOW 3.3 M3 / H	1 NO
04-01-01078	WASTE OIL STORAGE TANK VOLUME 2.8 M3	1 NO
04-01-01079	OIL HEATING SYSTEM Q= 1200 L/H	1 NO
04-01-01080	COLD PRESSING & WELDING EQUIPMENT	1 NO
04-01-01081	ROTARY PISTON PUMP ULTIMATE VACUUM PRESSURE 1.3PA	2 NO
04-01-01082	CONDENSOR 75 M2	1 NO
04-01-01083	SEPARATOR SINGLE CHAMBER	1 NO
04-01-01084	BUTT WELDER RATED CAPACITY 25 KVA ,SINGLE PHASE , PRIMARY VOLTAGE 380 V STEPS OF SECOND WINDING REGULATION 8 , THE OFF - LOAD VOLTAGE & SECOND WINDING 1.76 - 3.5 V	2 NO
04-01-01085	MANDREL EXPANSION RANGE 1000 - 1500MM NUMBER OF BARS 24 , WIDTH OF BAR 100MM , EFFECTIVE HEIGHT 3100 MM LOAD 7 T	2 NO
04-01-01086	MANDREL EXPANSION RANGE 500 - 2000MM NUMBER OF BARS 30 WIDTH OF BAR 100MM , EFFECTIVE HEIGHT 3100MM LOAD 10 T	2 NO
04-01-01087	OVERHEAD CRANE WITH REMOTE CONTROL 32T , WITH GERMANY ORIGIN REMOTE CONTROL	1 NO
04-01-01088	MOTOR TROLLY LOAD 40 T	1 NO
04-01-01089	ASSEMBLY PLATFORM FOR WINDING	3 NO
04-01-01090	WINDING TILTING MACHINE CARRY WEIGHT 20 T	1 NO
04-01-01091	HOT PRESS THE DIMENSION OF WORKING TABLE 3.2 x 3.2M , WORKING TEMPERATURE 160 + DEGREE CENTIGRADE	1 NO
04-01-01092	RIBS PRESSING MACHINE	1 NO
04-01-01093	MILLING MACHINE FOR MULTI- RIBS HEIGHT OF WORK TABLE 820MM LENGTH AND WIDTH OF WORKING TABLE 2 x0.5 M MILLING SPEED 100 MM / S	1 NO
04-01-01094	CUTTING MACHINE FOR INSULATION PAPER MAX. DE -COILING DIA 760MM ,NUMBER OF REWINDING SHAFTS 2	1 NO
04-01-01095	TAPING MACHINE FOR ELECTROSTIC TAPING DIA 1 - 3M	1 NO
04-01-01096	BAND SAW SAWING WIDTH x THICKNESS 580 x 230 MM	1 NO
04-01-01097	CRANE WITH REMOTE CONTROL 5 T	1 NO
04-01-01098	BURR REMOVING MACHINE	1 NO
04-01-01099	INSULATOR MANUFACTURE CENTER , WORKING TABLE DIMENSION 3x3M , THE KNIFE CAN BE MOVED TO 16 POSITION	1 NO
04-01-01100	AUXILIARY TOOLS	LOTS
04-01-01101	STACKING FIXTURES DIMENSION OF STACKING TABLE 10x4.5 x0.59M CARRY LOAD 150T	1 NO
04-01-01102	PUNCH SHEAR DISTANCE FROM MOVING MODULE CENTER TO	1 NO

	BODY 210MM DIMENSION OF WORK TABLE 460x 700MM	
04-01-01103	PLATE MILLING MACHINE DIMENSION OF WORKING TABLE 320 x1000 MM	1 NO
04-01-01104	MOTOR TROLLY LOAD 63 T	1 NO
04-01-01105	BINDING MACHINE FOR CORE	1 NO
04-01-01106	FLAME PLASMA CUTTING MACHINE LENGTH OF RAIL 16M CUTTING THICKNESS 4 - 20 MM	1 NO
04-01-01107	HYDRAULIC CUTTING MACHINE THICKNESS x WIDTH 16x3100 MM	1 NO
04-01-01108	HYDRAULIC PIPE BENDING MACHINE DIA 25 - 108 MM	1 NO
04-01-01109	CO2 WELDING MACHINE CONTINUE RATIO UNDER RATED LOAD 60%	5 NO
04-01-01110	WELDING TABLE 12 x 6M	3 NO
04-01-01111	SHOT - BOASTING EQUIPMENT 10 x7.5 x5	1 SET
04-01-01112	WATER -ROTATING PAINT BOOTH 12 x 6 x 5 M	1 NO
04-01-01113	MOTOR TROLLEY 40 T	1 NO
04-01-01114	BOLT WELDING MACHINE BOLT DIAMETER 4 - 24 MM ,CURRENT 1450A	1 NO
04-01-01115	LEAKING TESTING AND OTHER EQUIPMENT , TOOLS	1 SET
04-01-01116	GENERATOR SET 15000 KVA , 50 HZ	1 SET
04-01-01117	GENERATOR SET 2000 KVA , 200 HZ	1 SET
04-01-01118	INTERMEDIATE TRANSFORMER 16000 KVA	1 NO
04-01-01119	POWER FREQUENCY TESTING TRANSFORMER 1600 KVA ,2 x400KV 50 HZ	1 NO
04-01-01120	IMPULSE VOLTAGE GENERATOR 2400 KV	1 NO
04-01-01121	OIL TANK FOR TESTING DIA 3M , H 3.5 M	1 NO
04-01-01122	HR SWITCH BOARD	1 NO
04-01-01123	AIR - CUSHION WAGON 300 T	1 NO
04-01-01124	DRYING EQUIPMENT HEATING RESISTANCE -WIRE TO WARPPED OUTSIDE OIL TANK AND ONE SET OF 1200M3 /MIN VACUUM UNIT	1 SET
04-01-01125	OIL CHARGIN EQUIPMENT TREATMENT CAPACITY 1200 M3 / MIN	1 SET
04-01-01126	SPARE PARTS FOR MACHINES AND EQUIPMENTS	SETS
04-01-01127	COPPER INSULATED WIRE AND BUS BARS (MILD HARDNESS TRANSPOSE CONDUCTORS , COMBINATION)	1000 TON
04-01-01128	STEEL SHEET 3 -50 MM THICKNESS	500 TON
04-01-01129	SILICON SHEET DIFFERENT THICKNESS AND TYPES	1000 TON
04-01-01130	POWER TRANSFORMER ACCESSORIES BUSHINGS ,RADIATORS , PROTECTION DEVICES, CURRENT TRANSFORMER VOLTAGE , SWITCH OTHERS .	LOTS
04-01-01131	SEAM WELDER MAX. WELDING FORCE 400KG (5KG/CM2) , STROKE OF ELECTRODE FORCE 100MM , AND RATED INPUT 6 x 300KVA	1 NO
04-01-01132	CRANE TRUCK SET FOR 250 TONS CRANE TRUCK AND ACCESSORIES	1 NO
04-01-01133	LOW LOADER OUTDOOR SPECIAL LOW LOADER TO CARRYING HEAVY TRANSFORMER	1 NO
04-01-01134	I - BEAMS AND SANDSWITCH PANNELS DIFFERENT DIMN. AND DIFFERENT SPEC. FOR BUILDINGS	TONS
04-01-01135	COMPUTERS AND SOFTWARE WITH PLOTTERS MODERN AND POWERFULCOMPUTER FOR MULTI PURPOSE	60 PIECES
04-01-01136	PHOTO COPY AND DEVELOPMENT MACHINE & ACCESSORIES FOR DEVELOPMENT & PRODUCTION DESIGN SKETCHES AND DRAWINGS	10 NO

SECTION -D- 39- GAS PIPES & ACCESSORIES

CODE	ITEM	QTY.
	LINE PIPES: CARBON STEEL 30 INCHES DIAMETERS 150 KILOMETERS,	

04-01-01137	DIFFERENT THICKNESSES . FACTORY COATED WITH EXTRUDED POLYETHYLENE PLUS HEAT SHRINKABLE SLEEVES FOR GIRTH WELDS COMPLETE WITH THE FOLLOWING TO SUPPLY FUEL (DRY GAS) TO WASSET POWER STATION GAS LINE PIPE :	LOT
04-01-01138	WELDING ELECTRODES 400 TONS. OF DIFFERENT SIZES AND TYPES.	LOT
04-01-01139	LINE BRAKE VALVES. MANUAL AND SELF OPERATED. DIFFERENT TYPES AND SIZES RANGING FROM 42 INCHES TO HALF INCHES. 180 NOS .	LOT
04-01-01140	LAUNCHING AND RECEIVING STATION DIFFERENT SIZES, 8 NOS.	LOT
04-01-01141	FITTINGS. DIFFERENT SIZES AND TYPES FOR ABOVE MENTIONED LINE PIPE .	LOT
04-01-01142	CATHODIC PROTECTION SYSTEM.	LOT
04-01-01143	CONSUMABLES AND CONSTRUCTION TOOLS.	LOT
04-01-01144	INSTRUMENTS AND PIGS .	LOT
04-01-01145	REDUCTION PRESSURE SKIDS	LOT

SECTION -D- 40- RAW MATERIALS FOR THE FOLLOWING OIL PIPES & ACCESSORI

CODE	ITEM	QTY.
04-01-01146	MATERIALS API-5L-X60 SIZE DIA+ WALL THICKNESS 20X0.344 INCH , 508X8.74MM , END CONDITIONS BEVELLED , CONDITION COATED .	133 KM 16600 TON
04-01-01147	MATERIALS API-5L-X60 SIZE DIA+ WALL THICKNESS 20X0.406 INCH , 508X10.31MM , END CONDITIONS BEVELLED .	5 KM 740 TON
04-01-01148	MATERIALS API-5L-GR.B SIZE DIA+ WALL THICKNESS 24X0.312 INCH , 609X7.92MM , END CONDITIONS PLAIN , CONDITION BARE.	2 KM 275 TON
04-01-01149	MATERIALS API-5L-X60 SIZE DIA+ WALL THICKNESS 18X0.344 INCH , 457X8.74MM , END CONDITIONS BEVELLED , CONDITION COATED.	88 KM 9900 TON
04-01-01150	MATERIALS API-5L-X60 SIZE DIA+ WALL THICKNESS 18X0.375 INCH , 457X9.52MM , END CONDITIONS BEVELLED , CONDITION COATED.	5 KM 920 TON
04-01-01151	MATERIALS API-5L-GR.B SIZE DIA+ WALL THICKNESS 22X0.312 INCH , 558X7092MM , END CONDITIONS PLAIN , CONDITION BARE.	2 KM 250 TON
04-01-01152	HEAT SHRINKABLE SLEEVES , SIZE 20 INCH.	12000 PCS
04-01-01153	HEAT SHRINKABLE SLEEVES , SIZE 18 B1185 INCH.	7000 PCS
04-01-01154	CROSSING MATERIALS SIZE 24X20 INCH.	500 PCS
04-01-01155	CROSSING MATERIALS SIZE 22X18 INCH.	300 PCS
04-01-01156	ELASTIC NEOPRENE AND SEALS SIZE 18X22 INCH	60 PCS
04-01-01157	ELASTIC NEOPRENE AND SEALS SIZE 20X24 INCH	40 PCS

SECTION -E- 41- DISTRIBUTION NETWORK

CODE	ITEM	QTY.
04-01-01158	CABLE XLPE 3X150 11 KV	710 KM
04-01-01159	CABLE XLPE 3X150 33 KV	440 KM
04-01-01160	CABLE XLPE 1X400 33 KV	800 KM
04-01-01161	STRAIGHT JOINT 1X400MM2 33 KV (OUTDOOR)	4000 SET
04-01-01162	TERMINATION 1X400MM2 33 KV (OUTDOOR)	1150 SET
04-01-01163	STRAIGHT JOINT 3X150MM2 33KV	1450 SET
04-01-01164	TERMINATION JOINT 3X150 MM2 33KV (OUTDOOR)	950 SET
04-01-01165	TERMINATION 1X50 MM2 11 KV (INDOOR)	1000 SET
04-01-01166	STRAIGHT JOINT 400 VOLT 3X240+120	200 SET

04-01-01167	STRAIGHT JOINT 3X150MM2 11KV	2800 SET
04-01-01168	STRAIGHT JOINT 400VOLT 3X120+70	500 SET
04-01-01169	STRAIGHT JOINT 400VOLT 3X150+70	500 SET
04-01-01170	STRAIGHT JOINT 400VOLT 3X95+50	300 SET
04-01-01171	STRAIGHT JOINT 400VOLT 3X70+35	200 SET
04-01-01172	STRAIGHT JOINT 400VOLT 4X16 & 1X150	1000 PCS
04-01-01173	CUT -OUT FUSE 11& 33 KV WITH THE FUSES	23000 SET
04-01-01174	ELEMENT FUSE 20-40&60 AMP.	150000 PCS
04-01-01175	(ON - LOAD) LINE ISOLATOR 11KV &33KV	1430 PCS
04-01-01176	PORCELAIN PIN TYPE INSULATORS WITH GALVANIZED STEEL SPINDLE 33 KV LONG TYPE	16000 PCS
04-01-01177	PORCELAIN PIN TYPE INSULATORS WITH GALVANIZED STEEL SPINDLE 11 KV LONG TYPE	18500 PCS
04-01-01178	DISC INSULATORS FOR 11KV	65000 PCS
04-01-01179	DISC INSULATORS FOR 11KV - SOCKET EYE	51500 PCS
04-01-01180	DISC INSULATORS FOR 11KV - SUSPENSION CLAMP FOR 120/20&210/35	50000 PCS
04-01-01181	TENSION CLAMP FOR DISC INSULATORS FOR 11KV - 120/20&210/35	35000 PCS
04-01-01182	DISC INSULATORS FOR 11KV - BALL EYE	45000 PCS
04-01-01183	SHACKLE INSULATORS WITH D - IRON &2 BOLTS	120000 PCS
04-01-01184	L.T SWITCH BOARD FOR TR 250 & 400 KVA (OUTDOOR)	21000 PCS
04-01-01185	L.T SWITCH BOARD FOR TR 400 ,630&1000 KVA (INDOOR) WITH CAPACITORS	1100 PCS
04-01-01186	11/0.4 KV DIST . TRANSFORMERS 100 -250 -400 -630 & 1000 KVA WITH SPARE PARTS	16000 PCS
04-01-01187	33 / 0.4 KV DIST . TRANSFORMERS 250 ,400 ,630 & 1000 KVA WITH SPARE PARTS	110 PCS
04-01-01188	ACSR-BARE WIRE : 210/35 MM2	4900 KM
04-01-01189	ACSR-BARE WIRE : 120/20MM2	13500 KM
04-01-01190	AAC-BARE WIRE : 95MM2	7000 KM
04-01-01191	AAC-BARE WIRE : 70MM2	11000 KM
04-01-01192	AAC-BARE WIRE : 50MM2	9500 KM
04-01-01193	AAC-BARE WIRE : 35MM2	3350 KM
04-01-01194	KWH -METERS (1PH) 40 AMP	55000 PCS
04-01-01195	KWH- METERS (3PH) 3(20-60)AMP	60000 PCS
04-01-01196	400 VOLT TWISTED CABLES 3X70+50+16, 3X95+50+16 & 3X120+70+16	3800 KM
04-01-01197	ACCESSORIES FOR TWISTED CABLE	1630000 PCS
04-01-01198	LAMPS -125W -160W-250W&400W MERCURY	130000 PCS
04-01-01199	LAMPS 150W- 250W & 400 W SODIUM	30000 PCS
04-01-01200	LANTERNS FOR LAMPS -125W -160W- 250W&400W MERCURY	30000 PCS
04-01-01201	LANTERNS FOR LAMPS150W- 250W & 400 W SODIUM	21000 PCS
04-01-01202	CHOKES FOR LANTERNS FOR LAMPS 125 & 400W MERCURY	10000 PCS
04-01-01203	CHOKES FOR LANTERNS FOR LAMPS(150W, 250W & 400W) SODIUM	10000 PCS
04-01-01204	IGNITOR FOR LAMPS 400W SODIUM	10000 PCS
04-01-01205	PHOTO ELECTRICAL CELL	2500 PCS
04-01-01206	CONTROL POLE MOUNTED : SINGLE PHASE 230V , 80 AMP & THREE PHASE 400V , 100AMP	5500 PCS
04-01-01207	FLOOD LIGTH SYSTEM	20 PCS
04-01-01208	SINGLE POLE MCB 100 & 80 AMP 220 VAC 50HZ	2000 PCS
04-01-01209	1POLE CONTACTOR AC3 RATNG :80&100 AMP COIL 220/240 VAC 50HZ	2000 PCS
04-01-01210	3 POLE MCB 80 AMP 380 VAC 50HZ	2000 PCS
04-01-01211	3POLE CONTACTOR AC3 RATING 80 AMP COIL VAC 50HZ	1500 PCS
04-01-01212	33 / 11 KV SUBSTATION (2X31.5 , 2X10 &2X16) MVA WITH TRANSFORMERS & SPARE PARTS	54 NO.

04-01-01213	33 / 11KV SUB STATION (2X10&2X16) MVA WITH SPARE PARTS & WITH OUT TRANSFORMERS	23 NO.
04-01-01214	33 / 11KV MOBILE SUBSTATION (1X10 & 1X16) MVA WITH RECOMMENDED SPARE PARTS	5 PCS
04-01-01215	11 / 0.4 KIOSK SUBSTATION 400-1000 KVA WITH TRANSFORMER	200 PCS
04-01-01216	DIESEL GENERATORS (7.5-2500KVA) WITH RECOMMENDED SPARE PARTS AND SPECIAL TOOLS	100 PCS
04-01-01217	KWH METER WITH M.D.3X30-90A , 400V-3X50-150A ,400V-3X400/5C.T. , 400V-3X600/5 ,400V-3X1000/ 5 , 400V-3X1600/5,400V & 300/5 (110V) WITH C.T. (M.D.)	17000 PCS
04-01-01218	SPARE PARTS FOR KWH METER TYPE 400/5,600/5,1000/5 &1600/5	20000 PCS
04-01-01219	VHF COMMUNICATION EQUIPMENT FIXED WITH ACCESSORIES AND SPARE PARTS	265 PCS
04-01-01220	VHF COMMUNICATION EQUIPMENT MOBILE WITH ACCESSORIES AND SPARE PARTS	1310 PCS
04-01-01221	COAXIAL CABLE	30000 M.
04-01-01222	SWITCHING EQUIPMENT	30 PCS
04-01-01223	UHF COMMUNICATION EQUIPMEN T(P-P) & (PMP) WITH ACCESSORIES & SPARE PARTES	94 PCS
04-01-01224	TEST EQUIPMENT FOR COMMUNICATION SYSTEM	97 PCS
04-01-01225	POWER LINE CARRIER COMMUNICATION EQUIPMENT	370 SET
04-01-01226	BATTERY CHARGER 48 V .D.C.	300 PCS
04-01-01227	CASH MACHINE	340 PCS
04-01-01228	COMPUTERS AND PRINTERS	350 PCS
04-01-01229	COMPUTERS WITH UPS SYSTEM WITH SPARE PARTS	350 PCS
04-01-01230	PRINTERS WITH SPARE PARTS	320 PCS
04-01-01231	SCANNER	60 PCS
04-01-01232	SPARE PARTS FOR DEC PDP 11/44 COMPUTERS	518 PCS
04-01-01233	PILOTE CABLE 52* 0.9 MM	285 KM
04-01-01234	FUEL TANKER WITH RECOMMENDED SPARE PARTS	8 NO.
04-01-01235	SINGLE POLEMINIATURE CIRCUIT BREAKER 20A, 40A, 60A, 400V	140000 PCS
04-01-01236	CABLE TESTING VAN	12 NO.
04-01-01237	CRANE (40 & 80 TON) WITH RECOMMENDED SPARE PARTS	16 NO.
04-01-01238	BEAMLIFTER TRUCKS (17M & 22M) WITH RECOMMENDED SPARE PARTES	65 NO.
04-01-01239	S/S TESTING VAN	6 NO.
04-01-01240	TRUCK WITH LIFTER FOR TRANSFORMERS WITH RECOMMENDED SPARE	100 NO.
04-01-01241	TRAILER WITH LIFTER WITH RECOMMENDED SPARE PARTS.	44 NO.
04-01-01242	EXCAVATION EQUIPMENT WITH RECOMMENDED SPARE PARTS	16 NO.
04-01-01243	EARTH AUGER WITH RECOMMENDED PARE PARTS	40 NO.
04-01-01244	SHOVELS (WHEEL LOADER) WITH RECOMMENDED PARE PARTS	6 NO.
04-01-01245	MOULTED CASE C.B. TEST SET	2 NO.
04-01-01246	DUMPER TRUCK WITH RECOMMENDED PARE PARTS	16 NO.
04-01-01247	MOBILE CRASHER WITH RECOMMENDED SPARE PARTS	7 NO.
04-01-01248	CARS , STATION WAGON ,PICK-UP & MOTOR CYCLE WITH RECOMMENDED SPARE PARTS.	1350 NO.
04-01-01249	LORRIES (3 , 10 &16 TON) WITH RECOMMENDED SPARE PARTS	230 NO.
04-01-01250	LOWLOADER (60 & 90 TON) WITH RECOMMENDED SPARE PARTS	8 NO.
04-01-01251	FORKLIFT (5 &15 TON) WITH RECOMMENDED SPARE PARTS	140 NO.
04-01-01252	WATER &FUEL TANKER 16000-20000 LITTER WITH RECOMMENDED SPARE PARTS	20 NO.
04-01-01253	RECOVERY TRUCK WITH RECOMMENDED SPARE PARTS	10 NO.
04-01-01254	TOW CAR FOR SHIFITING OF DAMAGED VEHICLES WITH RECOMMENDED SPARE PARTS	8 NO.
04-01-01255	MINI BUSES (11&16 PERSONS) WITH RECOMMENDED SPARE PARTS	158 NO.
04-01-01256	BUS FOR TRANSPORTATION (40 PERSONS) WITH RECOMMENDED SPARE PARTS	35 NO.
04-01-01257	PORTABLE AIR COMPRESSOR	20 NO.
04-01-01258	DUMPER (1M 3) WITH RECOMMENDED SPARE PARTS	26 NO.

04-01-01260	TRACTOR WITH WAGON WITH RECOMMENDED SPARE PARTS	43 NO.
04-01-01261	CONCRETE MIXER CAR WITH RECOMMENDED SPARE PARTS	14 NO.
04-01-01262	TOOLS & EQUIPMENT FOR MAINTENANCE VEHICLE & TRUCKS	10000 NO.
04-01-01263	FIRE FIGHTING VEHICLE WITH RECOMMENDED SPARE PARTS	15 NO.
04-01-01264	JACKING MACHINE WITH RECOMMENDED SPARE PARTS	20 NO.
04-01-01265	JACK HAMMER	50 NO.
04-01-01266	REEL DRUM TRAILER FOR CABEL WITH RECOMMENDED SPARE PARTS	40 NO.
04-01-01267	TRAILER 40 TONS WITH RECOMMENDED SPARE PARTS	24 NO.
04-01-01268	LOWLOADER FOR TRANSFORMER 80 TON WITH RECOMMENDED SPARE PARTS	4 NO.
04-01-01269	MAILAR TRUCK	12 NO.
04-01-01270	SMI - TRAILER (10- 40 TON)WITH LIFTER 15 TON & SPARE PARTS	20 NO.
04-01-01271	MOBILE WORKSHOP FOR MAINTENANCE VEHICLE WITH RECOMMENDED SPARE PARTS	15 NO.
04-01-01272	MOBILE WORKSHOP TESTING VAN FOR S/S WITH RECOMMENDED SPARE PARTS	7 NO
04-01-01273	TIRES TYPES 12R 22.5-16PR, 165/80R13,185/80 R14, 700-12-12PR,6.00-R14-8PR,7.50-16-14PR,19.5 170 R14, 8.25-15-14PR,8.25-16-14PR,12.00 R24-18PR &225 / 60R15	11450 NO.
04-01-01274	MOULDED CASE C.B. TEST SET	10 PCS
04-01-01275	OUTDOOR 33KV C.B. 630A VACUUM OR SF6	20 PCS
04-01-01276	33 KV C.B. INCOMING & OUTGOING 1250A SF6 OR VACUUM(INDOOR)	120 SET
04-01-01277	AUTO RECLOSER 11KV 20KA SF6	80 PCS
04-01-01278	PHASE SEQUENCE 11KV	10 PCS
04-01-01279	VACUUM CHEKER 12KV- 28KV WITH INDICATOR OF LEAKAGE CURRENT (MA)	20 PCS
04-01-01280	SPARE PARTS FOR MEIDENSHA S/S :- C.B. 11KV 630A , 1250A 25KA VACUUM (JAPAN S/S)	40 PCS
04-01-01281	VACCUM C.B. 36KV , 630A , 25KA	5 PCS
04-01-01282	VACCUM C.B. (VE-14) 12KV , 2000A , 25KA	4 PCS
04-01-01283	VACCUM INTERRAPTER FOR VGB 630A 12KV,25KA	40 PCS
04-01-01284	TRIPPING COIL FOR VGB 110 VDC	10 PCS
04-01-01285	CLOSING SPRING LEVER	14 PCS
04-01-01286	CURRENT TRANSFORMER 36KV 200- 400/5/5A (JAPAN S/S)	13 PCS
04-01-01287	CURRENT TRANSFORMER 36KV 100- 400/5/5A (JAPAN S/S)	13 PCS
04-01-01288	BUSHING TYPE CURRENT TRANSFORMER 12KV 1800/5/5A	5 PCS
04-01-01289	BUSHING TYPE CURRENT TRANSFORMER 12KV 300/5/5A	16 PCS
04-01-01290	VOLTAGE TRANSFORMER 33KV/ $\sqrt{3}$ /110V/ 3 200VA (JAPAN S/	12 PCS
04-01-01291	VOLTAGE TRANSFORMER 11KV/ $\sqrt{3}$ /110V/ 3 1107 200 A (JA	31 PCS
04-01-01292	AMMETER WITH MAX. DEMAND (0-300A)	9 PCS
04-01-01293	VOLTMETER 0-45KV	7 PCS
04-01-01294	VOLTMETER 0-15KV	9 PCS
04-01-01295	UNDER FREQUENCY RELAY 110,46-50HZ	17 PCS
04-01-01296	OVER CURRENT GROUND RELAY 1-4A (TIME LAG) INSTANT 5-20A	7 PCS
04-01-01297	BUCHHOLZ RELAY	4 PCS
04-01-01298	LAMP FOR BSL (ACN-8811)& BSL (ABN-111)18V,2W	800 PCS
04-01-01299	BUZZER 110VDC	15 PCS
04-01-01300	BELL 110 VDC	22 PCS
04-01-01301	RECTIFIER SYSTEM UNIT FOR BATTERY CHARGER 150VD ,C , 15A)	11 PCS
04-01-01302	THYRISTOR 800V , 20A	10 PCS
04-01-01303	PILOT LAMP (WHITE) 220V AC (18V,2W)	300 PCS
04-01-01304	DITTO (RED)	220 PCS
04-01-01305	CLOSING HOOK	7 PCS
04-01-01306	POTENTIAL TESTER LAMP WITH ACCESSORIES	175 PCS
04-01-01307	CABLE JOINTING TOOLS	82 PCS
04-01-01308	O.H.L TOOLS	10700 SET

04-01-01309	AIR CONDITION (2 TON) WINDOW TYPE AND SPLIT	5200 PCS
04-01-01310	CABLE TERMINALS(10-16-25-35-50-70-95-120-150-185&200MM2)	70000 PCS
04-01-01311	RING MAIN UNIT 11KV	30 NO.
04-01-01312	RING MAIN UNIT TYPE EXTENSIBLE 11KV WITH SPARE PARTS	180 NO.
04-01-01313	33/11KV POWER TRANSFORMERS 10,16 &31.5 MVA WITH SPARE PART	43 PCS
04-01-01314	LATTICE STEEL POLES 9 & 11M	16500 PCS
04-01-01315	IBeam STEEL 140X66X8.6X5.7 MM LENGTH 9M (IPN) ST.52	1000 TON
04-01-01316	IBeam STEEL 140X66X8.6X5.7MM LENGTH 11M (IPN) ST.52	1000 TON
04-01-01317	STEEL ANGLE 30 X 30 X3 MM	100 TON
04-01-01318	PLATE THICKNESS 6 MM X75 MM	30 TON
04-01-01319	TUBLER STEEL POLES 9&11 M	43500 PCS
04-01-01320	STEEL PIPES SIZE 2.8M X 114 X 4.5MM ST. 52 FOR 11 M LENGTH	519 TON
04-01-01321	STEEL PIPES SIZE 3.35M X 139MMX 4.5MM ST.52 FOR 11 M LENGTH	1488 TON
04-01-01322	STEEL PIPES SIZE 5.5M X 165MM X 4.5MM ST.52 FOR 11 M LENGTH	980 TON
04-01-01323	STEEL PIPES SIZE 2.3M X 89MM X 3.3MM ST. 52 FOR 9 M LENGTH	87 TON
04-01-01324	STEEL PIPES SIZE 2.65M X 114MM X 3.6MM ST.52 FOR 9M LENGTH	395 TON
04-01-01325	STEEL PIPES SIZE 4.7M X 139MM X 4.5MM ST.52 FOR 9M LENGTH	1071 TON
04-01-01326	SINGLE CIRCUIT LONG SPAN STEEL TOWERS TYPE (S, S+3, S-3, T, T+3, T-3, H, H+3, H-3, S2, A2, L-3)	3000 PCS
04-01-01327	DOUBLE CIRCUIT MEDIUM SPAN STEEL TOWERS TYPE (2S, 2SC, 2TC, 2H, 2HC, 2SRC, 2AT)	1500 PCS
04-01-01328	STREET LIGHTING POLES 10 &15M	5200 SET
04-01-01329	LIGHTNING ARRESTERS 11 & 33 KV	11500 SET
04-01-01330	SPARE PARTS FOR FRENCH S/S :-CIRCUIT BREAKER 12KV, 630A, 25KA , FG2, SF6	50 PCS
04-01-01331	CIRCUIT BREAKER 12KV, 2000A, 25KA, LF3, SF6	11 PCS
04-01-01332	BREATHING FOR MAIN TANK FOR 5,10,&31.5 MVA	15 PCS
04-01-01333	BUCHOLZ RELAY FOR TRANSFORMER 31.5MVA ALAM -80	5 PCS
04-01-01334	GASKET FOR TRANSFORMER 5MVA	5 PCS
04-01-01335	WINDING TEMPERATURE INDICATOR FOR POWER TRANSFORMER 5,10&31.5 MVA	4 PCS
04-01-01336	OIL TEMPERATURE INDICATOR FOR POWER TRANSFORMER 5,10 &31.5 MVA	5 PCS
04-01-01337	MOTOR FOR TAP CHANGER	14 PCS
04-01-01338	SHOCK ABSORBER	310 PCS
04-01-01339	UNDER VOLTAGE RELEASE 110/120 VDC	17 PCS
04-01-01340	DIS CONNECTING CONTACT FINGERS FG2 630A	20 PCS
04-01-01341	DIS CONNECTING CONTACT FINGERS FG2 1250A	14 PCS
04-01-01342	DIS CONNECTING CONTACT FINGERS FG2 2000A	7 PCS
04-01-01343	EARTHING RESISTOR TYPE HENNEQUIN 300A 35/H COMPLETE	30 PCS
04-01-01344	INVERSE TIME DIRECTIONAL OVER CURRENT TYPE ITD 7211 OR EQUIVALENT (SEPAM)	2 PCS
04-01-01345	V.T RELAY INDEPENDENT TIME OVER VOLTAGE TYPE ITG 7114 OR EQUIVALENT	2 PCS
04-01-01346	EARTH FAULT RELAY TYPE ITG 7113 OR EQUIVALENT	2 PCS
04-01-01347	DIFFERENTIAL PROTECTION RELAY HHTA4 OR EQUIVALENT	2 PCS
04-01-01348	OVER CURRENT AND EARTH FAULT RELAY CDG 31 2X51+51N OR EQUIVALENT	3 PCS
04-01-01349	LAMPS 100W 110V	350 PCS
04-01-01350	L.V BULBS E14 TYPE 101-0172 60V ,5W	500 PCS
04-01-01351	VOLTMETER SELECTOR SWITCH REF 25644153	10 PCS
04-01-01352	LATCHING MECHANISM REF 9011400C1	45 PCS
04-01-01353	POLE OF C.B 12KV, 630A, 25K, FG2, SF6	12 PCS
04-01-01354	11 KV CURRENT TRANSFORMER 150-300/5/5 TCF 200A	13 PCS

04-01-01355	11 KV CURRENT TRANSFORMER 300-600/5/5 TCF 200A	10 PCS
04-01-01356	11 KV V.T 11000/ 110 /3 /110 TYPE RTF 200F	32 PCS
04-01-01357	ELECTRONIC CARDS OF CORO DEL CHARGER TYPE SCE 270A	5 PCS
04-01-01358	ELECTRONIC CARDS OF CORO DEL CHARGER TYPE SCE 270C	5 PCS
04-01-01359	BATTERY 110V NICKLE-CADMIUM 60,80 & 110AH CHLORIDE OR SAFTALKLINE (SET)	35 SET
04-01-01360	FUSE FOR VOLTAGE TRANSFORMER 0.5A	390 PCS
04-01-01361	FLAG RELAY110V D.C (FIR) DROP OUT FLAG RELAY110V D.C (FIR) DROP OUT	25 PCS
04-01-01362	FLAG RELAY110V D.C (FIR) PIK UP	25 PCS
04-01-01363	CIRCUIT BREAKER 12KV ,2000A,25KA,LF3,SF6	2 PCS
04-01-01364	TRIPING AND CLOSING COIL (887191)	80 PCS
04-01-01365	UNDER FREQUENCY RELAY (TYPE HTG 7012)	5 PCS
04-01-01366	ELECTRONIC TIME DELAY RELAY (TYPE 245.TE 110V D.C. 0.2 TO 180 SEC)	8 PCS
04-01-01367	AUX. RELAY 110V D.C. (TYPE 259-49)	10 PCS
04-01-01368	AUX. RELAY 110/ 3 (TYPE 245-481)	10 PCS
04-01-01369	L.V. CIRCUIT BREAKER 3-POLE 3AMP (TYPE C32 N)	5 PCS
04-01-01370	POTENTIAL TESTER 1AMP	30 PCS
04-01-01371	SOILD STATE VOLTAGE REGULATOR MK 20	1 PCS
04-01-01372	H.V. BUSHING REMOVABLE PART TYPE 750 IR- 36KV(M.G.SUPPLY) NOTICE 90588.	6 PCS
04-01-01373	HOREN 110 V D.C.25 WAAT (TYPE FL 35).	5 PCS
04-01-01374	33 KV V.T. 33000 / 110 50 VA GLASS 0.5 (TYPE TPF400).	2 PCS
04-01-01375	HRC FUSES 11KV (20,40,63,80&100) AMP	9200 PCS
04-01-01376	MCCB 400VOLT 3 PHASE (400 & 250)AMP	2000 PCS
04-01-01377	LOW TENSION PILLERS	3500 PCS
04-01-01378	LOW TENSION METER BOX	20000 PCS
04-01-01379	LOW VOLTAGE CABLE 3X240+120 MM2 ARMoured	20 KM
04-01-01380	LOW VOLTAGE CABLE 1X95 MM2	400 KM
04-01-01381	LOW VOLTAGE CABLE 1X150 MM2	80 KM
04-01-01382	LOW VOLTAGE CABLE 3X150+70 MM2 ARMoured & UNARMoured	14 KM
04-01-01383	LOW VOLTAGE CABLE 3X95+50 MM2 ARMoured & UN ARMoured	14 KM
04-01-01384	LOW VOLTAGE CABLE 2X1.5MM2	30 KM
04-01-01385	LOW VOLTAGE CABLE 2X2.5 MM2	115 KM
04-01-01386	LOW VOLTAGE CABLE 3X70+35 MM2 ARMoured & UN ARMoured	5 KM
04-01-01387	LOW VOLTAGE CABLE 4X10 MM2 ARMoured & UN ARMoured	170 KM
04-01-01388	LOW VOLTAGE CABLE 4X16 MM2 ARMoured & UN ARMoured	350 KM
04-01-01389	LOW VOLTAGE CABLE 4X25 MM2	55 KM
04-01-01390	BI-METAL CONNECTOR 210/120	36000 PCS
04-01-01391	PARALL GROVE CLAMB	25000 PCS
04-01-01392	BI-METAL CONNECTOR 95/50 & 25 /10	60000 PCS
04-01-01393	MID SPAN JOINT FOR CONDUCTOR 210/35 &120/20	5000 PCS
04-01-01394	SPARE PARTS FOR HUNGARIAN S/S :- CIRCUIT BREAKER 11 KV WITH SPARE PARTS	100 PCS
04-01-01395	33 KV SWITCH GEAR KIOSK TYPE IN-OUT COMPRESING 2 PANEL 800A 125KA WITH SPARE PARTS	3 PCS
04-01-01396	PUTASIOUM HYDROXIDE (KOH) FOR BATTERY	500 KG
04-01-01397	SILICAGEL IN TINS OF CAPACITY 5 KG FOR EACH	1000 NO.
04-01-01398	HIGH VOLTAGE TAPE FOR REPARING CABLES	15000 PCS
04-01-01399	1X 150 , 1X70 MM SINGLE CORE CABLE 12-20 KV	6 KM
04-01-01400	OVER HEAD AVR 11KV	120 SET
04-01-01401	COPPER WIRE 50 MM2	550 KM
04-01-01402	BUS BAR BOX (OUTDOOR)	2000 PCS
04-01-01403	EARTH ROD (2M) WITH CONNECTOR	25000 PCS
04-01-01404	STAY ROD	25000 PCS
04-01-01405	STAY WIRE	170000 KG
04-01-01406	OIL PURIFIER WITH SPARE PARTS	205 PCS
04-01-01407	RECOMMENDED SPARE PARTS FOR OIL PURIFIER (MAS 2500 & MAS 3500)	305 PCS
04-01-01408	PRIMARY INJECTION	12 PCS
04-01-01409	SECONDARY INJECTION	12 PCS
04-01-01410	OIL INSULATION TESTER	13 PCS
04-01-01411	HIGH TENSION TESTER	10 PCS
04-01-01412	AVO METER	150 PCS

04-01-01413	MAGGER	90 PCS
04-01-01414	CLAMP METER + P.F. METER	300 PCS
04-01-01415	TRANSFORMATION RATIO TESTER	13 PCS
04-01-01416	EARTHING RESISTANCE TESTER	20 PCS
04-01-01417	OVER HEAD PROJECTER	5 PCS
04-01-01418	VIDEO - TAPE WITH THE CAMERA	5 PCS
04-01-01419	PHOTOGRAPHI CAMERA	5 PCS
04-01-01420	RECORDER WITH THE MICROPHONE	5 PCS
04-01-01421	CD - PROJECTER (DATA SHOW)	2 PCS
04-01-01422	POWER FACTOR IMPROVMENT EQUIPMENT FOR L.T NETWORK 100 & 200 KVAR	800 SET
04-01-01423	POWER FACTOR IMPROVMENT EQUIPMENT FOR M.V. NETWORK 100, 200 & 300	100 SET
04-01-01424	CAPACITOR 0.4 KV (OUTDOOR) 5 ,10, 20 & 25 KVAR	40000 PCS
04-01-01425	DOUBLE SECTION ROPE OPERATED LADDERS (FIBER GLASS) 2X4.5 M & 2X6M	2700 PCS
04-01-01426	SAFETY EQUIPMENT	31500 PCS
04-01-01427	SAFETY LINE MAN BELT	3500 PCS
04-01-01428	DISCONNECTING HOT STICKS	1250 PCS
04-01-01429	TEST HOT STICK	650 PCS
04-01-01430	PORTABLE EARTH	1000 PCS
04-01-01431	INSULATING RUBBER GLOVES 1KV,11KV & 33KV	9000 PCS
04-01-01432	PROTECTIVE DRESS	12000 PCS
04-01-01433	HELMET (FIBER CLASS)	5000 PCS
04-01-01434	PROTECTIVE SHOES	11000 PAIR
04-01-01435	REHABILITATION OF SECTOR NETWORK	19 PROJECT
04-01-01436	REHABILITATION OF OLD SUBSTATION	12 PROJECT
04-01-01437	REHABILITATION & INSTALLATION OF NEW TELCOMMUNICATION EQUIPMENT FOR VOICE ,DATA AND PROTECTION OF POWER LINES	80 NO.
04-01-01438	ELECTRICITY DISPATCH CONTRL CENTERS FOR DISTRIBUTION ELECTRICAL NETWORK REHABILITATION & INSTALLATION OF NEW) CENTERS)	18 PROJECT
04-01-01439	SPARE PARTS FOR SCANIA TRUCKS	6000 NO.
04-01-01440	TYRE"S TYPE 1400X20X20 , 1200X22.5X16 , 1000X15X18 , 700X12X12 & 750X16X14	26000 NO.
04-01-01441	AC CAPACITOR 220 V 50HZ 10MF & 25MF	2000 PCS
04-01-01442	CRANE BRIDGE 5-10 TON WIDTH 18M , HEIGHT 6M	10 NO
04-01-01443	INSULATION OIL CHEMICAL TEST SET	5 NO.
04-01-01444	BATTERY IMPEDANCE TEST EQUIPMENT	8 NO.
04-01-01445	KWH - METER TEST AND CALIBRATION SYSTEM	7 NO.
04-01-01446	INSULATION POWER FACTOR TEST SET (TANDELTA)	8 NO.
04-01-01447	L.V. CIRCUIT BREAKER TEST SET	8 NO.
04-01-01448	SF6 GAS PRESSURE TESTER	10 NO.
04-01-01449	SEQUENCE TESTER FOR L.V.	20 NO.
04-01-01450	SF6 GAS LEAK DETECTOR	10 NO.
04-01-01451	LIVE EQUIPMENT ALARM	100 NO.
04-01-01452	CIRCUIT BREAKER 11KV WITH SPARE PARTS FOR HUNGARIAN S/S	70 NO.
04-01-01453	LIGHTING CONTROL PANEL POLE MOUNTED : SINGLE PHASE 230 V, 80 AMP & 3 THREE PHASE 400 V , 100 AMP	1000 PCS
04-01-01454	MUTIPLEXER	5 SET
04-01-01455	DIGITAL RADIO EQUIPMENT (POINT TO MULTI POINT) WITH ACCESSORIE	100 PCS
04-01-01456	COMMUNICATION STRAIGHT JOINT FOR COPPER WIRE WITH SPECIAL TOOLS	300 PCS
04-01-01457	DIGITAL RADIO EQUIPMENT (POINT TO POINT) WITH ACCESSORIES	3 SET
04-01-01458	PHASE DISPLACEMENT TESTER 11 KV	20 PCS
04-01-01459	SPARE PARTS FOR 33/11 KV S/S	10000 PCS
04-01-01460	SPARE PARTS FOR SIEMENS NETWORK	5000 PCS
04-01-01461	ELECTRICITY DISPATCH CENTERS REHABILITATION & INSTALLATION OF NEW CENTERS	3 NO.
04-01-01462	SAVING ENERGY LAMPS	1000000 NO.
04-01-01463	11/0.4 KV DIST. TRASFORMERS 100-250-400-630 & 1000 KVA WITH SPARE PARTS.	5000 PCS
04-01-01464	TOWERS TYPE (1C,1C3,1C2,1E,1E+3,1EC,1H,1H3,1HC,1L)	2500 PCS
04-01-01465	DEHYDRATING AGENT SILICAGEL IN TINS OF CAPACITY 5 KG FOR EACH	500 KG
04-01-01466	BATTERYCHARGER 12 V.D.CT	200 PCS
04-01-01467	REHABILITATION OF OLD ELECTRICAL NETWORK	2 NO.

04-01-01468	TANKER 16000-20000 LITTER WITH RECOMMENDED SPARE PARTS	3 NO.
04-01-01469	REFRACTORY FOR E.A.F. 22.5 TON & FOR SLIDING GATE & FOR VOD LDDLE 22.5 TON AND GAS STEERING	667.2 TON + 1430 PCS
04-01-01470	MATERIL , CK 35 , CK 45 , 41CR4 , 42CRMO4 , 25CRMO4 , CK 60 , ST .STEEL SUS 316.	1350 TON
04-01-01471	SLITTING MAEHINE (2) , ROLLING MAHINE (2) , BENDING MACHINE (1), FOR STEEL PLATE (1) AND COMPLETE LINE FOR PRODUCING FALSE CEILING	5 PCE
04-01-01472	FERO ALLOY ,(NI),(FESI),(FECR)L.C ,(FECR)H.C(FEMO),(FEV),(CAF2),(C), (FEMN)H.C.,(FEMN)L.C. AND PURE ALLUMINUM FOR DEOXIDATION.	384 TON
04-01-01473	OVER HEAD CREANS	52 PCS
04-01-01474	PLATE STEEL 37.	450 TON
04-01-01475	AMBULANCES	1 NO
04-01-01476	FIRE FIGHTING VEHICLES	1 NO
04-01-01477	CURRENT TRANSFORMER 12KV 150-300/5/5A (JAPAN S/S)	50 PCS
04-01-01478	CURRENT TRANFORMER 12KV 300-600/5/5 (JAPAN S/S)	50 PCS
04-01-01479	BENDING MACHINE 3-6MM	2 NO.
04-01-01480	SHEARING MACHINE	2 NO.
04-01-01481	SPOT WELDING MACHINE	2 NO.
04-01-01482	PUNCH MACHINE SIZE 0.5 INCH - 1.5 INCH	4 NO.
04-01-01483	PORTABLE GRIND MACHINE	4 NO.
04-01-01484	ELECTRICAL WELDING MACHINE	15 NO.
04-01-01485	FIXED DRILL MACHINE 2-4 CM	2 NO.
04-01-01486	PIPE BEND MACHINE	2 NO.
04-01-01487	ACID OIL TESTER (TRANSFORMER OIL)	10 NO.
04-01-01488	TEST AND CHECK CAPACTTOR TESTER	2 NO.
04-01-01489	PRIMARY INJECTION CURRENT FOR LOW TENSION CIRCUIT BREAKERS CAPACITY 10KA	2 NO.
04-01-01490	DIESEL SAW FOR CUTITING TREES	50 PCS
04-01-01491	KOH (POTASIUH HIDROXID FOR ALKLINE BATTERIES	1000 KG
04-01-01492	GRAIN ORIENTED SILICON STEEL	3000 TON
04-01-01493	COLD ROLLED CARBON STEEL STRIP	1000 TON
04-01-01494	COPPER WIRE (BARE , ENAMILLED , PAPER INSULATED)	1000 TON
04-01-01495	COPPER STRIP ROLL & SHEET FOR TRANSFORMERS	750 TON
04-01-01496	TAP CHANGER. CONTROL PANNELS WITH SPARE PARTS	2500 PCS
04-01-01497	BUSHING FOR TRANSFORMERS	100000 PCS
04-01-01498	HOT ROLLED STEEL SHEET	500 TON
04-01-01499	HOT ROLLED STEEL SHAPES	400 TON
04-01-01500	CARBON STEEL PIPES AND ROD	300 TON
04-01-01501	SEMI FINISHED PARTS FOR TRANSFORMERS	500 PCS
04-01-01502	OIL	900000 LIT
04-01-01503	COPPER ROD 8mm	2000 TON
04-01-01504	ALUMINIUM WIRE ROD	2000 TON
04-01-01505	PRESTRESS REINFORCED STEEL WIRE DIAM. 7.4mm	500 TON
04-01-01506	GALV. ST. SHEET 0.6 - 3.2MM	500 TON
04-01-01507	PRECOATED ST. STR. 0.5 X 1000 X ROLL	750 TON

SECTION F 42- GENERAL PURPOSE EQUIPMENT AND TOOLS

CODE	ITEM	QTY
04-01-01508	CARS, PICKUPS, LORRIES	5000 NOS
04-01-01509	CRANES AND LIFTING DEVICES	400 NOS
04-01-01510	TANKERS FOR CHEMICAL TRANSPORTATION AND FOR WATER TREATMANT	16 NOS
04-01-01511	AMBULANCE CARS	50 NOS
04-01-01512	FIRE FIGHTING VEHICLES	50 NOS
04-01-01513	CONCRETE BATCH PLANT WITH ACCESSARIES	5 LOT
04-01-01514	CONCRETE TRUCK MIXER	10 NOS
04-01-01515	CONCRETE LIFTING PUMPS , HEAD 16-45 METER	4 NOS
04-01-01516	CIVIL ENGINEERING SURVEY TOOLS AND TEST EQUIPMENT	10 SET
04-01-01517	REINFORCEMENT STEEL OF DIFFERENT SIZES	50000 TON
04-01-01518	WELDING ELECTRODES OF DIFFERENT SIZES	500 TON
04-01-01519	SHUTTERING WOOD OF DIFFERENT SIZES	5000 TON
04-01-01520	METEL SHEET FOR CIVIL CONSTRUCTION OF DIFFERENT SIZES	5000 TON
04-01-01521	SHOVELS OF DIFFERENT TYPE	20 NOS

04-01-01522	SPARE PARTS GEC RUSTON DIESEL	LOT
04-01-01523	SPARE PARTS CUMMING N,NT,NTA 855	LOT
04-01-01524	SPARE PARTS BRUSHLESS A.C GENERATOR CONTROL PANAL FOR DIESEL GENERATOR SETFOR CAPACITY 1100KVA, 1000KVA,600KVA & 30KVA	LOT
04-01-01525	SPARE PARTS FOR NISSAN DIESEL RD8U.D	LOT
04-01-01526	COMPUTER NETWORKING SYSTEM AND ITS ACCESSORIES	5 SET
04-01-01527	SPARE PARTS FOR COMPUTER	100 PCS
04-01-01528	INFOCUS LP930 WITH ITS ACCESSORIES	3 NO.
04-01-01529	INSTRUMENTS FOR MEASURING AND TESTING EQUIPMENTS FOR EL LABORATARY.	50 PCS
04-01-01530	SOLDERING AND DESOLDERING STATION	4 NO.
04-01-01531	EXECUTIVE STYLE TOOL CASES WITH ACCESSORIES AND TOOLS	10 NO.
04-01-01532	ELECTRONIC LAB TEST BENCH	4 NO.
04-01-01533	INSTANT SOLDERING STATION WITH ACCESSORIES	10 NO.
04-01-01534	INDUSTRIAL PROCESSORS FOR CONTROL SYSTEM OF POWER PLAN	10 NO.
04-01-01535	ELECTRONIC COMPONENTS FOR MAINTAINCE OF ELECTRONIC BOAR	1000 PCS
	OF POWER STATION	
04-01-01536	CONTROL AND DATA CABLES	100 M
04-01-01537	ELECTRONICALLY CONTROLLED SOLDERING STATION	10 NO.
04-01-01538	FORM PRINTING MACHINE	1 NO.
04-01-01539	FORM COLLECTING MACHINE	1 NO.
04-01-01540	CUTTING MACHINE	1 NO.
04-01-01541	SHEET OFFSET PRINTING	4 NO.
04-01-01542	PAPER PRESS SYSTEM	2 NO.
04-01-01543	FORM PAPER	1500 TON
04-01-01544	LAPTOP PORTABLE COMPUTER WITH COMMUNICATION MODULE	1 SET
04-01-01545	GIS SYSTEM WIYH TWO WORKSTATIONS	1 SET

SECTION -F 43- MAKHOOL HYDRO POWER STATION (4X65) MW

CODE	ITEM	UNIT
04-01-01546	KAPLAN TURBINES WITH GOVERNORS (4X65)MW	4 UNITS
04-01-01547	GENERATOR WITH EXCITION SYSTEM & GENERATOR VOLTAGE EQUIPMENTS .	4 UNITS
04-01-01548	MAIN TRANSFORMERS	4 P.C.S
04-01-01549	132 KV G.I.S, OVER HEAD LINE TERMINATIONS & 33/11KV SWITCHGEA	LOT
04-01-01550	COOLING WATER & POTABLE WATER SYSTEMS	LOT
04-01-01551	OIL HANDLING & AIR COMPRESSED SYSTEMS	LOT
04-01-01552	AIR CONDITIONING , HEATING & VENTILATION SYSTEMS	LOT
04-01-01553	MAIN POWER HOUSE OVERHEAD CRANE & AUXILIARY CRANES & ELEVATORS	LOT
04-01-01554	WORKSHOP EQUIPMENT & DIESEL - GENERATOR SETS .	LOT
04-01-01555	FIRE FIGHTING SYSTEMS .	LOT
04-01-01556	132/33/11 KV CABLES	LOT
04-01-01557	132/33/11 KV TRANSFORMERS & AUXILIARY TRANSFORMERS	LOT
04-01-01558	380 / 220 AC SUPPLY SYSTEM , LOW VOLTAGE POWER CONTROL & SIGNALING CABLES.	LOT
04-01-01559	LIGHTING & POWER INSTALLATION & EARTHING SYSTEMS	LOT
04-01-01560	PROTECTIVE RELAYS , INSTRUMENTATION'S , METERING & WATER MEASURING SYSTEMS .	LOT
04-01-01561	COMMUNICATION SYSTEM	LOT
04-01-01562	POWER PLANT COMPUTER SYSTEMS	LOT
04-01-01563	220/48 V D.C SUPPLY SYSTEMS	LOT

SECTION -F- 44 WIND TURBINE GENERATOR STATION

CODE	ITEM	QTY
04-01-01564	MATIRIAL AND EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION	LOT
04-01-01565	TURBINE WITH ACCESSORIES	1 SET
04-01-01566	GENERATOR WITH ACCESSORIES	1 SET
04-01-01567	ELECTRICAL SYSTEM	1 SET
04-01-01568	CONTROL SYSTEM	1 SET

SECTION - F- 45 METEOROLOGICAL AND WIND MEASURING STATIONS / MASTS

CODE	ITEM	QTY
04-01-01569	MEASURING INSTRUMENTS AND ACCESSORIES	15 PCS
04-01-01570	DATA LOGGER	15 PCS
04-01-01571	SENSORS	15 PCS

SECTION -G 46- MISSELLENOUS EQUIPMENT

CODE	ITEM	UNIT
04-01-01572	WINDMILL POWER GENERATION UNITS 100KW - 5MW	100 SET
04-01-01573	PHOTO VOLTAIC SOLAR PANEL WITH BATTERY CHARGING CONTROL UNIT 100-2000 WATT	1000 SET
04-01-01574	TRAILERS 40-70 TON	50 NO
04-01-01575	LOW LOADER 50-150 TON	20 NO
04-01-01576	EQUIPMENT FOR ESTABLISHING WORKSHOP FOR REWINDING H.V. MOTORS	LOT
04-01-01577	SMALL DIESEL ELECTRIC GENERATORS (5 , 10 , 15) KVA WITH SPARE PARTS AND EQUIPMENT FOR ESSEMBLY AND REPAIR	500 NO
04-01-01578	SPARE PARTS FOR OXYGEN COMPRESSOR	LOT
04-01-01579	SPARE PARTS FOR AIR COMPRESSOR	LOT
04-01-01580	NEW 400KV SUBSTATION ALAMEEN	LOT
04-01-01581	NEW 400KV SUBSTATION BAGHDAD CENTER	LOT
04-01-01582	STEEL PLATES (DIFF. SIZES)	690 TONS
04-01-01583	STEEL ANGLES , STEEL 52	300 TONS
04-01-01584	STEEL ANGLES , BOLTS , NUTS AND WASHERS	462500 PCS
04-01-01585	SPARE PARTS FOR DIESEL GENERATOR	1 LOT
04-01-01586	PC- COMPUTERS (FILE SERVERS)	6 PCS
04-01-01587	PC- COMPUTERS (WORK STATIONS)	44 PCS
04-01-01588	PRINTERS (EPSON LQ 2180) AND RIBBON	10+1000 PCS
04-01-01589	RIBBON FOR PRINTER (MT691)	500 PCS
04-01-01590	MULTIMEDIA EDUCATIONAL NETWORK SYSTEM	1 SET
04-01-01591	PROJECTER INFOCUS (1100 LUMENS OR MORE)	2 SET
04-01-01592	COMPUTER TRAINING LAB.	1 SET
04-01-01593	ELECTRONICS WORKSHOP	1 SET
04-01-01594	UPS (5 KVA) , 2 KVA	20 NO.
04-01-01595	SPARE PART FOR SKYLIFT TYPE M.A.N. (ROTHMAN) AND TYPE INTERNATIONAL	2000 PCS
04-01-01596	PAPER IN ROLE	1000 ROLL
04-01-01597	CARBON ROLE	200 ROLL
04-01-01598	INK	200 LETER
04-01-01599	GUM	200 LETER
04-01-01600	PAPER TAPE	1000 ROLL
04-01-01601	COMPRESSER : MODEL 30 GA 040 B250 400V , PH=3 H2=50 37A 20 SKW 1500 R/MIN 31 BAR	6 NO
04-01-01602	CONDENCER FANS * DIAMEFER : 762 MM * SPEED : 950 RPM * TOTAL AIR QUANTITY : 43600 M3/N	9 NO
04-01-01603	CONDECERS : * FIN SPARING : 2.5MM * NUMBER OF ROW/PER ELEMENT : 4 * FALEAREA : 5.61M2	6 NO
04-01-01604	EXPANSION VALVE : XB 1019 HW100 1B ALCO COMPANY	16 NO
04-01-01605	AMBALANCE CAR	8 NO
04-01-01606	MOBILE G.T AUXILIARIES & CONTROL CARDS FOR DIBIS GAS TURBUNE , MOSUL GAS TURBINE AND MULLA ABDULLA GAS TURBINE POWER STATION .	1000 PCS + 100 SET

04-01-01607	MOBILE G.T COMBUSITION & TURBINE EQUIPMENTS FOR DIBIS GAS TURBUNE , MOSUL GAS TURBINE AND MULLA ABDULLA GAS TURBINE POWER STATION .	1000 PCS + 100 SET
04-01-01608	MOBILE G.T REHABILITATION & ENGINEERING SERVICE FOR DIBIS GAS TURBUNE , MOSUL GAS TURBINE AND MULLA ABDULLA GAS TURBINE POWER STATION .	10 UNITS
04-01-01609	MOBILE G.T LUBE OIL SYSTEM AND EQUIPMENTS FOR DIBIS GAS TURBUNE , MOSUL GAS TURBINE AND MULLA ABDULLA GAS TURBINE POWER STATION .	20000 LITER + 500 PCS
04-01-01610	MOBILE G.T INTAKE AIR SYSTEM FOR DIBIS GAS TURBUNE , MOSUL GAS TURBINE AND MULLA ABDULLA GAS TURBINE POWER STATION .	3000 NO
04-01-01611	STAINLESS STEEL SHEET	150 TON
04-01-01612	SPARE PARTS FOR M/C	200000 PCS
04-01-01613	TESTING EQUIPMENT	250 PCS
04-01-01614	INS. FLEXIEBLE WIRES & CABLES	30000 PCS
04-01-01615	WELDING RODS	20 TON
04-01-01616	COATING MATERIAL	200 TON
04-01-01617	NITRIL & CORKPREN SHEETS	10000 PCS
04-01-01618	FASTENERS & NUTS , WASHERS	1500000 PCS
04-01-01619	INSULATING MATERIALS	200 TON
04-01-01620	PRESTRESSING REINFORCEMENT STEEL WIRE DIAM . 7.4mm	450 TON
04-01-01621	WEDGES TYPE, 81 - 001.07 FOR 7.4mm ROUND WIRE	5000 PCS
04-01-01622	CROSS WIRING MILD STEEL (BLACK) WIRE OF COMMERCIAL QUALITY 3mm DIAM. IN COILS OF 600mm DIAM.	10 TON
04-01-01623	CIRCULAR CONSTRUCTION YOKES WELDABLE REINFORCMENT BARS 4mm OF COMMERCIAL QUALITY.	10 TON
04-01-01624	MOULD (FORGED STEEL) FOR PRODUCING CONCRETE POLES (9)m LENGTH.	10 PCS
04-01-01625	SHUNTING VEHICLE TUGGING CAPACITY (250 TONS) , ROAD AND RAIL APPLICATION . THE ENGINE TO BE DIESEL , 6 CYLINDERS , EQUIPPED WITH TURBO - CHARGER , COOLING TO BE WITH WATER . THE VEHICLE SHOULD BE EQUIPPED WITH FOUR RUBBER TIERS FOR ROAD USE AND FOUR STEEL TIERS FOR RAIL APPLICATION . THE TRANSMISSION MOVEMENT FROM THE ROAD TO THE RAIL SHOULD NOT EXCEED (40M.) DRIVERS CABINET TO BE AIR-CONDITIONED. AIR BRAKES WITH HYDRAULIC EXCHANGER , FOUR-WHEEL DRIVE. AUTOMATIC TRANSMISSION . EQUIPED FROM THE FRONT AND REAR WITH HOOK ASSEMBLY FOR TUGGING CARGO CAR. SHOULD BE EQUIPPED WITH TWO BATTERIES (120AMP * VOLTS) LIGHTS TO BE AT BOTH ENDS .	2 NO
04-01-01626	INDUSTRIAL PROCESSORS FOR CONTROL SYSTEM OF POWER PLANTS	10 NO.
04-01-01627	PROTO TYPE PCB SYSTEM	1 SET
04-01-01628	SPARE PARTS FOR TALLY PRINTER	78 PCS
04-01-01629	SCANNER LG 9600 DP	2 SET
04-01-01630	REHABILITATION OF DIFFERENT POWER STATIONS	5 NO.
04-01-01631	DIESEL POWER STATIONS OF DIFFERENT SIZES.	20 NO.
04-01-01632	MOBILE SUBSTATION 132/33 KV	10 NO.
04-01-01633	MOBILE SUBSTATION 132/11 KV	10 NO.
04-01-01634	MOBILE SUBSTATION 33/11 KV	10 NO.