

Annex (2)
Phase 13
Electricity Sector)

LIST OF POWER STATIONS AND NETWORK

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AL - MUSSAIB POWER STATION

CODE	ITEM	
04-01-00001	TURBINE SYSTEM EQUIPMENT AND SPARES	
04-01-00002	BOILER TUBES & ACCESSORIES	
04-01-00003	BOILER AUXILIARY SYSTEM AND SPARES	
04-01-00004	PACKING , SEALING RING OF DIFFERENT SIZES	
04-01-00005	AIR HEATERS WITH SPARES	
04-01-00006	CONDENSER TUBES WITH ACCESSORIES	
04-01-00007	PUMPS , COMPRESSORS AND ROTARY MACHINES & SPARES	
04-01-00008	SWITCH YARD EQUIPMENT AND ACCESSARIES & SPARES	
04-01-00009	POWER TRANSFORMERS WITH SPARES	
04-01-00010	VALVES OF VARIOUS SIZES AND SPARES	
04-01-00011	CHEMICALS FOR WATER TREATMENTS	
04-01-00012	WATER TREATMENT EQUIPMENT AND SPARES	
04-01-00013	CORTEN STEEL	
04-01-00014	CONTROL , MEASURMENT AND PROTECTION SYSTEMS & SPARES.	
04-01-00015	DC POWER SUPPLY EQUIPMENT & SPARES	
04-01-00016	GENERATOR , SYSTEM EQUIPMENT & SPARES	
04-01-00017	REHABILITATION AND ENGINEERING SERVICES	
04-01-00018	ELECTRODES OF DIFFERENT SIZES	
04-01-00019	TURBINE OIL	
04-01-00020	SPARE PARTS OF AL-MUSSAIB TURBINES (ROTOR – BLADES DIAPHRAM ,ELECTRONIC COMPONTS ...ETC.)	
04-01-00021	GAS TURBINES WITH ACCESSARIES	
04-01-00022	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00023	TEST EQUIPMENT OF DIFFERENT TYPES AND SPARES	
04-01-00024	AIR COOLED CHILLER WITH ACCESSORIES	
04-01-00025	COMBINED CYCLE UNITS (2X125) MW	
04-01-00026	POWER CABLES OF DIFFERENT SIZES	
04-01-00027	POWER STATION EXTENTION (2X350) MW	
04-01-00028	SUPLING BLADES AND SUPERVISION	

02 - DAURA POWER STATION

CODE	ITEM	
04-01-00029	TURBINE SYSTEM EQUIPMENT AND SPARES	
04-01-00030	BOILER TUBES WITH ACCESSORIES	
04-01-00031	BOILER AUXILIARY SYSTEM WITH SPARES	
04-01-00032	PACKING , SEALING RING OF DIFFERENT SIZES	
04-01-00033	AIR HEATERS WITH SPARES	
04-01-00034	CONDENSER TUBES WITH ACCESSORIES	

04-01-00035	PUMPS , COMPRESSORS , ROTARY MACHINES AND SPARES	
04-01-00036	SWITCH YARD EQUIPMENT AND ACCESSORIES	
04-01-00037	POWER TRANSFORMERS WITH SPARES	
04-01-00038	VALVES OF DIFFERENT TYPES WITH ACCESSORIES	
04-01-00039	CHEMICALS FOR WATER TREATMENT	
04-01-00040	WATER TREATMENT EQUIPMENT WITH AUXILIARIES	
04-01-00041	CORTEN STEEL	
04-01-00042	CONTROL , MEASURMENT AND PROTECTION SYSTEMS WITH SPARES	
04-01-00043	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	
04-01-00044	GENERATOR , SYSTEM EQUIPMENT AND SPARES	
04-01-00045	REHABILITATION AND ENGINEERING SERVICES ACCORDING TO ATTACHED LISTS	
04-01-00046	ELECTRODES OF DIFFERENT SIZES TURBINE OIL	
04-01-00047	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00048	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00049	AIR COOLED CHILLER WITH ACCESSORIES	
04-01-00050	GAS TURBINE WITH ACCESSORIES	
04-01-00051	POWER CABLES OF DIFFERENT SIZES	

GHDAD SOUTH POWER STATION

CODE	ITEM	
04-01-00052	TURBINE SYSTEM EQUIPMENT WITH AUXILIARIES	
04-01-00053	BOILER TUBES WITH ACCESSORIES	
04-01-00054	BOILER AUXILIARY SYSTEM WITH ACCESSORIES	
04-01-00055	PACKING OF DIFFERENT SIZES	
04-01-00056	AIR HEATERS	
04-01-00057	CONDENSER TUBES WITH ACCESSORIES	
04-01-00058	PUMPS , COMPRESSORS AND ROTARY MACHINES WITH SPARES	
04-01-00059	SWITCH YARD EQUIPMENT AND ACCESSARIES	
04-01-00060	POWER TRANSFORMERS WITH SPARES	
04-01-00061	VALVES OF DIFFERENT TYPES WITH ACCESSORIES	
04-01-00062	CHEMICALS FOR WATER TREATMENT	
04-01-00063	WATER TREATMENT EQUIPMENT AND SPARES	
04-01-00064	CORTEN STEEL	
04-01-00065	CONTROL , MEASURMENT AND PROTECTION SYSTEMS WITH SPARES	
04-01-00066	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	
04-01-00067	GENERATOR , SYSTEM EQUIPMENT WITH ACCESSORIES	
04-01-00068	REHABILITATION AND ENGINEERING SERVICES ACCORDING TO ATTACHED LISTS	
04-01-00069	TURBINE OIL	
04-01-00070	ELECTRODES OF DIFFERENT SIZES	
04-01-00071	GAS TURBINE WITH ACCESSARIES	
04-01-00072	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00073	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00074	AIR COOLED CHILLER WITH ACCESSORIES	
04-01-00075	GAS TURBINE UNITS WITH ACCESSORIES FRAME6 (2X40)MW	
04-01-00076	POWER CABLES OF DIFFERENT SIZES	
04-01-00077	FIBER GLASS FOR FURNANCE FRAME	

04-01-00078	VARNISH	
04-01-00079	FIBER GLASS	
04-01-00080	MICA –CLASS FABRIC TAPE	
04-01-00081	POWER TAPE M23	

ARANIYAH DIESEL POWER STATION

CODE	ITEM	
04-01-00082	REHABILITATION AND ENGINEERING SERVICES	
04-01-00083	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00084	TEST EQUIPMENT OF DIFFERENT TYPES	

YAH HYDRO - ELECTRIC POWER TATION

CODE	ITEM	
04-01-00085	TURBINE SYSTEM EQUIPMENT WITH ACCESSORIES	
04-01-00086	GENERATOR SYSTEM EQUIPMENT WITH ACCESSORIES	
04-01-00087	REHABILITATION OF UNIT GENERATOR	
04-01-00088	CONTROL ,MEASURMENT AND PROTECTION SYSTEMS WITH ACCESSORIES	
04-01-00089	SWITCH YARD EQUIPMENT WITH ACCESSORIES	
04-01-00090	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	
04-01-00091	GATES AND VALVES WITH ACCESSORIES	
04-01-00092	AIR COMPRESSORS AND ACCESSARIES	
04-01-00093	CABLE BOX TERMINATIONS WIH ACCESSORIES	
04-01-00094	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00095	TEST EQUIPMENT OF DIFFERENT TYPES WITH SPARES	
04-01-00096	REHABILITATION OF THE AIR CONDITIONING SYSTEM FOR . THE P.S	
04-01-00097	PUMPS , COMPRESSOR AND ROTARY	

IA HYDRO – ELECTRIC POWER STATION

CODE	ITEM	
04-01-00098	TURBINE SYSTEM EQUIPMENT WITH ACCESSORIES	
04-01-00099	GENERATOR SYSTEM EQUIPMENT WITH ACCESSORIES	
04-01-00100	CONTROL , MEASURMENT AND PROTECTION SYSTEMS WITH ACCESSORIES	
04-01-00101	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	
04-01-00102	GATES AND VALVES WITH SPARES	
04-01-00103	AIR COMPRESSORS AND ACCESSARIES	
04-01-00104	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00105	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00106	POWER CABLES OF DIFFERENT SIZES	
04-01-00107	SWITCH YARD EQUIPMENT WITH ACCESSORIES	
04-01-00108	PUMPS , COMRRESSORS AND ROTARY MACHINES	

EN HYDRO - ELECTRIC POWER STATION

CODE	ITEM	
04-01-00109	TURBINE SYSTEM EQUIPMENT WITH ACCESSORIES	
04-01-00110	GENERATOR SYSTEM EQUIPMENT WITH ACCESSORIES	

04-01-00111	CONTROL , MEASURMENT AND PROTECTION SYSTEMS WITH ACCESSORIES	
04-01-00112	SWITCH YARD EQUIPMENT WITH ACCESSORIES	
04-01-00113	DC POWER SUPPLY EQUIPMENT WITH ACCESSORIES	
04-01-00114	GATES AND VALVES WITH ACCESSORIES	
04-01-00115	AIR COMPRESSORS AND ACCESSARIES	
04-01-00116	GAS TURBINE WITH ACCESSARIES	
04-01-00117	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00118	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00119	COMBINED CYCLE (2X125)MW	
04-01-00120	POWER CABLES OF DIFFERENT SIZES AND VALLAY	
04-01-00121	PUMPS , COMRESSORS AND ROTARY MACHINES	

JAF GAS TURBINE POWER STATION

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

JJI GAS TURBINE POWER STATION

CODE	ITEM	
04-01-00138	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSARIES	
04-01-00139	INNER CASING AND HOT PATH EQUIPMENT	
04-01-00140	COMBUSTION EQUIPMENT AND ACCESSARIES	
04-01-00141	GAS UNITS STARTING DEVICE WITH SPARES	
04-01-00142	CONTROL , MEASURMENT AND PROTECTION SYSTEMS.	
04-01-00143	GENERATOR , EXCITATION AND ACCESSARIES	
04-01-00144	PUMPS , MOTORS AND ROTARY MACHINES WITH ACCESSORIES	
04-01-00145	BATTERIES , CHARGERS AND CONVERTERS WITH ACCESSORIES	
04-01-00146	SWITCH YARD EQUIPMENT WITH ACCESSORIES	
04-01-00147	REHABILITATION AND ENGINEERING SERVICES	
04-01-00148	REHABILITATION AND ENGINEERING SERVICES FOR MOBILE G.T. UNITS (IHI & GEC)	
04-01-00149	GAS TURBINE UNITS AND ACCESSARIES	

04-01-00150	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00151	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00152	(8X15) MW MOBILE GAS TURBINE	

LA GAS TURBINE POWER STATION

CODE	ITEM	
04-01-00153	TURBINE , ROTORS AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSARIES	
04-01-00154	INNER CASING AND HOT PATH EQUIPMENT WITH ACCESSORIES	
04-01-00155	COMBUSTION EQUIPMENT AND ACCESSARIES	
04-01-00156	GAS UNITS STARTING DEVICE WITH ACCESSORIES	
04-01-00157	CONTROL , MEASURMENT AND PROTECTION SYSTEMS.	
04-01-00158	GENERATOR, EXCITATION AND ACCESSARIES	
04-01-00159	PUMPS , MOTORS AND ROTARY MACHINES WITH ACCESSORIES	
04-01-00160	BATTERIES , CHARGERS AND CONVERTERS	
04-01-00161	SWITCH YARD EQUIPMENT WITH ACCESSORIES	
04-01-00162	REHABILITATION AND ENGINEERING SERVICES	
04-01-00163	GAS TURBINE UNITS & ACCESSARIES	
04-01-00164	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00165	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00166	POWER CABLES OF DIFFERENT SIZES AND VALLAY	

RA GAS TURBINE POWER STATION

CODE	ITEM	
04-01-00167	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSARIES	
04-01-00168	INNER CASING AND HOT PATH EQUIPMENT WITH ACCESSORIES	
04-01-00169	COMBUSTION EQUIPMENT AND ACCESSARIES	
04-01-00170	GAS UNITS STARTING DEVICE WITH ACCESSORIES	
04-01-00171	CONTROL , MEASURMENT AND PROTECTION SYSTEMS.	
04-01-00172	GENERATOR , EXCITATION AND ACCESSARIES	
04-01-00173	PUMPS , MOTORS AND ROTARY MACHINES WITH ACCESSORIES	
04-01-00174	BATTERIES , CHARGERS AND CONVERTERS WITH ACCESSORIES	
04-01-00175	SWITCH YARD EQUIPMENT WITH ACCESSORIES	
04-01-00176	REHABILITATION AND ENGINEERING SERVICES	
04-01-00177	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00178	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00179	VALVES OF DIFFERENT TYPES	
04-01-00180	CHEMICALS FOR WATER TREATMENT .	
04-01-00181	WATER TREATMENT EQUIPMENT	
04-01-00182	CORTEN STEEL	
04-01-00183	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	
04-01-00184	DC POWER SUPPLY EQUIPMENT	
04-01-00185	GENERATOR, SYSTEM EQUIPMENT	
04-01-00186	ELECTRODES & GRINDING OF DIFFERENT SIZES	
04-01-00187	TURBINE OIL	
04-01-00188	ROTOR OF TVV-200 GENERATOR	
04-01-00189	ELECTRIC MOTOR AND SPARE PARTS	
04-01-00190	CIRCUIT BREAKERS AND SPARE PARTS	

04-01-00191	POWER AND CONTROL CABLE	
04-01-00192	ELECTROLYZED SYSTEM	
04-01-00193	TESTING DEVICE AND EQUIPMENT	
04-01-00194	LIGHTING EQUIPMENT	
04-01-00195	AIR CONDITION EQUIPMENT WITH ALL ACCESSORIES AND SPARES	
04-01-00196	REHABILITATION AND ENGINEERING SERVICE	
04-01-00197	SAFETY EQUIPMENT	
04-01-00198	DEFERENT TOOLS	
04-01-00199	WELDING MACHINES AND SPARES	
04-01-00200	BATTERIES & BATTERIES CHARGE	
04-01-00201	FIRE FIGHTING SYSTEM AND ALL AUXILIARIES	
04-01-00202	OIL PURIFICATION EQUIPMENT	
04-01-00203	INSULATION MATERIALS	
04-01-00204	WINDING WIRES	
04-01-00205	GAS TURBINE (4X170)MW WITH ACCESSORIES	
04-01-00206	COMBINED CYCLE UNITS (2X170) MW	
04-01-00207	N2 GENERATION PLANT	
04-01-00208	HYDRAULIC SYSTEM & EQUIPMENT	
04-01-00209	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	

NASSIRYAH POWER STATION

CODE	ITEM	
04-01-00210	TURBINE SYSTEM EQUIPMENT AND ACCESSORIES	
04-01-00211	BOILER TUBES	
04-01-00212	BOILER AUXILIARY SYSTEM	
04-01-00213	PACKING OF DIFFERENT SIZES	
04-01-00214	AIR HEATERS	
04-01-00215	CONDENSER TUBES	
04-01-00216	PUMPS , COMPRESSORS AND ROTARY MACHINES	
04-01-00217	SWITCH YARD EQUIPMENT AND ACCESSORIES	
04-01-00218	POWER TRANSFORMERS	
04-01-00219	VALVES OF DIFFERENT TYPES	
04-01-00220	CHEMICALS FOR WATER TREATMENT .	
04-01-00221	WATER TREATMENT EQUIPMENT	
04-01-00222	CORTEN STEEL	
04-01-00223	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	
04-01-00224	DC POWER SUPPLY EQUIPMENT	
04-01-00225	GENERATOR, SYSTEM EQUIPMENT	
04-01-00226	ELECTRODES & GRINDING OF DIFFERENT SIZES	
04-01-00227	TURBINE OIL	
04-01-00228	ROTOR OF TVV-200 GENERATOR	
04-01-00229	ELECTRIC MOTOR AND SPARE PARTS	
04-01-00230	CIRCUIT BREAKERS AND SPARE PARTS	
04-01-00231	POWER AND CONTROL CABLE	
04-01-00232	ELECTROLYZED SYSTEM	
04-01-00233	TESTING DEVICE AND EQUIPMENT	
04-01-00234	LIGHTING EQUIPMENT	
04-01-00235	AIR CONDITION EQUIPMENT WITH ALL ACCESSORIES AND SPARES	
04-01-00236	REHABILITATION AND ENGINEERING SERVICE	
04-01-00237	SAFETY EQUIPMENT	
04-01-00238	DEFERENT TOOLS	
04-01-00239	WELDING MACHINES AND SPARES	

04-01-00240	BATTERIES & BATTERIES CHARGE	
04-01-00241	FIRE FIGHTING SYSTEM AND ALL AUXILIARIES	
04-01-00242	OIL PURIFICATION EQUIPMENT	
04-01-00243	INSULATION MATERIALS	
04-01-00244	WINDING WIRES	
04-01-00245	GAS TURBINE (4X170)MW WITH ACCESSORIES	
04-01-00246	COMBINED CYCLE UNITS (2X170) MW	
04-01-00247	N2 GENERATION PLANT	
04-01-00248	HYDRAULIC SYSTEM & EQUIPMENT	
04-01-00249	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	

- HARTHA POWER STATION

CODE	ITEM	
04-01-00250	TURBINE SYSTEM EQUIPMENT AND ACCESSORIES	
04-01-00251	BOILER TUBES	
04-01-00252	BOILER AUXILIARY SYSTEM	
04-01-00253	PACKING OF DIFFERENT SIZES	
04-01-00254	AIR HEATERS	
04-01-00255	CONDENSER TUBES	
04-01-00256	PUMPS , COMPRESSORS AND ROTARY MACHINES	
04-01-00257	SWITCH YARD EQUIPMENT AND ACCESSORIES	
04-01-00258	POWER TRANSFORMERS	
04-01-00259	VALVES OF DIFFERENT TYPES	
04-01-00260	CHEMICALS FOR WATER TREATMENT .	
04-01-00261	WATER TREATMENT EQUIPMENT	
04-01-00262	CORTEN STEEL	
04-01-00263	CONTROL , MEASUREMENT AND PROTECTION SYSTEMS.	
04-01-00264	DC POWER SUPPLY EQUIPMENT	
04-01-00265	GENERATOR, SYSTEM EQUIPMENT	
04-01-00266	ELECTRODES & GRINDING OF DIFFERENT SIZES	
04-01-00267	TURBINE OIL	
04-01-00268	ELECTRIC MOTOR AND SPARE PARTS	
04-01-00269	CIRCUIT BREAKERS AND SPARE PARTS	
04-01-00270	POWER AND CONTROL CABLE	
04-01-00271	ELECTROLYZED SYSTEM	
04-01-00272	TESTING DEVICE AND EQUIPMENT	
04-01-00273	LIGHTING EQUIPMENT	
04-01-00274	AIR CONDITION EQUIPMENT WITH ALL ACCESSORIES AND SPARES	
04-01-00275	REHABILITATION AND ENGINEERING SERVICE	
04-01-00276	SAFETY EQUIPMENT	
04-01-00277	DEFERENT TOOLS	
04-01-00278	WELDING MACHINES AND SPARES	
04-01-00279	BATTERIES & BATTERIES CHARGE	
04-01-00280	FIRE FIGHTING SYSTEM AND ALL AUXILIARIES	
04-01-00281	OIL PURIFICATION EQUIPMENT	
04-01-00282	INSULATION MATERIALS	
04-01-00283	WINDING WIRES	
04-01-00284	GAS TURBINE (4X123)MW WITH ACCESSORIES	
04-01-00285	COMBINED CYCLE (2X123) MW	
04-01-00286	N2 GENERATION PLANT	
04-01-00287	HYDRAULIC SYSTEM & EQUIPMENT	
04-01-00288	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	

- NAJIBYAH POWER STATION

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

L-ZUBAIR GAS TURBINE POWER STATION

CODE	ITEM	
04-01-00326	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSORIES	
04-01-00327	INNER CASING AND HOT PATH EQUIPMENT	
04-01-00328	COMBUSTION EQUIPMENT AND ACCESSORIES	
04-01-00329	GAS UNITS STARTING DEVICE	
04-01-00330	CONTROL MEASUREMENT AND PROTECTION SYSTEM	
04-01-00331	GENERATOR EXCITATION AND ACCESSORIES	

04-01-00332	PUMPS , MOTOR AND ROTARY MACHINES	
04-01-00333	BATTERIES , CHARGE AND CONVERTERS	
04-01-00334	WATER TREATMENT EQUIPMENT	
04-01-00335	SWITCH YARD EQUIPMENT	
04-01-00336	REHABILITATION AND ENGINEERING SERVICE	
04-01-00337	GAS TURBINE UNITS WITH ACCESSORIES	
04-01-00338	PACKING AND GASKET OF DIFFERENT SIZE	
04-01-00339	ELECTRIC MOTOR AND SPARE PARTS	
04-01-00340	CIRCUIT BREAKERS AND SPARE PARTS	
04-01-00341	POWER AND CONTROL CABLE	
04-01-00342	TESTING DEVICE AND EQUIPMENT	
04-01-00343	LIGHTING EQUIPMENT	
04-01-00344	AIR CONDITION & COOLING SYSTEM EQUIPMENT WITH ALL ACCESSORIES AND SPARES	
04-01-00345	SAFETY EQUIPMENT	
04-01-00346	DEFERENT TOOLS	
04-01-00347	WELDING MACHINES AND SPARES	
04-01-00348	OIL FOR TURBINE & GEAR & CIRCUIT	
04-01-00349	POWER TRANSFORMER	
04-01-00350	FILTERS	
04-01-00351	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	
04-01-00352	EXHAUST SYSTEM WITH ALL ACCESSORIES	
04-01-00353	OIL PURIFICATION EQUIPMENT	
04-01-00354	INSULATION MATERIALS	
04-01-00355	WINDING WIRES	
04-01-00356	HYDRAULIC SYSTEM & EQUIPMENT	
04-01-00357	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	

AIBA GAS TURBINE POWER STATION

CODE	ITEM	
04-01-00358	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSORIES	
04-01-00359	INNER CASING AND HOT PATH EQUIPMENT	
04-01-00360	COMBUSTION EQUIPMENT AND ACCESSORIES	
04-01-00361	GAS UNITS STARTING DEVICE	
04-01-00362	CONTROL MEASUREMENT AND PROTECTION SYSTEM	
04-01-00363	GENERATOR EXCITATION AND ACCESSORIES	
04-01-00364	PUMPS , MOTOR AND ROTARY MACHINES	
04-01-00365	BATTERIES , CHARGE AND CONVERTERS	
04-01-00366	WATER TREATMENT EQUIPMENT	
04-01-00367	SWITCH YARD EQUIPMENT	
04-01-00368	REHABILITATION AND ENGINEERING SERVICE	
04-01-00369	GAS TURBINE UNITS WITH ACCESSORIES	
04-01-00370	PACKING AND GASKET OF DIFFERENT SIZE	
04-01-00371	ELECTRIC MOTOR AND SPARE PARTS	
04-01-00372	CIRCUIT BREAKERS AND SPARE PARTS	
04-01-00373	POWER AND CONTROL CABLE	
04-01-00374	TESTING DEVICE AND EQUIPMENT	
04-01-00375	LIGHTING EQUIPMENT	
04-01-00376	AIR CONDITION & COOLING SYSTEM EQUIPMENT WITH ALL ACCESSORIES AND SPARES	
04-01-00377	SAFETY EQUIPMENT	
04-01-00378	DEFERENT TOOLS	

04-01-00379	WELDING MACHINES AND SPARES	
04-01-00380	OIL FOR TURBINE & GEAR & CIRCUIT	
04-01-00381	POWER TRANSFORMER	
04-01-00382	FILTERS	
04-01-00383	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	
04-01-00384	EXHAUST SYSTEM WITH ALL ACCESSORIES	
04-01-00385	OIL PURIFICATION EQUIPMENT	
04-01-00386	INSULATION MATERIALS	
04-01-00387	WINDING WIRES	
04-01-00388	HYDRAULIC SYSTEM & EQUIPMENT	
04-01-00389	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	

PETRO CHEMICAL GAS UNITS

CODE	ITEM	
04-01-00390	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSORIES	
04-01-00391	INNER CASING AND HOT PATH EQUIPMENT	
04-01-00392	COMBUSTION EQUIPMENT AND ACCESSORIES	
04-01-00393	GAS UNITS STARTING DEVICE	
04-01-00394	CONTROL MEASUREMENT AND PROTECTION SYSTEM	
04-01-00395	GENERATOR EXCITATION AND ACCESSORIES	
04-01-00396	PUMPS , MOTOR AND ROTARY MACHINES	
04-01-00397	BATTERIES , CHARGE AND CONVERTERS	
04-01-00398	SWITCH YARD EQUIPMENT	
04-01-00399	REHABILITATION AND ENGINEERING SERVICE	
04-01-00400	GAS TURBINE UNITS WITH ACCESSORIES	
04-01-00401	PACKING AND GASKET OF DIFFERENT SIZE	
04-01-00402	ELECTRIC MOTOR AND SPARE PARTS	
04-01-00403	CIRCUIT BREAKERS AND SPARE PARTS	
04-01-00404	POWER AND CONTROL CABLE	
04-01-00405	TESTING DEVICE AND EQUIPMENT	
04-01-00406	LIGHTING EQUIPMENT	
04-01-00407	AIR CONDITION & COOLING SYSTEM EQUIPMENT WITH ALL ACCESSORIES AND SPARES	
04-01-00408	SAFETY EQUIPMENT	
04-01-00409	DEFERENT TOOLS	
04-01-00410	WELDING MACHINES AND SPARES	
04-01-00411	OIL FOR TURBINE & GEAR & CIRCUIT	
04-01-00412	POWER TRANSFORMER	
04-01-00413	FILTERS	
04-01-00414	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	
04-01-00415	EXHAUST SYSTEM WITH ALL ACCESSORIES	
04-01-00416	OIL PURIFICATION EQUIPMENT	
04-01-00417	INSULATION MATERIALS	
04-01-00418	WINDING WIRES	
04-01-00419	HYDRAULIC SYSTEM & EQUIPMENT	
04-01-00420	LOW & HIGH PRESS. HEATERS & HEAT EXCHANGERS & COOLERS	

-18- BAIJI POWER STATION

CODE	ITEM	
04-01-00421	TURBINE SYSTEM EQUIPMENT	
04-01-00422	BOILER TUBES	

04-01-00423	BOILER AUXILIARY SYSTEM	
04-01-00424	PACKING OF DIFFERENT SIZES	
04-01-00425	AIR HEATERS	
04-01-00426	CONDENSER TUBES	
04-01-00427	PUMPS , COMPRESSORS AND ROTARY MACHINES	
04-01-00428	SWITCH YARD EQUIPMENT AND ACCESSARIES	
04-01-00429	POWER TRANSFORMERS	
04-01-00430	VALVES OF VARIOUS SIZES	
04-01-00431	CHEMICALS FOR WATER TREATMENT	
04-01-00432	WATER TREATMENT EQUIPMENT	
04-01-00433	CORTEN STEEL	
04-01-00434	CONTROL , MEASURMENT AND PROTECTION SYSTEMS.	
04-01-00435	DC POWER SUPPLY EQUIPMENT	
04-01-00436	GENERATOR , SYSTEM EQUIPMENT	
04-01-00437	REHABILITATION AND ENGINEERING SERVICES	
04-01-00438	ELECTRODES OF DIFFERENT SIZES	
04-01-00439	TURBINE OIL	
04-01-00440	GAS TURBINE POWER STATION 160 MW EACH WITH AUXILIARIES .	
04-01-00441	COMBINED CYCLE UNITS (2X160) MW	
04-01-00442	EQUIPMENT FOR ERECTION AND CONSUMABLE MATERIAL	
04-01-00443	GAS TURBINE FRAME (6) WITH ACCESSARIES	
04-01-00444	EQUIPMENT FOR ERECTION AND CONSUMABLE MATERIALS FOR GAS TURBINE POWER STATION .	
04-01-00445	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00446	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00447	AIR COOLED CHILLER WITH ACCESSORIES	
04-01-00448	400 KV POWER CABLE XLPLE WITH ACCESSORIES	
04-01-00449	POWER CABLES OF DIFFERENT SIZES	
04-01-00450	TRANSFORMER OIL	
04-01-00451	DEISEL GENERATOR	

M HYDRO - ELECTRIC POWER STATION

CODE	ITEM	
04-01-00452	TURBINE SYSTEM EQUIPMENT AND SPARES	
04-01-00453	GENERATOR SYSTEM EQUIPMENT AND SPARES	
04-01-00454	CONTROL , MEASURMENT AND PROTECTION SYSTEMS WITH SPARES	
04-01-00455	SWITCH YARD EQUIPMENT AND SPARES	
04-01-00456	DC POWER SUPPLY EQUIPMENT WITH SPARES	
04-01-00457	GATES AND VALVES WITH SPARES	
04-01-00458	AIR COMPRESSORS AND ACCESSARIES	
04-01-00459	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00460	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00461	POWER CABLES OF DIFFERENT SIZES	
04-01-00462	TRANSFORMER OIL	
04-01-00463	POWER TRANSFORMERS 400 KV & 132 Kv	
04-01-00464	PUMPS , COMPRESSORS AND ROTARY MACHINES	
04-01-00465	PACKING OF DIFFERENT SIZES	
04-01-00466	TURBINE OIL	

-20 - DIBIS POWER STATION

CODE	ITEM	
04-01-00467	TURBINE SYSTEM EQUIPMENT AND SPARES	

04-01-00468	BOILER TUBES	
04-01-00469	BOILER AUXILIARY SYSTEM	
04-01-00470	PACKING OF DIFFERENT SIZES	
04-01-00471	CONDENSER TUBES	
04-01-00472	PUMPS , COMPRESSORS AND ROTARY MACHINES	
04-01-00473	SWITCH YARD EQUIPMENT AND ACCESSARIES	
04-01-00474	POWER TRANSFORMERS	
04-01-00475	VALVES OF DIFFERENT TYPES	
04-01-00476	CONTROL , PROTECTION AND MEASURING SYSTEM.	
04-01-00477	DC POWER SUPPLY EQUIPMENT	
04-01-00478	GENERATOR , SYSTEM EQUIPMENT	
04-01-00479	REHABILITATION AND ENGINEERING SERVICES	
04-01-00480	ELECTRODES OF DIFFERENT SIZES	
04-01-00481	REHABILITATION AND ENGINEERING SERVICES	
04-01-00482	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00483	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00484	AIR COOLED CHILLER WITH ACCESSORIES	
04-01-00485	POWER CABLES OF DIFFERENT SIZES	
04-01-00486	WATER TREATMENT FOR DIBIS POWER STATION	

DIBIS GAS TURBINE POWER STATION

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

SUL GAS TURBINE POWER STATION

CODE	ITEM	
04-01-00503	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSARIES	
04-01-00504	INNER CASING AND HOT PATH EQUIPMENT	
04-01-00505	COMBUSTION EQUIPMENT AND ACCESSARIES	
04-01-00506	GAS UNITS STARTING DEVICE	
04-01-00507	CONTROL , MEASURMENT AND PROTECTION SYSTEMS.	
04-01-00508	GENERATOR , EXCITATION AND ACCESSARIES	
04-01-00509	PUMPS , MOTORS AND ROTARY MACHINES	

04-01-00510	BATTERIES , CHARGERS AND CONVERTERS	
04-01-00511	SWITCH YARD EQUIPMENT	
04-01-00512	SUPERVISION FOR REHABILITATION	
04-01-00513	REHABILITATION AND ENGINEERING SERVICES	
04-01-00514	GENERAL SPARE PARTS FOR FRAME-5 GAS TURBINES	
04-01-00515	GAS TURBINE UNITS AND ACCESSARIES	
04-01-00516	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00517	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00518	POWER CABLES OF DIFFERENT SIZES AND VALLAY	
04-01-00519	TURBINE OIL	
04-01-00520	TRANSFORMER OIL	

ABDULLA GAS TURBINE POWER STATION

CODE	ITEM	
04-01-00521	TURBINE AND COMPRESSOR BLADES MOVING STATIONARY WITH ACCESSARIES	
04-01-00522	INNER CASING AND HOT PATH EQUIPMENT	
04-01-00523	COMBUSTION EQUIPMENT AND ACCESSARIES	
04-01-00524	GAS UNITS STARTING DEVICE	
04-01-00525	CONTROL , MEASURMENT AND PROTECTION SYSTEMS.	
04-01-00526	GENERATOR , EXCITATION AND ACCESSARIES	
04-01-00527	PUMPS , MOTORS AND ROTARY MACHINES	
04-01-00528	BATTERIES , CHARGERS AND CONVERTERS	
04-01-00529	SWITCH YARD EQUIPMENT	
04-01-00530	REHABILITATION AND ENGINEERING SERVICES	
04-01-00531	GAS TURBINE UNITS AND ACCESSARIES	
04-01-00532	FIRE FIGHTING EQUIPMENT WITH SPARES	
04-01-00533	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00534	COMBINED CYCLE UNITS (2X50)MW	
04-01-00535	POWER CABLES OF DIFFERENT SIZES	

DRO - ELECTRIC POWER STATION (4 X 42.5) MW

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

HYDRO-ELECTRIC POWER STATION(2X15) MW

CODE	ITEM	
04-01-00541	ENGINEERING , EMBEDED PARTS AND MANUFACTURING OF SOME PARTS FOR THE SUPPLY OF (2X 15)MW	
04-01-00542	EQUIPMENT (ELECTRO MECHANICAL) FOR SUPPLYING (2X15 MW) HYDRO POWER UNITS	
04-01-00543	TESTING , INSPECTION EQUIPMENT	
04-01-00544	FIRE FIGHTING EQUIPMENT WITH SPARES	

04-01-00545	TEST EQUIPMENT OF DIFFERENT TYPES	
04-01-00546	POWER CABLES OF DIFFERENT SIZES	
04-01-00547	MAKHOOL HYDRO - ELECTRIC POWER STATION (4 X 65)MW	

FIYAH POWER STATION (8 X 210) MW

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

ANBAR POWER STATION (6X300) MW

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

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

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

AL-DEEN POWER STATION (4 X 300 MW)

CODE	ITEM	
04-01-00580	ENGINEERING AND CAMP FACILITIES WITH CIVIL ENGINEERING MATERIAL FOR CONSTRUCTION THE PROJECT	
04-01-00581	SUPPLY EQUIPMENT AND SERVICES FOR FOUR UNITS AND AUXILIARY NEEDED (4 X 300 MW)	
04-01-00582	MATERIAL FOR CIVIL ENGINEERING	
04-01-00583	EQUIPMENT FOR CIVIL ENGINEERING CONSTRUCTION	
04-01-00584	CAMP FACILITIES MATERIAL AND EQUIPMENT REQUIRED FOR ERECTION WORK	
04-01-00585	COOLING TOWER	
04-01-00586	POWER CABLES OF DIFFERENT SIZES	

- 30 - GAS TURBINE UNITS

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

- 31 - MOBILE GAS TURBINE

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

AGHDAD EAST GAS POWER STATION

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

VASIT POWER STATION (6X220)MW

CODE	ITEM	
04-01-00599	ENGINEERING AND SERVICES FOR CONSTRUCTION OF THE PROJECT DOCUMENT	
04-01-00600	TEMPORARY FACILITIES FOR CONSTRUCTION WORK	
04-01-00601	SUPPLY OF EQUIPMENT AND SERVICE FOR SIX UNITS AND AUXILIARIES	
04-01-00602	TECHNICAL ASSISTANCE AND SERVICES FOR CONSTRUCTION , COMMISSIONING AND TESTING	
04-01-00603	PROJECT CONSULTATION AND WORK COORDINATION	
04-01-00604	MATERIAL FOR CIVIL ENGINEERING	
04-01-00605	MATERIAL & CONSUMABLES FOR ERECTION WORK	
04-01-00606	EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION	
04-01-00607	EQUIPMENT FOR ERECTION WORK	
04-01-00608	POWER CABLES OF DIFFERENT SIZES	
04-01-00609	CONSTRUCTION MACHINERIES	

04-01-00610	MACHINERY FOR MAINTENANCE WORKSHOP	
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	
04-01-00614	TEMPORARY FACILITIES FOR CONSTRUCTION WORK	
04-01-00615	SUPPLY OF UTILITIES FOR GENERATOR MAINTENANCE WORKSHOP	
04-01-00616	SUPPLY OF MACHINERIES FOR GENERATOR MAINTENANCE WORKSHOP	
04-01-00617	MATERIAL FOR CIVIL ENGINEERING	
04-01-00618	MATERIAL & CONSUMABLES FOR ERECTION WORK	
04-01-00619	EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION	
04-01-00620	TECHNICAL ASSISTANCE AND SERVICES FOR CONSTRUCTION , COMMISSIONING AND TESTING	
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	
04-01-00624	SUPPLY OF UTILITIES FOR TURBINE MAINTENANCE WORKSHOP	
04-01-00625	SUPPLY OF MACHINERIES FOR TURBINE MAINTENANCE WORKSHOP	
04-01-00626	MATERIAL FOR CIVIL ENGINEERING	
04-01-00627	MATERIAL & CONSUMABLES FOR ERECTION WORK	
04-01-00628	EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION	
04-01-00629	TECHNICAL ASSISTANCE AND SERVICES FOR CONSTRUCTION , COMMISSIONING AND TESTING	
04-01-00630	TRAINING	
04-01-00631	SUPERVISION	
	<u>BOILER MAINTENANCE WORKSHOP</u>	
04-01-00632	ENGINEERING AND SERVICES FOR CONSTRUCTION OF WORKSHOP	
04-01-00633	SUPPLY OF UTILITIES FOR BOILER MAINTENANCE WORKSHOP	
04-01-00634	SUPPLY OF MACHINERIES FOR BOILER MAINTENANCE WORKSHOP	
04-01-00635	MATERIAL FOR CIVIL ENGINEERING	
04-01-00636	MATERIAL & CONSUMABLES FOR ERECTION WORK	
04-01-00637	EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION	
04-01-00638	TECHNICAL ASSISTANCE AND SERVICES FOR CONSTRUCTION , COMMISSIONING AND TESTING	
04-01-00639	TRAINING	
04-01-00640	SUPERVISION	
	<u>CONTROL SYSTEM MAINTENANCE WORKSHOP</u>	
04-01-00641	SUPPLY OF MACHINERIES FOR CONTROL SYSTEM MAINTENANCE	
04-01-00642	TECHNICAL ASSISTANCE AND SERVICES FOR COMMISSIONING AND TESTING	
	<u>CONSTRUCTION MACHINERY</u>	
	<u>1- EQUIPMENT FOR EARTH - WORK EXCAVATION</u>	
04-01-00643	EXCAVATOR	0.6-1M ³
04-01-00644	LOADER	3M ³
04-01-00645	BULLDOZER	120-160KW
04-01-00646	VIBRATORY ROLLER	150-200KN
04-01-00647	ROCK-DRILLING CRUSHER	
04-01-00648	AUTO-UNLOADING TRUCK	10T-18T
	<u>2- LIFTING MACHINERY</u>	
04-01-00649	CRAWLER CRANE	250-300T
04-01-00650	CRAWLER - MOUNTED CRANE	150T, 75T, 50T
04-01-00651	MOBIL CRANE	50T , 25T

04-01-00652	TYRE CRANE	8-16T
04-01-00653	GANTRY CRANE	10-30T
04-01-00654	OVERHEAD CRADLE	ZLD100,1T
04-01-00655	HYDRAULIC LIFTING DEVICE	400T
04-01-00656	HYDRAULIC ELEVATOR PLATFORM	14M,1T
04-01-00657	DOUBLE - SPEED WINCH	2T-5T
04-01-00658	WINCH	1T
<u>3- EQUIPMENT FOR HORIZONTAL TRANSPORTATION</u>		
04-01-00659	TRAILOR SET	60T, 30T
04-01-00660	TRUCK	18T
04-01-00661	FLAT CAR	25T
04-01-00662	DUMP TRUCK (CONCRETE)	FC-1A
<u>4- CONCRETE MACHINERY</u>		
04-01-00663	CONCRETE MIXING STATION	50- 60M ³ / H
04-01-00664	CONCRETE PUMPING TRUCK	IPF90B, 90M ³ / H
04-01-00665	CONCRETE MIXER	6M ³ , 350L
04-01-00666	CONCRETE GROUTING PUMP	60M ³ /H
04-01-00667	FORMWORK LIFTING DEVICE (FOR WATER TOWER)	
04-01-00668	HYDRAULIC FORMWORK LIFTING DEVICE (FOR STACK)	YT-12
04-01-00669	JACKING DEVICE FOR INNER STEEL SHAFT OF STACK	
04-01-00670	MORTAR MIXER	
<u>5- STEEL BAR & WOODWORKING MACHINERY</u>		
04-01-00671	SEAM WELDING MACHINE	150KVA , 100KVA
04-01-00672	STEEL BAR BENDING MACHINE	DIAMETER 40 MM
04-01-00673	STEEL BAR CUTTING MACHINE	DIAMETER 40MM
04-01-00674	STEEL BAR STRAIGHTENING & CUTTING MACHINE	DIAMETER 14MM
04-01-00675	STEEL BAR BENDING MACHINE	DIAMETER 14MM
04-01-00676	DISC SAW	600MM
04-01-00677	PENDULUM SAW	600MM
04-01-00678	CUTTING & THREADING MACHINE	/ DIAMETER 80MM
04-01-00679	FLAT PLANE IRON	400MM
04-01-00680	COMPRESSING PLANE MACHINE	600MM
<u>6- WELDING MACHINE</u>		
04-01-00681	INVERT - WELDING MACHINE	300 - 400A
04-01-00682	DC WELDING MACHINE	500A
04-01-00683	AC WELDING MACHINE	500A
04-01-00684	AUTOMATIC ARC WELDING MACHINE	1000A
04-01-00685	AUTO - WELDING OPERATION STAND	
04-01-00686	ALUMINUM WELDING MACHINE	PP-500
04-01-00687	SUBMERGED ARC WELDING MACHINE	
04-01-00688	FAR INFRARED ELECTRODE OVEN	150KG
04-01-00689	POWER FREQUENCY HEAT TREATMENT EQUIPMENT	180KW
04-01-00690	PLASMA CUTTER	100MM
<u>7- EQUIPMENT FOR METAL FABRICATION</u>		
04-01-00691	LATHE	400* 1500MM
04-01-00692	PLANER	900MM
04-01-00693	RADICAL DRILLING MACHINE	DIAMETER 50-80MM, 32-50MM
04-01-00694	MAGNET DRILL	DIAMETER 32-50MM
04-01-00695	PUNCH SHEARS	10MM
04-01-00696	PLATE SHEARS	13-20MM
04-01-00697	PLATE BENDING ROLLER	20* 2500
04-01-00698	GROOVE - FORMING MACHINE	DIAMETER 300-1500MM, 50-300
04-01-00699	SMALL PNEUMATIC GROOVE - FORMING MACHINE	< DIAMETER 50MM

04-01-00700	BANK TYPE GROOVE- FORMING MACHINE	50MM
04-01-00701	HYDRAULIC PIPE BENDER	DIAMETER 60-108MM
04-01-00702	MOTOR -OPERATED PIPE BENDER	DIAMETER 60MM
04-01-00703	MANUAL- OPERATED PIPE BENDER	
04-01-00704	MOTOR -OPERATED THEADING MACHINE	DIAMETER 75-110MM
8- POWER EQUIPMENT		
04-01-00705	AIR COMPRESSOR	10M ³
04-01-00706	AIR COMPRESSOR (MOVING TYPE)	3M ³ , 0.9M ³
04-01-00707	MULTI- STAGE PUMP	100-300M
04-01-00708	ANTI- CORROSION PUMP	25-100M ³
04-01-00709	MOTOR -OPERATED PUMP FOR PRESSURE TESTING	SY-
04-01-00710	VACUUM PUMP	
04-01-00711	GENERATOR	50KW
04-01-00712	HIGH VACUUM OIL FILTER	6000L /H
04-01-00713	PRESSURE OIL FILTER	100L / MIN
04-01-00714	OIL FLUSHING EQUIPMENT	600M ³ / H
9- TESTING & MONITORING EQUIPMENT		
04-01-00715	INSTRUMENT FOR X - RAY INSPECTION	300EGS3
04-01-00716	INSTRUMENT FOR Y - RAY INSPECTION	SD - 1
04-01-00717	SPECTROMETER	
04-01-00718	INSTRUMENT FOR ULTRASONIC INSPECTION	USK71S
04-01-00719	AUTOMATIC DEVELOPING MACHINE	GRON - 1
04-01-00720	OMNIBEARING MEASURMENT DEVICE	SET-3
04-01-00721	THEODOLITE	2-6 SEC.
04-01-00722	LEVELING INSTRUMENT	NA2
04-01-00723	LASER COLLIMATOR	LA1 - 3A
04-01-00724	LASER CENTERING DEVICE	LA1 - 1B
04-01-00725	CONCRETE / SAND / STONE TESTING EQUIPMENT	
04-01-00726	ELECTRICAL TESTING INSTRUMENT	
04-01-00727	I & C TESTING INSTRUMENT	
04-01-00728	CHEMICAL ANALYSIS EQUIPMENT FOR METAL	
04-01-00729	COATING PACHOMETER	
04-01-00730	SPARK DETECTING EQUIPMENT	
04-01-00731	HARDNESS SCALE	100HRC / HLN- 11C
04-01-00732	UNIVERSAL TESTING MACHINE	WE - 1000
04-01-00733	PRESSURE TESTING MACHINE	200T

34 - TRANSMISSION NETWORK

CODE	ITEM	
04-01-00734	SWITCH GEARS WITH SPARES	
04-01-00735	TRANSFORMERS AND SPARE PARTS	
04-01-00736	TRANSFORMER OIL	
04-01-00737	CIRCUIT BREAKERS AND SPARE PARTS	
04-01-00738	DC POWER SUPPLY EQUIPMENT AND ACCESSARIES	
04-01-00739	TESTING EQUIPMENT OF DIFFERENT TYPES	
04-01-00740	ELECTRICAL POWER SUPPLY CENTER SPARES	
04-01-00741	TRANSMISSION LINES SPARES	
04-01-00742	BAGHDAD EAST-BAGHDAD SOUTH 400KV LINE EQUIPMENT	
04-01-00743	BAGHDAD EAST- DIYALAH – TAMEEM 400KV LINES EQUIPMENT	
04-01-00744	MOBILE SUBSTATION 132/33KV 15MVA & 25 MVA	
04-01-00745	MOBILE SUBSTATION 132/11KV 10MVA OR 25MVA	
04-01-00746	POWER LINE CARRIER COMMUNICATION EQUIPMENT	
04-01-00747	WIRELESS EQUIPMENT FOR MOBILE AND PORTABLE COMMUNICATION	

04-01-00748	PILOT CABLE CARRIER COMMUNICATION EQUIPMENT	
04-01-00749	SWITCHING COMMUNICATION EQUIPMENT	
04-01-00750	VHF / MW COMMUNICATION EQUIPMENT	
04-01-00751	FIBER OPTICS COMMUNICATION SDH EQUIPMENT	
04-01-00752	FIBER OPTICS COMMUNICATION CABLES	
04-01-00753	NETWORK MANAGEMENT CENTRE FOR COMMUNICATION EQUIPMENT	
04-01-00754	TELE PROTECTION EQUIPMENT	
04-01-00755	TEST EQUIPMENT FOR COMMUNICATION SYSTEMS	
04-01-00756	VOLTAGE TRANSFORMER WITH SPARES	
04-01-00757	OPTICAL FIBER GROUND WIRE (OPGW)CONTROL OF ELECTRICAL NETWORK	
	<u>TRANSMISSION AND DISTRBUTION NETWORK MATERIAL AND ACCESSARIES</u>	
04-01-00758	* TOWERS OF DIFFERENT TYPES	
04-01-00759	* INSULATORS & BUSHINGS	
04-01-00760	* WIRE OF ALUMINIUM AND COPPER	
04-01-00761	* SAFETY EQUIPMENT	
04-01-00762	* AIR CONDITIONING EQUIPMENT WITH ALL ACCESSARIES AND SPARES	
04-01-00763	* GRAIN ORIENTED SILCON STEEL	
04-01-00764	- CABLE BOX TERMINATION 400 & 132 KV WITH ACCESSORIES	
04-01-00765	* ENAMILING WIRE & ENAMIL OIL	
04-01-00766	* INSULATION PAPERS	
04-01-00767	* P.V.C. FOR SHEATING AND INSULATION	
04-01-00768	* LEAD ALLOY	
04-01-00769	*- ACCESSARIES FOR TRANSFORMERS LINES	
04-01-00770	* WHITE METAL	
04-01-00771	* SILICAGEL	
04-01-00772	* INSULATION MATERIALS	
04-01-00773	* WINDING WIRES	
04-01-00774	* CHEMICALS AND LUBRICANTS	
04-01-00775	* LIGHTING EQUIPMENTS WITH ACCESSORIES & SPARES	
04-01-00776	REHABILITATION OF HARTHA - KHOR ALZUBAIR 400KV LINE	
04-01-00777	REHABILITATION OF TAMEM - TASLUGA 132KV LINE	
04-01-00778	REHABILITATION OF QARAQOSH - ARBIL 132KV LINE	
04-01-00779	REHABILITATION OF DIBIS - ERBIL 132KV LINE	
04-01-00780	EQUIPMENT TOOLS MACHINARY AND CRANES FOR ERECTION OF OVER HEADLINE 400/132KV	
04-01-00781	STRINGING EQUIPMENT FOR OVER HEADLINE 400 &132KV	
	<u>400 KV TRANSMISSION LINES:-</u>	
04-01-00782	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF SALAH-ALDAIN POWER STATION TO THE NET WORKS	
04-01-00783	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF BAGHDAD - SOUTH S/S TO BAGHDAD CENTER	
04-01-00784	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF YOUSIFIYA- POWER STATION TO BAGHDAD - SOUTH S/S	
04-01-00785	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF BAGHDAD - SOUTH S/S TO BAGHDAD - WEST S/S	
04-01-00786	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF QEIM S/S TO SYRIA - BOARDER	
04-01-00787	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF MOSUL 400KV S/S TO TURKISH-BOARDER	
	<u>132KV TRANSMISSION LINES:-</u>	
04-01-00788	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF SALAH-ALDAIN POWER STATION TO OTHER 132KV S/S	
04-01-00789	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF AL-AMAIN 400KV S/S TO BAGHDAD NET- WORK	
04-01-00790	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR CONNECTION OF BAGHDAD - CENTER TO THE NET- WORK	

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	
04-01-00792	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC)FOR NEW BAGHDAD SAMIDIYA S/S	
04-01-00793	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR NEW BAGHDAD THAWORA S/S	
04-01-00794	O/H LINE MATERIAL (TOWERS , CONDUTORS , INSULATORS , ETC) FOR NEW BAGHDAD JAZEAR - YARMOUK S/S	
04-01-00795	132 KV HIGH VOLTAGE CABLES WITH ACCESSORIES , BAGHDAD NORTH-KADIMIYA-HURIYA	
04-01-00796	CURRENT TRANSFORMERS FOR OUTDOOR INSTALLATION WITH SPARES	
04-01-00797	POWER TRANSFORMERS MATERIAL AND ACCESSARIES	
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 .	
04-01-00799	ELECTRICITY DISPATCH CENTERS (REHABILITATION AND INSTALLATION OF NEW CENTERS)	
04-01-00800	REHABILITATION AND INSTALLATION OF NEW TELECOMMUNICATION EQUIPMENT FOR VOICE, DATA COMMUNICATION AND POWER LINE PROTECTION	
04-01-00801	ALUMINIUM INGOT FOR PRODUCTION OF ACSR ELECTRICAL POWER TRANSMISSION LINES	
04-01-00802	STEEL REINFORCEMENT CABLES FOR ELECTRICAL POWER TRANSMISSION LINES	
04-01-00803	NEW SUBSTATION 132/33/11 KV	
04-01-00804	EXTENTION OF EXISTING SUBSTATION 132/33/11 KV FOR (TAJI) (BAB AL- ZUBAIR) (HINDIYAH BARRAGE)	
04-01-00805	TRANSDUCER AND METERING EQUIPMENT	
04-01-00806	SWITCH YARD EQUIPMENT AND ACCESSARIES	
04-01-00807	SUBSTATION MAINTENANCE EQUIPMENT	
04-01-00808	OIL AND SF6 PURIFICATION EQUIPMENT	
04-01-00809	TRANSFORMER OIL OF DIFFERENT TYPES	
04-01-00810	POWER CABLES OF DIFFERENT SIZES AND VOLTAGES	
04-01-00811	SF6 GAS	
04-01-00812	BAGHDAD NETWORK, COMPLETE 132KV LINE BAYS (ISKAN AL-KHIR, JAZAIR, DAURA, YARMUK, TAJI , RASHIDIA)	
04-01-00813	132 KV NEW S/S & EXTENSION (BASRAH NET WORK)	
04-01-00814	BASRAH CENTER S/S COMPLETE NEW S/S	
04-01-00815	EXTENSION OF BASRAH EAST S/S COMPLETE 132KV LINE & TRANSFORMER BAYS	
04-01-00816	EXTENSION OF NAJIBIYAH P.S. NETWORK COMPLETE 132 KV LINE BAY	
	<u>132 KV NEW S/S. & EXTENSION</u>	
04-01-00817	* AGARGUF S/S	
04-01-00818	* ADHAMIYAH	
04-01-00819	* AL-WASHASH	
04-01-00820	- AL-KADHAMIYAH EXTENSTION, COMPLETE 132KV LIN BAY	
04-01-00821	- AL-RASHIDIYAH EXTENSTION, COMPLETE 132KV LIN BAY	
04-01-00822	- AL-MAARI EXTENSTION, COMPLETE 132KV LIN BAY	
04-01-00823	RUMILLA NO.1 S/S	
04-01-00824	RUMELA NO.2 S/S	
04-01-00825	RUMELA NO.3 S/S	
04-01-00826	RUMELA NO.4 S/S	
04-01-00827	RUMELA NO.5 S/S	
04-01-00828	JURF AL-SIQAR EXTENSION S/S	
04-01-00829	NEW S/S HADETHA	

04-01-00830	NEW S/S BAQUBA	
04-01-00831	NEW S/S HAWEGA	
04-01-00832	400 & 132KV CABLES WITH OTHER ACCESSARIES	
04-01-00833	132KV & 400KV OVER HEAD LINE WITH OTHER ACCESSARIES	
04-01-00834	EXTENTION OF EXISTING SUBSTATION 132/33/11 KV	
04-01-00835	POWER CABLES OF DIFFERENT SIZES	
04-01-00836	CONTROL CABLES OF DIFFERENT SIZES	
04-01-00837	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	
04-01-00838	INSULATION OIL FOR CABLES	
04-01-00839	LIGHTING EQUIPMENT	
04-01-00840	BATTERIES AND BATTERY CHARGERS	
04-01-00841	ELECTRONIC EQUIPMENT	
04-01-00842	COMPUTERIZED WITH ALL ACCESSORIES	
04-01-00843	TESTING DEVICAE AND EQUIPMENT	
04-01-00844	FIRE FIGHTING SYSTEM AND ALL ACCESSORIES	
04-01-00845	DEFERENT TOOLS	
04-01-00846	ACCESSORIES FOR POWER LINE CARRIER EQUIPMENT : WAVE , TRAPS , CAPACITORS , FILTER , CABLES AND CARDS .	
04-01-00847	ACCESSORIES FOR RADIO EQUIPMENT : AERIALS , CABELS , TOWER , CONTROL EQUIPMENT AND CONNECTORS .	
04-01-00848	COMMUNICATION SUPPLY ACCESSORIES	
04-01-00849	REMOTE TERMINAL UNITS AND ACCESSORIES	
04-01-00850	GENERAL SERVICE EQUIPMENT : TELEX , TELEPHONE AND PHOTOCOPY	
04-01-00851	PERSONAL COMPUTERS WITH SOFTWEER AND ACCESSORIES	
04-01-00852	NEW 400KV SUBSTATION	
04-01-00853	EXTENTION OF EXISTING 400KV SUBSTATION	
04-01-00854	NEW S/S AL-MISHRAK 132KV	
04-01-00855	NEW S/S MOSUL UNIVERCITY 132KV	
04-01-00856	NEW S/S NORTH SAMARA 132KV	
04-01-00857	NEW S/S AL-ISKANDRYA 132KV	
04-01-00858	NEW S/S AL-AZEZIYA 132KV	
04-01-00859	NEW S/S OF JAMELA 132KV	
04-01-00860	NEW S/S OF AL-FARABY 132KV	
04-01-00861	EXTENSION OF ALMUTHNA S/S 132KV	
04-01-00862	EXTENSION OF BALAD S/S 132KV	
04-01-00863	EXTENSION OF SADAM S/S 400KV	
04-01-00864	NEW S/S AL-MAHMODAYH 132KV	
04-01-00865	NEW S/S OF DAURA INDUSTRY 132KV	
04-01-00866	NEW S/S OF NAJAF SOUTH 132KV	
04-01-00867	STRAIGHT JOINT BOX (1X800)MM 132KVA	
04-01-00868	TERMINATION JOINT BOX (1X800)MM 132KVA	
04-01-00869	DIFFERENT TOOLS	
04-01-00870	POWER CABLES OF DIFFERENT SIZES AND VOLTAGES	
04-01-00871	COMPLETE SCADA SYSTEM FOR THE THREE REGINAL FOR THE CONTROL CENTERS WITH MIDDLE REGION, NORTH REGION AND SOUTH REGION	
04-01-00872	WALKIE TALKIE EQUIPMENT FOR SITE WORKS	
04-01-00873	HEAD AREM ASSEMBLY (SERVO): PART NO.: 92773402	
04-01-00874	HEAD AREM ASSEMBLY (UPPER): PART NO.: 92773401	
04-01-00875	HEAD AREM ASSEMBLY (LOWER): PART NO.: 92773400	
04-01-00876	DATA PACK	
04-01-00877	RGB COLOUR MONITOR TYPE CONRAC MODEL 7122 OR NEWER	

04-01-00878	LOGIC POWER SUPPLY XS-4313 (5V, 150 AMP)	
04-01-00879	MEMORY POWER SUPPLY PART NO.: 550-100168-002	
04-01-00880	1930 POWER SUPPLY PART NO.: 550-100093-001	
04-01-00881	CONSOLE CONTROLLER MC - 4905 PART NO. : 516-100145-002	
04-01-00882	PERIPHERAL BUS SWITCH CONTROLLER MC-4906 PART NO. : 516-200062-001	
04-01-00883	FRONT - END CONTROLLER MC-4805 PART NO.: 516-200082-001	

OGGRAMMES , TOOLS AND FACILITIES , EXPERTS

CODE	ITEM	
	<u>TRAINING AND SIMULATION EQUIPMENT TO COVER THE FOLLOWING ACTIVITIES:</u>	
04-01-00884	GENERATION , TRANSMISSION AND DISTRIBUTION OF ELECTRICITY.	
04-01-00885	MANUFACTURING OF POWER AND DISTRIBUTION TRANSFORMERS.	
04-01-00886	MANUFACTURING OF CONDUCTORS FOR TRANSMISSION AND DISTRIBUTION OF ELECTRICITY.	
04-01-00887	MANUFACTURING OF TOWERS FOR 400 KV AND 132 KV TRANSMISSION LINES.	
04-01-00888	OTHER SUPPORTING ACTIVITES TO THE ELECTRICAL SECTOR.	
04-01-00889	COMPUTERIZED DISPLAY FACILITIES FOR TRAINING PURPOSES.	
04-01-00890	LABORATORIES FOR TRAINING	
04-01-00891	TRAINING AIDS AND TOOLS.	
04-01-00892	TRAINING COURSES	
04-01-00893	EXPERTS OF DIFFERENT SPECIALIZATION, POWER STATIONS , TRANSMISSION , STUDY , PLANNINGetc	

NTRAL REPAIR WORKSHOP + A917

CODE	ITEM	
04-01-00894	LATHE MACHINE SWING OVER CROSS SLIDE 0.5 M DISTANCE BETWEEN CENTRES 3M	
04-01-00895	LATHE MACHINE SWING OVER CROSS SLIDE 0.35M DISTANCE BETWEEN CENTRES 1M	
04-01-00896	PORTABLE AIR COOLED TIG WELDING MACHINE 5-150D.C,MAXIUM LOAD 4.8KVA AT 35 %	
04-01-00897	AC.DC WELDER WITH HIGH FREQUENCY AIR COOLED TIG WELDING 300A,24KVA	
04-01-0898	CENTRIFUGAL CASTING MACHINE FOR CASTING WHITE METAL ON JOURNAL BEARINGS DIA.UP TO 250 MM LENGTH 300 MM	
04-01-00899	CIRCULAR BAND SAWING MACHINE 300MM DIA.	
04-01-00900	DIGITAL PORTABLE HARDNESS TESTER FOR STEEL ALLOYS AND CAST IRON ALLOYS	
04-01-00901	POCKET SIZE THERMOMETRE - 40 - 550 DEGREE CENTIGRADE.	
04-01-00902	INSIDE MICROMETRE SET WITH REPLACPLE RODS 0-1000MM GRADUATION 0.001 MM	
04-01-00903	INTERNAL DIAL CALIPER SET FOR MEASURING INTERNAL BORES GRADUATIONS 0.001 MM , 0-350 MM	
04-01-00904	GENERAL PURPOSE AIR COOLED TIG TORCH 300 A AC OR DC	
04-01-00905	ARC WELDING ELECTRODE HOLDER	
04-01-00906	NON DRYING PRUSSIAN BLUE	
04-01-00907	TURNING TOOL (DIFFERENT SIZES)	
04-01-00908	CUTTER GES (DIFFERENT SIZES)	
04-01-00909	CUTTER GEB (DIFFERENT SIZES)	

04-01-00910	CUTTING DISC Form 271 75 X2.4 X9.5 MM Product BDA24	
04-01-00911	CUTTING DISC Form271 75X3.2X9.5MM Product BDA34	
04-01-00912	ALUMINUM OXIDE ABRASIVE BELT 50X1220 MM	
04-01-00913	SANDING STARS (DIFFERENT DIA)	
04-01-00914	INTERLEAVED FINISING WHEELS	
04-01-00915	TOOL HOLDER	
04-01-00916	CARBIDE RCMX	
04-01-00917	BORING MACHINE	
04-01-00918	MULTIPLE LIMIT SWITCH DRG.NO S-E699	
04-01-00919	BEARING ,NN4944 DRG.NO S-E0700	
04-01-00920	BEARING NUT,AN12 DRG.NO S-E0700	
04-01-00921	BEARING WASHR,AW12 DRG.NO S-E0700	
04-01-00922	BEARING ,5212 DRG.NO S-E0700	
04-01-00923	BEARING 6212 DRG.NO S-E0700	
04-01-00924	COUPLING,MTU170 DRG.NO S-E0700	
04-01-00925	BEARING,220TAC29 DRG.NO S-E0700	
04-01-00926	BEARING, 6940MP6 DRG.NO S-E0700	
04-01-00927	LIMIT SWITCH WLCA2-C DRG.NO S-E0705	
04-01-00928	BRUSH DRG.NO S-E0705	
04-01-00929	BEARING, AZ30711 DRG.NO S-E0705	
04-01-00930	AC,MOTOR TOOL CHANGING METER DRG.NO S-E0705	
04-01-00931	ELECTROMAGNETIC BREAK EFL-10S DRG.NO S-E0705	
04-01-00932	BEARING 7210 B DRG.NO S-E0705	
04-01-00933	BEARING , 7211 DRG.NO S-E0705	
04-01-00934	ELECTROMAGNETIC CLUTCH EZE-25	
04-01-00935	ONE WAY CLUTCH 5W13167 DRG.NO S-E0705	
04-01-00936	SOLENOID VALVE	
04-01-00937	PUMP S-E0706	
04-01-00938	PRESSURE SWITCH S-E0708	
04-01-00939	LIMIT SWITCH S-E0709	
04-01-00940	BRUSH S-E0710	
04-01-00941	ELECTRO MAGNETIC CLUTCH EKE10S S-E0710	
04-01-00942	ELECTRO MAGNETIC CLUTCH EZE-16 S-E0711	
04-01-00943	SOLENOID VALVE AS-230B S-E0713	
04-01-00944	LIMIT SWITCH S-E5335	
04-01-00945	BEARING ,6010DD S-E5335	
04-01-00946	CLUTCH EZE-5 S-E5337	
04-01-00947	CLUTCH EKE-45 S-E5337	
04-01-00948	MOTOR,4P-5.5KW(GEAR BOX ASSEMBLY CTF) S-E5337	
04-01-00949	BEARING,6004DDNR S-E5338	
04-01-00950	CLUTCH S-E5339	
04-01-00951	MOTOR S-E5339	
04-01-00952	AIR CLEANER S-E5340	
04-01-00953	PUMP P-88-3 S-E5343	
04-01-00954	DYE PENETRANT SET USED FOR DETECTION OF SURFACE FLAWS SUCH AS CRACKS CONSIST OF PENETRANT R-1AF, DEVELOPER R- 1MF	
04-01-00955	WIRE CUT MACHINE WORKPIECE DIMENSION LENGTH 600MM WIDTH 400MM DEPTH 200 MM	
04-01-00956	MILLING MACHINE WORKING SURFACE OF THE TABLE 1600 MM x 370 MM COLUMN VERTICAL MOVEMENT 400 MM	
04-01-00957	HORIZONTAL LATHE SWING DIA . OVER BED 2000 MM DISTANCE BETWEEN CENTERS 5 M WITH HYDRULIC COPYINY ACCESORY	
04-01-00958	HORIZONTAL PRESS 300TON LENGTH 10M	

04-01-00959	SUPERJET EUTALLOY DELIVERY SYSTEM +1A - B3 - C5 TIPS + POWDER REFILL CONTAINER	
04-01-00960	ROTOTEC 80 DELIVERY SYSTEM + POWDER REFILL CONTAINER + SPARE PARTS	
04-01-00961	POWDER TYPE CHRMTTEC 19200	
04-01-00962	POWDER TYPE CORORESIST 19300	
04-01-00963	POWDER TYPE FRIXTEC 19850	
04-01-00964	POWDER TYPE DUROTEC 19910	
04-01-00965	POWDER TYPE XUPER 19800	
04-01-00966	POWDER TYPE LUBROTEC 19985	
04-01-00967	POWDER TYPE XUPER ULTRABOND 5100	
04-01-00968	POWDER TYPE NITEC 10224	
04-01-00969	POWDER TYPE EUTALLOY 10018	
04-01-00970	POWDER TYPE CHROMTIC 10680	
04-01-00971	POWDER TYPE BRONZOCHROM 10185	
04-01-00972	WHITE METAL POWDER (BABBIT) (IF POSSIBLE TO BE APPLIED BY EITHER ROTOTEC 80 OR SUPERJET EUTALLOY DELIVERY SYSTEM	
04-01-00973	THE CLEAN AIR 250 PORTABLE FUME EXTRACTOR	
04-01-00974	ELECTRIC ARC WELDING RODS FOR ARC WELDING DIA. 3.25MM ESAB TRADE NAME OK 92.78 AWS A5.15 : ENICUB	
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	
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	
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	
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	
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	
04-01-00980	AIR JET CARBON ARC TORCHES (GENERAL PURPOSE MODEL)	
04-01-00981	TOOL POST GRINDER KIT (EXTERNAL / INTERNAL 220 V 1 PHASE 50 HZ	
04-01-00982	PNEUMATIC BELT SANDER USING BELT SIZE 2" x 48" FOR USE ON LATHES TO GRIND EXTERNAL DIA.	
04-01-00983	SINGLE STONE DIAMOND DRESSERS FOR WHEELS DIA 24" - 36"	
04-01-00984	SINGLE STONE DIAMOND DRESSERS FOR WHEELS WIDTH 22"	

ATER REPAIR MAINTENANCE WORKSHOP

CODE	ITEM	
04-01-00985	HYDRULIC PRESS BRAKES	
04-01-00986	HYDRULIC SWING – BEAM SHEARS	
04-01-00987	PRECISION LATHES	
04-01-00988	SURFACE GRINDING MACHINE	
04-01-00989	HYDRAULIC BENDING MACHINE SHEET THICKNESS : 20 MM SHEET WIDTH : 3000 MM	
04-01-00990	HYDRAULIC BENDING MACHINE CAPACITY 3000 X 12MM	
04-01-00991	HYDRAULIC PROFIL BENDING MACHINE	
04-01-00992	HOT LAYER FORMING LINE	
04-01-00993	COLD LAYER FORMING LINE	
04-01-00994	AUTOMATIC HYDRAULIC TUBE BENDING MACHINE	

04-01-00995	SHEET FOLDING	
04-01-00996	NIBBLING MACHINE.	
04-01-00997	SLOTING MACHIN	
04-01-00998	WELDING RECTIFIER CURRENT RANGE :UP TO 400 DCA.	
04-01-00999	WELDING RECTIFIER CURRENT RANGE :UP TO 550 DCA.	
04-01-01000	SPOT WELDING	
04-01-01001	HYDRAULIC PRESS	
04-01-01002	CONTINOUS SPOT WELDING	
04-01-01003	RECIPROCATING SAW	
04-01-01004	PRECISION LATHES	
04-01-01005	BAND SAW MACHINE	
04-01-01006	PUNCH PRESS (FLY PRESS) CAPACITY 40 TON	
04-01-01007	PUNCH PRESS (FLY PRESS) CAPACITY 60 TON	
04-01-01008	PUNCH PRESS (FLY PRESS) CAPACITY 100 TON	
04-01-01009	TUBE EXPANSION FORMING PRESS	
04-01-01010	ARGON WELDING MACHINE	
04-01-01011	INERT-GAS WELDING MACHINE	
04-01-01012	LONGITUDINAL WELDING MACHINE	
04-01-01013	INSULATED FLEXABLE CABLES COPPER CONDUCTER CLASS 2 0.6KV MAX.	
04-01-01014	3 PHASE NO FUSE CIRCUIT BREAKERS	
04-01-01015	OXY - GAS TORCHS + HOSE + CYLINDER PRESS REGULATORS	
04-01-01016	ANGLE GRINDERS	
04-01-01017	CHAIINE BLOCKS VARIOUS CAPACITIES	
04-01-01018	TER - FOR VARIOUS CAPACITIES	
04-01-01019	INDUCTION HEAT TREATMENT SET WITH ACCESSORIES FREQUENCY 1150 HZ WITH TEMP. CONTROLLER	
04-01-01020	40 V - AC 60W LIGHT BULBS WITH 220/40 V AC TRANSFORMERS WITH ADAPTORS	
04-01-01021	TUBE EXPANDER SET RANGE 18MM TO 25MM .	
04-01-01022	PIPE EXPANDER SET RANGE 46MM TO 56 MM	

FORMER MAINTENANCE WORK SHOP

CODE	ITEM	
04-01-01023	HYDRAULIC SHEAR CAPACITY UP TO 50 MM THICKNESS MAX . SHEET WIDTH 3000 MM	
04-01-01024	PUNCHING MAX THICKNESS 10 MM , 30 TON THREAD DEPTH = 1250 – 1500 MM	
04-01-01025	IN CIRCUIT TESTER * DIGITAL STORAGE OSCILSCOPE. EPROM / ROM VERIFICATION . SELF DOCUMENTING TEST SEQUENCES .	
04-01-01026	HYDROLIC PRESS BRAKE CAPACITY BENDING 15 MM MAX. BENDING HEIGHT 3000 MM .	
04-01-01027	TESTING STAND FOR NO LOAD SHORT CIRCUIT INDUCED VOLTAGE TESTING	
04-01-01028	HIGH VOLTAGE LABORATORY	
04-01-01029	AUTOMATIC LINE FOR INSULATING THE CU AND AL CONDUCTORS CONDUCTOR DIMENSION DIA 1.5 X 8 MM – 20 X 30 MM	

04-01-01030	COIL DRYING OVEN MAX TEMPERATURE 110 DEGREE CENTIGRADE .	
04-01-01031	VIG- WELDING EQUIPMENT	
04-01-01032	DRILLING MACHINE WITH BASE –PLATE AND COOLING INSTALLATION	
04-01-01033	RADIAL DRILLING MACHINE	
04-01-01034	COMPACT SHEET METAL WORKING MACHINE FOR PUNCHING PROFILING AND FORMING	
04-01-01035	PRIMING AND PAINTING PLATFORM IN ANTIEXPLOSIVE CONSTRUCTION WITH LATERAL WALLS	
04-01-01036	SLITTING LINE FOR ELECTRICAL STEEL STRIP – SHEAR ARBOR DIA 160 MM CUTTER DIAMETER DIA 160 MM IN GOING STRIP WIDTH 1000MM	
04-01-01037	PACKING OF THE CORES INSTALLATION	
04-01-01038	SCISSOR FOR CIRCULAR OUT LINE – RING DIA 250 – 3000 MM .	
04-01-01039	VERTICAL INTERNAL THREADING MACHINE – MAX . INTER . THREAD DIA M20 M30	
04-01-01040	50 MVA UNIT CONDENSATORS BATTERY 125 MVAR	
04-01-01041	PANTOGRAF ENMGRAVING MACHINE WORKING SURFACE OF TABLE 200 X 320 MM	
04-01-01042	MILLING MACHINE FOR WEDGES WITH MILL TURNING 4900 R.P.M	
04-01-01043	CYLINDER DRYING OVEN . TEMP MAX 90 DEGREE CENTIGRADE	
04-01-01044	MILLING MACHINE FOR WEDGES	
04-01-01045	VERTICAL WINDING MACHINE . MAX . LOAD ON SUPPORT PLATE 20 TON .	
04-01-01046	HORIZONTAL WINDING MACHINE . MAX. COIL DIA 1800 MM .	
04-01-01047	HYDRAULIC PRESS OF 400 TF FOR TRANSFORMER COILS COIL MAX. SIZE DIA3000 - 5000 MM	
04-01-01048	TWO GIRDER BRIDGE CRANE S DIFFERENT CAPACITY LIFTING CAPACITY 32 TF OPENING 16 – 5 M .20 , 40 , 30 TONS	
04-01-01049	TWO GIRDER BRIDGE CRANE LIFTING CAPACITY 320/80 TF OPENING 28 M .	
04-01-01050	HYDROLIC SHEET BENDING PRESS USEFUL LG OF TABLE 4050 MM	
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	
04-01-01052	TRANSFORMER LAMINATION CUT – TO – LENGTH LINE LENGTH 500 – 1000 MM WIDTH 100 – 1050 MM	
04-01-01053	OIL TREATMENT STAND ADJUSTABLE FLOW 1500 – 4000 L / MIN	
04-01-01054	VACUUM PUMPS 3000 LITER/MIN UP TO 0.05 TORR WITH MECHACNICAL BOOSTER AND VACUUM HOSE	
04-01-01055	DRYING OVENS 110 +10 DEGREE CENTIGRADE SIZE 12 L X6.5W X 5H METER	
04-01-01056	OIL JACK (20) TON	
04-01-01057	OIL PURIFIRE 6000 LITER/H	
04-01-01058	DRY AIR GENERATOR 2-3 CUBIC METER MIN	
04-01-01059	DEW POINT METER / RANGE LESS THAN – 30 DEGREE CENTIGRADE	

04-01-01060	OXYGEN DENSITY METER	
04-01-01061	MOISTURE TESTER	
04-01-01062	OIL TESTER	
04-01-01063	GAS MEASURING DEVICE	
04-01-01064	PARTIAL DISCHARGE TEST EQUIPMENT	
04-01-01065	INSULATING PRESS BOARD , PAPER AND CRAPE TAPE OF DIFFERENT SIZES	
04-01-01066	TOOLS , MATERIAL AND ACCESSARIES FOR MAINTENANEE AND REPAIR OF POWER TRANSFORMAR	
04-01-01067	HIGH VOLTAGE TEST EQUIPMENT FOR POWER TRANSFORMAR	
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 .	
04-01-01069	ELECTRIC ASSEMBLY PLATFORM BASEMENT LOAD 15T	
04-01-01070	STORING TANK FOR FILTERED OIL	
04-01-01071	GEAR OIL PUMP RATED FLOW 38M3 / MIN	
04-01-01072	GEAR OIL PUMP RATED FLOW 18M3 / MIN	
04-01-01073	INTERMIDIATE OIL TANK VOLUME 10 T	
04-01-01074	TAPING MACHINE FOR LOAD THE RAPED LENGTH 13M	
04-01-01075	BRAZING MACHINE	
04-01-01076	WASTE OIL COLLECTING PLATE FORM DIMENTION 12 x 6M	
04-01-01077	GEAR OIL PUMP RATED FLOW 3.3 M3 / H	
04-01-01078	WASTE OIL STORAGE TANK VOLUME 2.8 M3	
04-01-01079	OIL HEATING SYSTEM Q= 1200 L/H	
04-01-01080	COLD PRESSING & WELDING EQUIPMENT	
04-01-01081	ROTARY PISTON PUMP ULTIMATE VACUUM PRESSURE 1.3PA	
04-01-01082	CONDENSOR 75 M2	
04-01-01083	SEPARATOR SINGLE CHAMBER	
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	
04-01-01085	MANDREL EXPANSION RANGE 1000 - 1500MM NUMBER OF BARS 24 , WIDTH OF BAR 100MM , EFFECTIVE HEIGHT 3100 MM LOAD 7 T	
04-01-01086	MANDREL EXPANSION RANGE 500 - 2000MM NUMBER OF BARS 30 WIDTH OF BAR 100MM , EFFECTIVE HEIGHT 3100MM LOAD 10 T	
04-01-01087	OVERHEAD CRANE WITH REMOTE CONTROL 32T , WITH GERMANY ORIGIN REMOTE CONTROL	
04-01-01088	MOTOR TROLLY LOAD 40 T	
04-01-01089	ASSEMBLY PLATFORM FOR WINDING	
04-01-01090	WINDING TILTING MACHINE CARRY WEIGHT 20 T	
04-01-01091	HOT PRESS THE DIMENSION OF WORKING TABLE 3.2 x 3.2M , WORKING TEMPERATURE 160 + DEGREE CENTIGRADE	
04-01-01092	RIBS PRESSING MACHINE	
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	
04-01-01094	CUTTING MACHINE FOR INSULATION PAPER MAX. DE -COILING DIA 760MM ,NUMBER OF REWINDING SHAFTS 2	
04-01-01095	TAPING MACHINE FOR ELECTROSTIC TAPING DIA 1 - 3M	
04-01-01096	BAND SAW SAWING WIDTH x THICKNESS 580 x 230 MM	
04-01-01097	CRANE WITH REMOTE CONTROL 5 T	
04-01-01098	BURR REMOVING MACHINE	

04-01-01099	INSULATOR MANUFACTURE CENTER , WORKING TABLE DIMENSION 3x3M , THE KNIFE CAN BE MOVED TO 16 POSITION	
04-01-01100	AUXILIARY TOOLS	
04-01-01101	STACKING FIXTURES DIMENSION OF STACKING TABLE 10x4.5 x0.59M , CARRY LOAD 150T	
04-01-01102	PUNCH SHEAR DISTANCE FROM MOVING MODULE CENTER TO BODY 210MM DIMENSION OF WORK TABLE 460x 700MM	
04-01-01103	PLATE MILLING MACHINE DIMENSION OF WORKING TABLE 320 x1000 MM	
04-01-01104	MOTOR TROLLY LOAD 63 T	
04-01-01105	BINDING MACHINE FOR CORE	
04-01-01106	FLAME PLASMA CUTTING MACHINE LENGTH OF RAIL 16M CUTTING THICKNESS 4 - 20 MM	
04-01-01107	HYDRAULIC CUTTING MACHINE THICKNESS x WIDTH 16x3100 MM	
04-01-01108	HYDRAULIC PIPE BENDING MACHINE DIA 25 - 108 MM	
04-01-01109	CO2 WELDING MACHINE CONTINUE RATIO UNDER RATED LOAD 60%	
04-01-01110	WELDING TABLE 12 x 6M	
04-01-01111	SHOT - BOASTING EQUIPMENT 10 x7.5 x5	
04-01-01112	WATER -ROTATING PAINT BOOTH 12 x 6 x 5 M	
04-01-01113	MOTOR TROLLEY 40 T	
04-01-01114	BOLT WELDING MACHINE BOLT DIAMETER 4 - 24 MM ,CURRENT 1450A	
04-01-01115	LEAKING TESTING AND OTHER EQUIPMENT , TOOLS	
04-01-01116	GENERATOR SET 15000 KVA , 50 HZ	
04-01-01117	GENERATOR SET 2000 KVA , 200 HZ	
04-01-01118	INTERMEDIATE TRANSFORMER 16000 KVA	
04-01-01119	POWER FREQUENCY TESTING TRANSFORMER 1600 KVA ,2 x400KV 50 HZ	
04-01-01120	IMPULSE VOLTAGE GENERATOR 2400 KV	
04-01-01121	OIL TANK FOR TESTING DIA 3M , H 3.5 M	
04-01-01122	HR SWITCH BOARD	
04-01-01123	AIR - CUSHION WAGON 300 T	
04-01-01124	DRYING EQUIPMENT HEATING RESISTANCE -WIRE TO WARPPED OUTSIDE OIL TANK AND ONE SET OF 1200M3 /MIN VACUUM UNIT	
04-01-01125	OIL CHARGIN EQUIPMENT TREATMENT CAPACITY 1200 M3 / MIN	
04-01-01126	SPARE PARTS FOR MACHINES AND EQUIPMENTS	
04-01-01127	COPPER INSULATED WIRE AND BUS BARS (MILD HARDNESS TRANPOSED CONDUCTORS , COMBINATION)	
04-01-01128	STEEL SHEET 3 -50 MM THICKNESS	
04-01-01129	SILICON SHEET DIFFERENT THICKNESS AND TYPES	
04-01-01130	POWER TRANSFORMER ACCESSORIES BUSHINGS ,RADIATORS , PROTECTION DEVICES, CURRENT TRANSFORMER VOLTAGE , SWITCH OTHERS .	
04-01-01131	SEAM WELDER MAX. WELDING FORCE 400KG (5KG/CM2) , STROKE OF ELECTRODE FORCE 100MM , AND RATED INPUT 6 x 300KVA	
04-01-01132	CRANE TRUCK SET FOR 250 TONS CRANE TRUCK AND ACCESSORIES	
04-01-01133	LOW LOADER OUTDOOR SPECIAL LOW LOADER TO CARRYING HEAVY TRANSFORMER	
04-01-01134	I - BEAMS AND SANDSWITCH PANNELS DIFFERENT DIMN. AND DIFFERENT SPEC. FOR BUILDINGS	
04-01-01135	COMPUTERS AND SOFTWARE WITH PLOTTERS MODERN AND POWERFULCOMPUTER FOR MULTI PURPOSE	
04-01-01136	PHOTO COPY AND DEVELOPMENT MACHINE & ACCESSORIES	

39- GAS PIPES & ACCESSORIES

CODE	ITEM	
04-01-01137	LINE PIPES: CARBON STEEL 30 INCHES DIAMETERS 150 KILOMETERS, DIFFERENT THICKNESSES. FACTORY COATED WITH EXTRUDED	
04-01-01138	WELDING ELECTRODES 400 TONS. OF DIFFERENT SIZES AND TYPES.	
04-01-01139	LINE BRAKE VALVES. MANUAL AND SELF OPERATED. DIFFERENT TYPES AND SIZES RANGING FROM 42 INCHES TO HALF INCHES. 180 NOS	
04-01-01140	LAUNCHING AND RECEIVING STATION DIFFERENT SIZES, 8 NOS.	
04-01-01141	FITTINGS. DIFFERENT SIZES AND TYPES FOR ABOVE MENTIONED LINE PIPE	
04-01-01142	CATHODIC PROTECTION SYSTEM.	
04-01-01143	CONSUMABLES AND CONSTRUCTION TOOLS.	
04-01-01144	INSTRUMENTS AND PIGS .	
04-01-01145	REDUCTION PRESSURE SKIDS	

S FOR THE FOLLOWING OIL PIPES & ACCESSORIES

CODE	ITEM	
04-01-01146	MATERIALS API-5L-X60 SIZE DIA+ WALL THICKNESS 20X0.344 INCH , 508X8.74MM , END CONDITIONS BEVELLED , CONDITION COATED .	
04-01-01147	MATERIALS API-5L-X60 SIZE DIA+ WALL THICKNESS 20X0.406 INCH , 508X10.31MM , END CONDITIONS BEVELLED .	
04-01-01148	MATERIALS API-5L-GR.B SIZE DIA+ WALL THICKNESS 24X0.312 INCH , 609X7.92MM , END CONDITIONS PLAIN , CONDITION BARE.	
04-01-01149	MATERIALS API-5L-X60 SIZE DIA+ WALL THICKNESS 18X0.344 INCH , 457X8.74MM , END CONDITIONS BEVELLED , CONDITION COATED.	
04-01-01150	MATERIALS API-5L-X60 SIZE DIA+ WALL THICKNESS 18X0.375 INCH , 457X9.52MM , END CONDITIONS BEVELLED , CONDITION COATED.	
04-01-01151	MATERIALS API-5L-GR.B SIZE DIA+ WALL THICKNESS 22X0.312 INCH , 558X7092MM , END CONDITIONS PLAIN , CONDITION BARE.	
04-01-01152	HEAT SHRINKABLE SLEEVES , SIZE 20 INCH.	
04-01-01153	HEAT SHRINKABLE SLEEVES , SIZE 18 B1185 INCH.	
04-01-01154	CROSSING MATERIALS SIZE 24X20 INCH.	
04-01-01155	CROSSING MATERIALS SIZE 22X18 INCH.	
04-01-01156	ELASTIC NEOPRENE AND SEALS SIZE 18X22 INCH	
04-01-01157	ELASTIC NEOPRENE AND SEALS SIZE 20X24 INCH	

41- DISTRIBUTION NETWORK

CODE	ITEM	
04-01-01158	CABLE XLPE 3X150 11 KV	
04-01-01159	CABLE XLPE 3X150 33 KV	

04-01-01160	CABLE XLPE 1X400 33 KV	
04-01-01161	STRAIGHT JOINT 1X400MM2 33 KV (OUTDOOR)	
04-01-01162	TERMINATION 1X400MM2 33 KV (OUTDOOR)	
04-01-01163	STRAIGHT JOINT 3X150MM2 33KV	
04-01-01164	TERMINATION JOINT 3X150 MM2 33KV (OUTDOOR)	
04-01-01165	TERMINATION 1X50 MM2 11 KV (INDOOR)	
04-01-01166	STRAIGHT JOINT 400 VOLT 3X240+120	
04-01-01167	STRAIGHT JOINT 3X150MM2 11KV	
04-01-01168	STRAIGHT JOINT 400VOLT 3X120+70	
04-01-01169	STRAIGHT JOINT 400VOLT 3X150+70	
04-01-01170	STRAIGHT JOINT 400VOLT 3X95+50	
04-01-01171	STRAIGHT JOINT 400VOLT 3X70+35	
04-01-01172	STRAIGHT JOINT 400VOLT 4X16 & 1X150	
04-01-01173	CUT -OUT FUSE 11& 33 KV WITH THE FUSES	
04-01-01174	ELEMENT FUSE 20-40&60 AMP.	
04-01-01175	(ON - LOAD) LINE ISOLATOR 11KV &33KV	
04-01-01176	PORCELAIN PIN TYPE INSULATORS WITH GALVANIZED STEEL SPINDLE 33 KV LONG TYPE	
04-01-01177	PORCELAIN PIN TYPE INSULATORS WITH GALVANIZED STEEL SPINDLE 11 KV LONG TYPE	
04-01-01178	DISC INSULATORS FOR 11KV	
04-01-01179	DISC INSULATORS FOR 11KV - SOCKET EYE	
04-01-01180	DISC INSULATORS FOR 11KV – SUSPENSION CLAMP FOR 120/20&210/35	
04-01-01181	TENSION CLAMP FOR DISC INSULATORS FOR 11KV - 120/20&210/35	
04-01-01182	DISC INSULATORS FOR 11KV – BALL EYE	
04-01-01183	SHACKLE INSULATORS WITH D - IRON &2 BOLTS	
04-01-01184	L.T SWITCH BOARD FOR TR 250 & 400 KVA (OUTDOOR)	
04-01-01185	L.T SWITCH BOARD FOR TR 400 ,630&1000 KVA (INDOOR) WITH CAPACITORS	
04-01-01186	11/0.4 KV DIST . TRANSFORMERS 100 –250 –400 –630 & 1000 KVA WITH SPARE PARTS	
04-01-01187	33 / 0.4 KV DIST . TRANSFORMERS 250 ,400 ,630 & 1000 KVA WITH SPARE PARTS	
04-01-01188	ACSR-BARE WIRE : 210/35 MM2	
04-01-01189	ACSR-BARE WIRE : 120/20MM2	
04-01-01190	AAC-BARE WIRE : 95MM2	
04-01-01191	AAC-BARE WIRE : 70MM2	
04-01-01192	AAC-BARE WIRE : 50MM2	
04-01-01193	AAC-BARE WIRE : 35MM2	
04-01-01194	KWH -METERS (1PH) 40 AMP	
04-01-01195	KWH- METERS (3PH) 3(20-60)AMP	
04-01-01196	400 VOLT TWISTED CABLES 3X70+50+16, 3X95+50+16 & 3X120+70+16	
04-01-01197	ACCESSORIES FOR TWISTED CABLE	
04-01-01198	LAMPS -125W -160W-250W&400W MERCURY	
04-01-01199	LAMPS 150W- 250W & 400 W SODIUM	
04-01-01200	LANTERNS FOR LAMPS -125W -160W- 250W&400W MERCURY	
04-01-01201	LANTERNS FOR LAMPS150W- 250W & 400 W SODIUM	
04-01-01202	CHOKES FOR LANTERNS FOR LAMPS 125 & 400W MERCURY	
04-01-01203	CHOKES FOR LANTERNS FOR LAMPS(150W, 250W & 400W) SODIUM	
04-01-01204	IGNITOR FOR LAMPS 400W SODIUM	
04-01-01205	PHOTO ELECTRICAL CELL	
04-01-01206	CONTROL POLE MOUNTED : SINGLE PHASE 230V , 80 AMP & THREE PHASE 400V 100AMP	

04-01-01207	FLOOD LIGTH SYSTEM	
04-01-01208	SINGLE POLE MCB 100 & 80 AMP 220 VAC 50HZ	
04-01-01209	1POLE CONTACTOR AC3 RATNG :80&100 AMP COIL 220/240 VAC 50HZ	
04-01-01210	3 POLE MCB 80 AMP 380 VAC 50HZ	
04-01-01211	3POLE CONTACTOR AC3 RATING 80 AMP COIL VAC 50HZ	
04-01-01212	33 / 11 KV SUBSTATION (2X31.5 , 2X10 &2X16) MVA WITH TRANSFORMERS & SPARE PARTS	
04-01-01213	33 / 11KV SUB STATION (2X10&2X16) MVA WITH SPARE PARTS & WITH OUT TRANSFORMERS	
04-01-01214	33 / 11KV MOBILE SUBSTATION (1X10 & 1X16) MVA WITH RECOMMENDED SPARE PARTS	
04-01-01215	11 / 0.4 KIOSK SUBSTATION 400-1000 KVA WITH TRANSFORMER	
04-01-01216	DIESEL GENERATORS (7.5-2500KVA) WITH RECOMMENDED SPARE PARTS AND SPECIAL TOOLS	
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.)	
04-01-01218	SPARE PARTS FOR KWH METER TYPE 400/5,600/5,1000/5 &1600/5	
04-01-01219	VHF COMMUNICATION EQUIPMENT FIXED WITH ACCESSORIES AND SPARE PARTS	
04-01-01220	VHF COMMUNICATION EQUIPMENT MOBILE WITH ACCESSORIES AND SPARE PARTS	
04-01-01221	COAXIAL CABLE	
04-01-01222	SWITCHING EQUIPMENT	
04-01-01223	UHF COMMUNIATION EQUIPMEN T(P-P) & (PMP) WITH ACCESSORIES & SPARE PARTES	
04-01-01224	TEST EQUIPMENT FOR COMMUNICATION SYSTEM	
04-01-01225	POWER LINE CARRIER COMMUNICATION EQUIPMENT	
04-01-01226	BATTERY CHARGER 48 V .D.C.	
04-01-01227	CASH MACHINE	
04-01-01228	COMPUTERS AND PRINTERS	
04-01-01229	COMPUTERS WITH UPS SYSTEM WITH SPARE PARTS	
04-01-01230	PRINTERS WITH SPARE PARTS	
04-01-01231	SCANNER	
04-01-01232	SPARE PARTS FOR DEC PDP 11/44 COMPUTERS	
04-01-01233	PILOTE CABLE 52* 0.9 MM	
04-01-01234	FUEL TANKER WITH RECOMMENDED SPARE PARTS	
04-01-01235	SINGLE POLEMINIATURE CIRCUIT BREAKER 20A, 40A, 60A, 400V	
04-01-01236	CABLE TESTING VAN	
04-01-01237	CRANE (40 & 80 TON) WITH RECOMMENDED SPARE PARTS	
04-01-01238	BEAMLIFTER TRUCKS (17M & 22M) WITH RECOMMENDED SPARE PARTES	
04-01-01239	S/S TESTING VAN	
04-01-01240	TRUCK WITH LIFTER FOR TRANSFORMERS WITH RECOMMENDED SPARE	
04-01-01241	TRAILER WITH LIFTER WITH RECOMMENDED SPARE PARTS.	
04-01-01242	EXCAVATION EQUIPMENT WITH RECOMMENDED SPARE PARTS	
04-01-01243	EARTH AUGER WITH RECOMMENDED PARE PARTS	
04-01-01244	SHOVELS (WHEEL LOADER) WITH RECOMMENDED PARE PARTS	
04-01-01245	MOULTED CASE C.B. TEST SET	
04-01-01246	DUMPER TRUCK WITH RECOMMENDED PARE PARTS	
04-01-01247	MOBILE CRASHER WITH RECOMMENDED SPARE PARTS	
04-01-01248	CARS , STATION WAGON ,PICK-UP & MOTOR CYCLE WITH RECOMMENDED SPARE PARTS.	
04-01-01249	LORRIES (3 , 10 &16 TON) WITH RECOMMENDED SPARE PARTS	
04-01-01250	LOWLOADER (60 & 90 TON) WITH RECOMMENDED SPARE PARTS	
04-01-01251	FORKLIFT (5 &15 TON) WITH RECOMMENDED SPARE PARTS	
04-01-01252	WATER &FUEL TANKER 16000-20000 LITTER WITH RECOMMENDED SPARE PARTS	
04-01-01253	RECOVERY TRUCK WITH RECOMMENDED SPARE PARTS	

04-01-01254	TOW CAR FOR SHIFITING OF DAMAGED VEHICLES WITH RECOMMENDED SPARE PARTS	
04-01-01255	MINI BUSES (11&16 PERSONS) WITH RECOMMENDED SPARE PARTS	
04-01-01256	BUS FOR TRANSPORTATION (40 PERSONS) WITH RECOMMENDED SPARE PARTS	
04-01-01257	PORTABLE AIR COMPRESSOR	
04-01-01258	DUMPER (1M 3) WITH RECOMMENDED SPARE PARTS	
04-01-01260	TRACTOR WITH WAGON WITH RECOMMENDED SPARE PARTS	
04-01-01261	CONCRETE MIXER CAR WITH RECOMMENDED SPARE PARTS	
04-01-01262	TOOLS & EQUIPMENT FOR MAINTENANCE VEHICLE & TRUCKS	
04-01-01263	FIRE FIGHTING VEHICLE WITH RECOMMENDED SPARE PARTS	
04-01-01264	JACKING MACHINE WITH RECOMMENDED SPARE PARTS	
04-01-01265	JACK HAMMER	
04-01-01266	REEL DRUM TRAILER FOR CABEL WITH RECOMMENDED SPARE PARTS	
04-01-01267	TRAILER 40 TONS WITH RECOMMENDED SPARE PARTS	
04-01-01268	LOWLOADER FOR TRANSFORMER 80 TON WITH RECOMMENDED SPARE PARTS	
04-01-01269	MAILAR TRUCK	
04-01-01270	SMI – TRAILER (10- 40 TON)WITH LIFTER 15 TON & SPARE PARTS	
04-01-01271	MOBILE WORKSHOP FOR MAINTENANCE VEHICLE WITH RECOMMENDED SPARE PARTS	
04-01-01272	MOBILE WORKSHOP TESTING VAN FOR S/S WITH RECOMMENDED SPARE PARTS	
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	
04-01-01274	MOULDED CASE C.B. TEST SET	
04-01-01275	OUTDOOR 33KV C.B. 630A VACUUM OR SF6	
04-01-01276	33 KV C.B. INCOMING & OUTGOING 1250A SF6 OR VACUUM(INDOOR)	
04-01-01277	AUTO RECLOSER 11KV 20KA SF6	
04-01-01278	PHASE SEQUENCE 11KV	
04-01-01279	VACUUM CHEKER 12KV- 28KV WITH INDICATOR OF LEAKAGE CURRENT (MA)	
04-01-01280	SPARE PARTS FOR MEIDENSHA S/S :- C.B. 11KV 630A , 1250A 25KA VACUUM (JAPAN S/S)	
04-01-01281	VACCUM C.B. 36KV , 630A , 25KA	
04-01-01282	VACCUM C.B. (VE-14) 12KV , 2000A , 25KA	
04-01-01283	VACCUM INTERRAPTER FOR VGB 630A 12KV,25KA	
04-01-01284	TRIPPING COIL FOR VGB 110 VDC	
04-01-01285	CLOSING SPRING LEVER	
04-01-01286	CURRENT TRANSFORMER 36KV 200- 400/5/5A (JAPAN S/S)	
04-01-01287	CURRENT TRANSFORMER 36KV 100- 400/5/5A (JAPAN S/S)	
04-01-01288	BUSHING TYPE CURRENT TRANSFORMER 12KV 1800/5/5A	
04-01-01289	BUSHING TYPE CURRENT TRANSFORMER 12KV 300/5/5A	
04-01-01290	VOLTAGE TRANSFORMER 33KV/ $\sqrt{3}$ /110V/ $\sqrt{3}$ 200VA (JAPAN S/S)	
04-01-01291	VOLTAGE TRANSFORMER 11KV/ $\sqrt{3}$ /110V/ $\sqrt{3}$ 1107 200 A (JAPAN S/S)	
04-01-01292	AMMETER WITH MAX. DEMAND (0-300A)	
04-01-01293	VOLTMETER 0-45KV	
04-01-01294	VOLTMETER 0-15KV	
04-01-01295	UNDER FREQUENCY RELAY 110,46-50HZ	
04-01-01296	OVER CURRENT GROUND RELAY 1-4A (TIME LAG) INSTANT 5-20A	
04-01-01297	BUCHHOLZ RELAY	
04-01-01298	LAMP FOR BSL (ACN-8811)& BSL (ABN-111)18V,2W	
04-01-01299	BUZZER 110VDC	
04-01-01300	BELL 110 VDC	
04-01-01301	RECTIFIER SYSTEM UNIT FOR BATTERY CHARGER 150VD ,C , 15A)	

04-01-01302	THYRISTOR 800V , 20A	
04-01-01303	PILOT LAMP (WHITE) 220V AC (18V,2W)	
04-01-01304	DITTO (RED)	
04-01-01305	CLOSING HOOK	
04-01-01306	POTENTIAL TESTER LAMP WITH ACCESSORIES	
04-01-01307	CABLE JOINTING TOOLS	
04-01-01308	O.H.L TOOLS	
04-01-01309	AIR CONDITION (2 TON) WINDOW TYPE AND SPLIT	
04-01-01310	CABLE TERMINALS(10-16-25-35-50-70-95-120-150-185&200MM2)	
04-01-01311	RING MAIN UNIT 11KV	
04-01-01312	RING MAIN UNIT TYPE EXTENSIBLE 11KV WITH SPARE PARTS	
04-01-01313	33/11KV POWER TRANSFORMERS 10,16 &31.5 MVA WITH SPARE PARTS	
04-01-01314	LATTICE STEEL POLES 9 & 11M	
04-01-01315	IBEAM STEEL 140X66X8.6X5.7 MM LENGTH 9M (IPN) ST.52	
04-01-01316	IBEAM STEEL 140X66X8.6X5.7MM LENGTH 11M (IPN) ST.52	
04-01-01317	STEEL ANGLE 30 X 30 X3 MM	
04-01-01318	PLATE THICKNESS 6 MM X75 MM	
04-01-01319	TUBLER STEEL POLES 9&11 M	
04-01-01320	STEEL PIPES SIZE 2.8M X 114 X 4.5MM ST. 52 FOR 11 M LENGTH	
04-01-01321	STEEL PIPES SIZE 3.35M X 139MMX 4.5MM ST.52 FOR 11 M LENGTH	
04-01-01322	STEEL PIPES SIZE 5.5M X 165MM X 4.5MM ST.52 FOR 11 M LENGTH	
04-01-01323	STEEL PIPES SIZE 2.3M X 89MM X 3.3MM ST. 52 FOR 9 M LENGTH	
04-01-01324	STEEL PIPES SIZE 2.65M X 114MM X 3.6MM ST.52 FOR 9M LENGTH	
04-01-01325	STEEL PIPES SIZE 4.7M X 139MM X 4.5MM ST.52 FOR 9M LENGTH	
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)	
04-01-01327	DOUBLE CIRCUIT MEDIUM SPAN STEEL TOWERS TYPE (2S, 2SC, 2TC, 2H, 2HC, 2SRC, 2AT)	
04-01-01328	STREET LIGHTING POLES 10 &15M	
04-01-01329	LIGHTNING ARRESTERS 11 & 33 KV	
04-01-01330	SPARE PARTS FOR FRENCH S/S :-CIRCUIT BREAKER 12KV, 630A, 25KA , FG2, SF6	
04-01-01331	CIRCUIT BREAKER 12KV, 2000A, 25KA,LF3, SF6	
04-01-01332	BREATHER FOR MAIN TANK FOR 5,10,&31.5 MVA	
04-01-01333	BUCHOLZ RELAY FOR TRANSFORMER 31.5MVA ALAM –80	
04-01-01334	GASKET FOR TRANSFORMER 5MVA	
04-01-01335	WINDING TEMPRATURE INDICATOR FOR POWER TRANSFORMER 5,10&31.5 MVA	
04-01-01336	OIL TEMPRATURE INDICATOR FOR POWER TRANSFORMER 5,10 &31.5 MVA	
04-01-01337	MOTOR FPR TAP CHANGER	
04-01-01338	SHOCK ABSORBER	
04-01-01339	UNDER VOLTAGE RELEASE 110/120 VDC	
04-01-01340	DIS CONNECTING CONTACT FINGERS FG2 630A	
04-01-01341	DIS CONNECTING CONTACT FINGERS FG2 1250A	
04-01-01342	DIS CONNECTING CONTACT FINGERS FG2 2000A	
04-01-01343	EARTHING RESISTOR TYPE HENNEQUIN 300A 35/H COMPLETE	
04-01-01344	INVERSE TIME DIRECTIONAL OVER CURRENT TYPE ITD 7211 OR EQUIVALENT (SEPAM)	
04-01-01345	V.T RELAY INDEPENDENT TIME OVER VOLTAGE TYPE ITG 7114 OR EQUIVALENT	
04-01-01346	EARTH FAULT RELAY TYPE ITG 7113 OR EQUIVALENT	
04-01-01347	DIFFERENTIAL PROTECTION RELAY HHTA4 OR EQUIVALENT	

04-01-01348	OVER CURRENT AND EARTH FAULT RELAY CDG 31 2X51+51N OR EQUIVALENT	
04-01-01349	LAMPS 100W 110V	
04-01-01350	L.V BULBS E14 TYPE 101-0172 60V ,5W	
04-01-01351	VOLTMETER SELECTOR SWITCH REF 25644153	
04-01-01352	LATCHING MECHANISIM REF 9011400C1	
04-01-01353	POLE OF C.B 12KV, 630A, 25K, FG2, SF6	
04-01-01354	11 KV CURRENT TRANSFORMER 150-300/5/5 TCF 200A	
04-01-01355	11 KV CURRENT TRANSFORMER 300-600/5/5 TCF 200A	
04-01-01356	11 KV V.T 11000/ 110 /3 /110 TYPE RTF 200F	
04-01-01357	ELECTRONIC CARDS OF CORO DEL CHARGER TYPE SCE 270A	
04-01-01358	ELECTRONIC CARDS OF CORO DEL CHARGER TYPE SCE 270C	
04-01-01359	BATTERY 110V NICKLE-CADMIUM 60,80 & 110AH CHLORIDE OR SAFTALKLINE (SET)	
04-01-01360	FUSE FOR VOLTAGE TRANSFORMER 0.5A	
04-01-01361	FLAG RELAY110V D.C (FIR) DROP OUT FLAG RELAY110V D.C (FIR) DROP OUT	
04-01-01362	FLAG RELAY110V D.C (FIR) PIK UP	
04-01-01363	CIRCUIT BREAKER 12KV ,2000A,25KA,LF3,SF6	
04-01-01364	TRIPING AND CLOSING COIL (887191)	
04-01-01365	UNDER FREQUENCY RELAY (TYPE HTG 7012)	
04-01-01366	ELECTRONIC TIME DELAY RELAY (TYPE 245.TE 110V D.C. 0.2 TO 180 SEC)	
04-01-01367	AUX. RELAY 110V D.C. (TYPE 259-49)	
04-01-01368	AUX. RELAY 110/ 3 (TYPE 245-481)	
04-01-01369	L.V. CIRCUIT BREAKER 3-POLE 3AMP (TYPE C32 N)	
04-01-01370	POTENTIAL TESTER 1AMP	
04-01-01371	SOILD STATE VOLTAGE REGULATOR MK 20	
04-01-01372	H.V. BUSHING REMOVABLE PART TYPE 750 IR- 36KV(M.G.SUPPLY) NOTICE 90588.	
04-01-01373	HOREN 110 V D.C.25 WAAT (TYPE FL 35).	
04-01-01374	33 KV V.T. 33000 / 110 50 VA GLASS 0.5 (TYPE TPF400).	
04-01-01375	HRC FUSES 11KV (20,40,63,80&100) AMP	
04-01-01376	MCCB 400VOLT 3 PHASE (400 & 250)AMP	
04-01-01377	LOW TENSION PILLERS	
04-01-01378	LOW TENSION METER BOX	
04-01-01379	LOW VOLTAGE CABLE 3X240+120 MM2 ARMoured	
04-01-01380	LOW VOLTAGE CABLE 1X95 MM2	
04-01-01381	LOW VOLTAGE CABLE 1X150 MM2	
04-01-01382	LOW VOLTAGE CABLE 3X150+70 MM2 ARMoured & UNARMoured	
04-01-01383	LOW VOLTAGE CABLE 3X95+50 MM2 ARMoured & UN ARMoured	
04-01-01384	LOW VOLTAGE CABLE 2X1.5MM2	
04-01-01385	LOW VOLTAGE CABLE 2X2.5 MM2	
04-01-01386	LOW VOLTAGE CABLE 3X70+35 MM2 ARMoured & UN ARMoured	
04-01-01387	LOW VOLTAGE CABLE 4X10 MM2 ARMoured & UN ARMoured	
04-01-01388	LOW VOLTAGE CABLE 4X16 MM2 ARMoured & UN ARMoured	
04-01-01389	LOW VOLTAGE CABLE 4X25 MM2	
04-01-01390	BI-METAL CONNECTOR 210/120	
04-01-01391	PARALL GROVE CLAMB	
04-01-01392	BI-METAL CONNECTOR 95/50 & 25 /10	
04-01-01393	MID SPAN JOINT FOR CONDUCTOR 210/35 &120/20	
04-01-01394	SPARE PARTS FOR HUNGARIAN S/S :- CIRCUIT BREAKER 11 KV WITH SPARE PARTS	
04-01-01395	33 KV SWITCH GEAR KIOSK TYPE IN-OUT COMPRESING 2 PANEL 800A 125KA WITH SPARE PARTS	
04-01-01396	PUTASIOUM HYDROXIDE (KOH) FOR BATTERY	
04-01-01397	SILICAGEL IN TINS OF CAPACITY 5 KG FOR EACH	
04-01-01398	HIGH VOLTAGE TAPE FOR REPARING CABLES	
04-01-01399	1X 150 , 1X70 MM SINGLE CORE CABLE 12-20 KV	
04-01-01400	OVER HEAD AVR 11KV	
04-01-01401	COPPER WIRE 50 MM2	
04-01-01402	BUS BAR BOX (OUTDOOR)	
04-01-01403	EARTH ROD (2M) WITH CONNECTOR	

04-01-01404	STAY ROD	
04-01-01405	STAY WIRE	
04-01-01406	OIL PURIFIER WITH SPARE PARTS	
04-01-01407	RECOMMENDED SPARE PARTS FOR OIL PURIFIER (MAS 2500 & MAS 3500)	
04-01-01408	PRIMARY INJECTION	
04-01-01409	SECONDARY INJECTION	
04-01-01410	OIL INSULATION TESTER	
04-01-01411	HIGH TENSION TESTER	
04-01-01412	AVO METER	
04-01-01413	MAGGER	
04-01-01414	CLAMP METER + P.F. METER	
04-01-01415	TRANSFORMATION RATIO TESTER	
04-01-01416	EARTHING RESISTANCE TESTER	
04-01-01417	OVER HEAD PROJECTER	
04-01-01418	VIDEO - TAPE WITH THE CAMERA	
04-01-01419	PHOTOGRAPHI CAMERA	
04-01-01420	RECORDER WITH THE MICROPHONE	
04-01-01421	CD - PROJECTER (DATA SHOW)	
04-01-01422	POWER FACTOR IMPROVMENT EQUIPMENT FOR L.T NETWORK 100 & 200 KVAR	
04-01-01423	POWER FACTOR IMPROVMENT EQUIPMENT FOR M.V. NETWORK 100, 200 &300	
04-01-01424	CAPACITOR 0.4 KV (OUTDOOR) 5 ,10, 20 &25 KVAR	
04-01-01425	DOUBLE SECTION ROPE OPERATED LADDERS (FIBER GLASS) 2X4.5 M & 2X6M	
04-01-01426	SAFETY EQUIPMENT	
04-01-01427	SAFETY LINE MAN BELT	
04-01-01428	DISCONNECTING HOT STICKS	
04-01-01429	TEST HOT STICK	
04-01-01430	PORTABLE EARTH	
04-01-01431	INSULATING RUBBER GLOVES 1KV,11KV &33KV	
04-01-01432	PROTECTIVE DRESS	
04-01-01433	HELMET (FIBER CLASS)	
04-01-01434	PROTECTIVE SHOES	
04-01-01435	REHABILITATION OF SECTOR NETWORK	
04-01-01436	REHABILITATION OF OLD SUBSTATION	
04-01-01437	REHABILITATION &INSTALLATION OF NEW TELCOMMUNICATION EQUIPMENT FOR VOICE ,DATA AND PROTECTION OF POWER LINES	
04-01-01438	ELECTRICITY DISPATCH CONTRL CENTERS FOR DISTRIBUTION ELECTRICAL NETWORK REHABILITATION & INSTALLATION OF NEW) CENTERS)	
04-01-01439	SPARE PARTS FOR SCANIA TRUCKS	
04-01-01440	TYRE'S TYPE 1400X20X20 , 1200X22.5X16 , 1000X15X18 , 700X12X12 & 750X16X14	
04-01-01441	AC CAPACITOR 220 V 50HZ 10MF & 25MF	
04-01-01442	CRANE BRIDGE 5-10 TON WIDTH 18M , HEIGHT 6M	
04-01-01443	INSULATION OIL CHEMICAL TEST SET	
04-01-01444	BATTERY IMPEDANCE TEST EQUIPMENT	
04-01-01445	KWH - METER TEST AND CALIBRATION SYSTEM	
04-01-01446	INSULATION POWER FACTOR TEST SET (TANDELTA)	
04-01-01447	L.V. CIRCUIT BREAKER TEST SET	
04-01-01448	SF6 GAS PRESSURE TESTER	
04-01-01449	SEQUENCE TESTER FOR L.V.	
04-01-01450	SF6 GAS LEAK DETECTOR	
04-01-01451	LIVE EQUIPMENT ALARM	
04-01-01452	CIRCUIT BREAKER 11KVWITH SPARE PARTS FOR HUNGARIAN S/S	
04-01-01453	LIGHTING CONTROL PANEL POLE MOUNTED : SINGLE PHASE 230 V, 80 AMP & 3 THREE PHASE 400 V , 100 AMP	
04-01-01454	MUTIPLEXER	
04-01-01455	DIGITAL RADIO EQUIPMENT (POINT TO MULTI POINT)WITH ACCESSORIES	
04-01-01456	COMMUNICATION STRAIGHT JOINT FOR COPPER WIRE WITH SPECIAL TOOLS	
04-01-01457	DIGITAL RADIO EQUIPMENT (POINT TO POINT)WITH ACCESSORIES	
04-01-01458	PHASE DISPLACEMENT TESTER 11 KV	
04-01-01459	SPARE PARTS FOR 33/11 KV S/S	

04-01-01460	SPARE PARTS FOR SIEMENS NETWORK	
04-01-01461	ELECTRICITY DISPATCH CENTERS REHABILITATION & INSTALLATION OF NEW CENTERS	
04-01-01462	SAVING ENERGY LAMPS	
04-01-01463	11/0.4 KV DIST. TRASFORMERS 100-250-400-630 & 1000 KVA WITH SPARE PARTS.	
04-01-01464	TOWERS TYPE (1C,1C3,1C2,1E,1E+3,1EC,1H,1H3,1HC,1L)	
04-01-01465	DEHYDRATING AGENT SILICAGEL IN TINS OF CAPACITY 5 KG FOR EACH	
04-01-01466	BATTERYCHARGER 12 V.D.CT	
04-01-01467	REHABILITATION OF OLD ELECTRICAL NETWORK	
04-01-01468	TANKER 16000-20000 LITTER WITH RECOMMENDED SPARE PARTS	
04-01-01469	REFRACTORY FOR E.A.F. 22.5 TON & FOR SLIDING GATE & FOR VOD LDDLE 22.5 TON AND GAS STEERING	
04-01-01470	MATERIL , CK 35 , CK 45 , 41CR4 , 42CRMO4 , 25CRMO4 , CK 60 , ST STEEL SUS 316.	
04-01-01471	SLITTING MAEHINE (2) , ROLLING MAHINE (2) , BENDING MACHINE (1), FOR STEEL PLATE (1) AND COMPLETE LINE FOR PRODUCING FALSE CEILING	
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.	
04-01-01473	OVER HEAD CREANS	
04-01-01474	PLATE STEEL 37.	
04-01-01475	AMBULANCES	
04-01-01476	FIRE FIGHTING VEHICLES	
04-01-01477	CURRENT TRANSFORMER 12KV 150-300/5/5A (JAPAN S/S)	
04-01-01478	CURRENT TRANSFORMER 12KV 300-600/5/5 (JAPAN S/S)	
04-01-01479	BENDING MACHINE 3-6MM	
04-01-01480	SHEARING MACHINE	
04-01-01481	SPOT WELDING MACHINE	
04-01-01482	PUNCH MACHINE SIZE 0.5 INCH - 1.5 INCH	
04-01-01483	PORTABLE GRIND MACHINE	
04-01-01484	ELECTRICAL WELDING MACHINE	
04-01-01485	FIXED DRILL MACHINE 2-4 CM	
04-01-01486	PIPE BEND MACHINE	
04-01-01487	ACID OIL TESTER (TRANSFORMER OIL)	
04-01-01488	TEST AND CHECK CAPACTTOR TESTER	
04-01-01489	PRIMARY INJECTION CURRENT FOR LOW TENSION CIRCUIT BREAKERS CAPACITY 10KA	
04-01-01490	DIESEL SAW FOR CUTITING TREES	
04-01-01491	KOH (POTASIMUM HIDROXID FOR ALKLINE BATTERIES	
04-01-01492	GRAIN ORIENTED SILICON STEEL	
04-01-01493	COLD ROLLED CARBON STEEL STRIP	
04-01-01494	COPPER WIRE (BARE , ENAMILLED , PAPER INSULATED)	
04-01-01495	COPPER STRIP ROLL & SHEET FOR TRANSFORMERS	
04-01-01496	TAP CHANGER. CONTROL PANNELS WITH SPARE PARTS	
04-01-01497	BUSHING FOR TRANSFORMERS	
04-01-01498	HOT ROLLED STEEL SHEET	
04-01-01499	HOT ROLLED STEEL SHAPES	
04-01-01500	CARBON STEEL PIPES AND ROD	
04-01-01501	SEMI FINISHED PARTS FOR TRANSFORMERS	
04-01-01502	OIL	
04-01-01503	COPPER ROD 8mm	
04-01-01504	ALUMINIUM WIRE ROD	
04-01-01505	PRESTRESS REINFORCED STEEL WIRE DIAM. 7.4mm	
04-01-01506	GALV. ST. SHEET 0.6 - 3.2MM	
04-01-01507	PRECOATED ST. STR. 0.5 X 1000 X ROLL	

IAL PURPOSE EQUIPMENT AND TOOLS

CODE	ITEM	
04-01-01508	CARS, PICKUPS, LORRIES	
04-01-01509	CRANES AND LIFTING DEVICES	
04-01-01510	TANKERS FOR CHEMICAL TRANSPORTATION AND FOR WATER TREATMANT	

04-01-01511	AMBULANCE CARS	
04-01-01512	FIRE FIGHTING VEHICLES	
04-01-01513	CONCRETE BATCH PLANT WITH ACCESSARIES	
04-01-01514	CONCRETE TRUCK MIXER	
04-01-01515	CONCRETE LIFTING PUMPS , HEAD 16-45 METER	
04-01-01516	CIVIL ENGINEERING SURVEY TOOLS AND TEST EQUIPMENT	
04-01-01517	REINFORCEMENT STEEL OF DIFFERENT SIZES	
04-01-01518	WELDING ELECTRODES OF DIFFERENT SIZES	
04-01-01519	SHUTTERING WOOD OF DIFFERENT SIZES	
04-01-01520	METEL SHEET FOR CIVIL CONSTRUCTION OF DIFFERENT SIZES	
04-01-01521	SHOVELS OF DIFFERENT TYPE	
04-01-01522	SPARE PARTS GEC RUSTON DIESEL	
04-01-01523	SPARE PARTS CUMMING N,NT,NTA 855	
04-01-01524	SPARE PARTS BRUSHLESS A.C GENERATOR CONTROL PANAL FOR DIESEL GENERATOR SETFOR CAPACITY 1100KVA, 1000KVA,600KVA & 30KVA	
04-01-01525	SPARE PARTS FOR NISSAN DIESEL RD8U.D	
04-01-01526	COMPUTER NETWORKING SYSTEM AND ITS ACCESSORIES	
04-01-01527	SPARE PARTS FOR COMPUTER	
04-01-01528	INFOCUS LP930 WITH ITS ACCESSORIES	
04-01-01529	INSTRUMENTS FOR MEASURING AND TESTING EQUIPMENTS FOR ELECTRONIC LABORATARY.	
04-01-01530	SOLDERING AND DESOLDERING STATION	
04-01-01531	EXECUTIVE STYLE TOOL CASES WITH ACCESSORIES AND TOOLS	
04-01-01532	ELECTRONIC LAB TEST BENCH	
04-01-01533	INSTANT SOLDERING STATION WITH ACCESSORIES	
04-01-01534	INDUSTRIAL PROCESSORS FOR CONTROL SYSTEM OF POWER PLANTS	
04-01-01535	ELECTRONIC COMPONENTS FOR MAINTAINCE OF ELECTRONIC BOARDS OF POWER STATION	
04-01-01536	CONTROL AND DATA CABLES	
04-01-01537	ELECTRONICALLY CONTROLLED SOLDERING STATION	
04-01-01538	FORM PRINTING MACHINE	
04-01-01539	FORM COLLECTING MACHINE	
04-01-01540	CUTTING MACHINE	
04-01-01541	SHEET OFFSET PRINTING	
04-01-01542	PAPER PRESS SYSTEM	
04-01-01543	FORM PAPER	
04-01-01544	LAPTOP PORTABLE COMPUTER WITH COMMUNICATION MODULE	
04-01-01545	GIS SYSTEM WIYH TWO WORKSTATIONS	

IL HYDRO POWER STATION (4X65) MW

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

SECTION -F- 44 WIND TURBINE GENERATOR STATION

CODE	ITEM
04-01-01564	MATERIAL AND EQUIPMENT FOR CIVIL ENGINEERING AND CONSTRUCTION
04-01-01565	TURBINE WITH ACCESSORIES
04-01-01566	GENERATOR WITH ACCESSORIES
04-01-01567	ELECTRICAL SYSTEM
04-01-01568	CONTROL SYSTEM

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

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

SECTION -G 46- MISSELLENOUS EQUIPMENT

CODE	ITEM
04-01-01572	WINDMILL POWER GENERATION UNITS 100KW – 5MW
04-01-01573	PHOTO VOLTAIC SOLAR PANEL WITH BATTERY CHARGING CONTROL UNIT 100-2000 WATT
04-01-01574	TRAILERS 40-70 TON
04-01-01575	LOW LOADER 50-150 TON
04-01-01576	EQUIPMENT FOR ESTABLISHING WORKSHOP FOR REWINDING H.V. MOTORS
04-01-01577	SMALL DIESEL ELECTRIC GENERATORS (5 , 10 , 15) KVA WITH SPARE PARTS AND EQUIPMENT FOR ESSEMBLY AND REPAIR
04-01-01578	SPARE PARTS FOR OXYGEN COMPRESSOR
04-01-01579	SPARE PARTS FOR AIR COMPRESSOR
04-01-01580	NEW 400KV SUBSTATION ALAMEEN
04-01-01581	NEW 400KV SUBSTATION BAGHDAD CENTER
04-01-01582	STEEL PLATES (DIFF. SIZES)
04-01-01583	STEEL ANGLES , STEEL 52
04-01-01584	STEEL ANGLES , BOLTS , NUTS AND WASHERS
04-01-01585	SPARE PARTS FOR DIESEL GENERATOR
04-01-01586	PC- COMPUTERS (FILE SERVERS)
04-01-01587	PC- COMPUTERS (WORK STATIONS)
04-01-01588	PRINTERS (EPSON LQ 2180) AND RIBBON
04-01-01589	RIBBON FOR PRINTER (MT691)
04-01-01590	MULTIMEDIA EDUCATIONAL NETWORK SYSTEM
04-01-01591	PROJECTER INFOCUS (1100 LUMENS OR MORE)
04-01-01592	COMPUTER TRAINING LAB.
04-01-01593	ELECTRONICS WORKSHOP
04-01-01594	UPS (5 KVA) , 2 KVA
04-01-01595	SPARE PART FOR SKYLIFT TYPE M.A.N. (ROTHMAN) AND TYPE INTERNATIONAL
04-01-01596	PAPER IN ROLE
04-01-01597	CARBON ROLE
04-01-01598	INK
04-01-01599	GUM
04-01-01600	PAPER TAPE
04-01-01601	COMPRESSER : MODEL 30 GA 040 B250 400V , PH=3 H2=50 37A 20 SKW 1500 R/MIN 31 BAR
04-01-01602	CONDENCER FANS * DIAMEFER : 762 MM * SPEED : 950 RPM * TOTAL AIR QUANTITY : 43600 M3/N
04-01-01603	CONDECERS :

	* FIN SPARING : 2.5MM * NUMBER OF ROW/PER ELEMENT : 4 * FALEAREA : 5.61M2	
04-01-01604	EXPANSION VALVE : XB 1019 HW100 1B ALCO COMPANY	
04-01-01605	AMBALANCE CAR	
04-01-01606	MOBILE G.T AUXILIARIES & CONTROL CARDS FOR DIBIS GAS TURBUNE , MOSUL GAS TURBINE AND MULLA ABDULLA GAS TURBINE POWER STATION .	
04-01-01607	MOBILE G.T COMBUSITION & TURBINE EQUIPMENTS FOR DIBIS GAS TURBUNE , MOSUL GAS TURBINE AND MULLA ABDULLA GAS TURBINE POWER STATION .	
04-01-01608	MOBILE G.T REHABILITATION & ENGINEERING SERVICE FOR DIBIS GAS TURBUNE , MOSUL GAS TURBINE AND MULLA ABDULLA GAS TURBINE POWER STATION .	
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 .	
04-01-01610	MOBILE G.T INTAKE AIR SYSTEM FOR DIBIS GAS TURBUNE , MOSUL GAS TURBINE AND MULLA ABDULLA GAS TURBINE POWER STATION .	
04-01-01611	STAINLESS STEEL SHEET	
04-01-01612	SPARE PARTS FOR M/C	
04-01-01613	TESTING EQUIPMENT	
04-01-01614	INS. FLEXIEBLE WIRES & CABLES	
04-01-01615	WELDING RODS	
04-01-01616	COATING MATERIAL	
04-01-01617	NITRIL & CORKPREN SHEETS	
04-01-01618	FASTENERS & NUTS , WASHERS	
04-01-01619	INSULATING MATERIALS	
04-01-01620	PRESTRESSING REINFORCEMENT STEEL WIRE DIAM . 7.4mm	
04-01-01621	WEDGES TYPE, 81 - 001.07 FOR 7.4mm ROUND WIRE	
04-01-01622	CROSS WIRING MILD STEEL (BLACK) WIRE OF COMMERCIAL QUALITY 3mm DIAM. IN COILS OF 600mm DIAM.	
04-01-01623	CIRCULAR CONSTRUCTION YOKES WELDABLE REINFORCMENT BARS 4mm OF COMMERCIAL QUALITY.	
04-01-01624	MOULD (FORGED STEEL) FOR PRODUCING CONCRETE POLES (9)m LENGTH.	
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 .	
04-01-01626	INDUSTRIAL PROCESSORS FOR CONTROL SYSTEM OF POWER PLANTS	
04-01-01627	PROTO TYPE PCB SYSTEM	
04-01-01628	SPARE PARTS FOR TALLY PRINTER	
04-01-01629	SCANNER LG 9600 DP	
04-01-01630	REHABILITATION OF DIFFERENT POWER STATIONS	
04-01-01631	DIESEL POWER STATIONS OF DIFFERENT SIZES.	
04-01-01632	MOBILE SUBSTATION 132/33 KV	
04-01-01633	MOBILE SUBSTATION 132/11 KV	
04-01-01634	MOBILE SUBSTATION 33/11 KV	