

CODE	Item No.	DESCRIPTION	QTY	UNIT
		POWER HOUSE BUILDING, INCL. E/G FOUNDATION		1 group
04-57-60001	1	Main steel structure (Pre-fabricated)	88	tons
04-57-60002	2	Secondary steel structure, stairs & gangways (Pre-fabricated)	24	tons
04-57-60003	3	Secondary steel structure, stairs & gangways (Pre-fabricated)	7	tons
04-57-60004	4	Doors, windows and gates	2	lots
04-57-60005	5	Doors, windows and gates	2	lots
04-57-60006	6	Reinforcement for concrete	47	tons
04-57-60007	7	Cement for foundation	180	tons
04-57-60008	8	Clading	2400	m2
04-57-60009	9	Insulation material	2400	m2
04-57-60010	10	Paint	1200	litre
04-57-60011	11	Grout	3	tons
04-57-60012	12	Cement for blocks	35	tons
04-57-60013	13	Suspended ceiling	240	m2
04-57-60014	14	Tiles	65	m2
04-57-60015	15	Gutter + down pipes	150	m
04-57-60016	16	Floor gullies	6	nos
04-57-60017	17	Ridge ventilation	2	lots
04-57-60018	18	Water system pipes	250	m
04-57-60019	19	Cranes	2	lots
04-57-60020	20	Sewer system pipes	175	m
04-57-60021	21	Cast in items	3	tons
04-57-60022	22	Hollow Blocks	400	m ²
04-57-60023	23	Accessories for sanitary installation	3	lots
		TANK FARM		1 group
04-57-60024	24	Reinforcement bars	14	tons
04-57-60025	25	Cement	49	tons
04-57-60026	26	Cast in items	2	tons
04-57-60027	27	Steel for D.O. tank (2 x 2.2003) Pre-rolled	110	tons
04-57-60028	28	Paint for tank	5000	litre
04-57-60029	29	Accessories for tank	3	lots
		ADMINISTRATION BUILDING		1 group
04-57-60030	30	Reinforcement bars	8	tons
04-57-60031	31	Cement	30	tons
04-57-60032	32	Doors and windows	2	lots
04-57-60033	33	Doors and windows	2	lots
04-57-60034	34	Cast in items	1	tons
04-57-60035	35	Paint	1000	litre
04-57-60036	36	Accessories for sanitary installation	2	lots
04-57-60037	37	Cement for blocks	32	tons
04-57-60038	38	Tiles	20	m2

04-57-60039	39 Gutter + down pipes	12 m
04-57-60040	40 Hollow Blocks	350 m ²
	SECURITY GATE HOUSE	1 group
04-57-60041	41 Reinforcement bars	2 tons
04-57-60042	42 Cement	3 tons
04-57-60043	43 Doors and windows	2 lots
04-57-60044	44 Cast in items	2 lots
04-57-60045	45 Hollow Blocks	130 m ²
04-57-60046	46 Accessories for sanitary installation	2 lots
	RADIATOR COOLER AREA	1 group
04-57-60047	47 Reinforcement bars	3 tons
04-57-60048	48 Cement	30 tons
04-57-60049	49 Cast in items	2 ton
	FUEL TREATMENT BUILDING	1 group
04-57-60060	50 Reinforcement bars	1 tons
04-57-60051	51 Cement	2 tons
04-57-60052	52 Doors and windows	2 lots
04-57-60053	53 Cast in items	2 lots
04-57-60054	54 Hollow Blocks	1 group
04-57-60055	55 Accessories for sanitary installation	2 lots
	EXTERNAL WORKS	1 group
04-57-60056	56 Pipes and accessories for drain system	200 m
04-57-60057	57 Pipes and accessories for water system	300 m
	OTHERS	1 group
04-57-60058	58 Rented tools/equipment for civil work construction	4 lots
04-57-60059	59 Rented tools/equipment for civil work construction	4 lots
04-57-60060	60 Dumper	2 lots
04-57-60061	61 Backhoe excavator	2 lots
04-57-60062	62 Vibrators, concrete	4 lots
04-57-60063	63 Levelling beam	2 lots
04-57-60064	64 Steel troweller machine	2 lots
04-57-60065	65 Test equipment	2 lots
04-57-60066	66 Test equipment	2 lots
04-57-60067	67 Cutting and bending machine	2 lots
04-57-60068	68 Shuttering	2 lots
04-57-60069	69 Fencing, temporary	350 m
04-57-60070	70 Formwork	2 lots
04-57-60071	71 Formwork	2 lots
04-57-60072	72 Handtools	4 lots
04-57-60073	73 Handtools	4 lots
04-57-60074	73 Plate vibrators	2 lots
04-57-60075	74 Gravel	1 group
04-57-60076	75 Gates	4 lots
04-57-60077	76 Furniture for administration building and control room	4 lots
04-57-60078	77 Furniture for administration building and control room	4 lots
	GENERATOR SET	1 group

04-57-60079	1 Diesel engines MAN B&W & accessories 11,200x3,300x4,000	4 pc
04-57-60080	2 Accessories for diesel engine	4 lots
04-57-60081	3 Generator synchronous alternator including excitation system 4,300x3,130x3,000	4 pc
04-57-60082	4 Accessories for generator FUEL OIL SYSTEM	4 lots 1 group
04-57-60083	5 HFO buffer/settling tank Ø2,200x3,500	1 pc
04-57-60084	6 DO storage/buffer tank Ø3,000x3,500	1 pc
04-57-60085	7 HFO service tank Ø2,500x3,500	4 pc
04-57-60086	8 DO service tank Ø2,800x3,500	1 pc
04-57-60087	9 HFO transfer pump unit 2,200x2,100x1,500	1 pc
04-57-60088	10 DO transfer pump unit 2,200x2,100x1,500	1 pc
04-57-60089	11 HFO/DO separator unit 2,000x2,000x1,800	1 pc
04-57-60090	12 DO separator unit 2,000x2,000x1,800	1 pc
04-57-60091	13 DO supply unit 2,000x1,500x1,500	4 pc
04-57-60092	14 Fuel booster units and FO venting tank 2,000x1,500x1,500	4 pc
04-57-60093	15 FO drain tank and FO drain transfer pumps 2,200x1,800x1,700	4 pc
04-57-60094	16 Pipes, valves, instruments, supports, gasket, bolts and nuts, compensator, cladding, insulation, damper, duct etc. LUB. OIL SYSTEM	4 lots 1 group
04-57-60095	17 Lub. oil cooler 1,500x800x1,800	4 pc
04-57-60096	18 Automatic back-flushing filter 1,500x1,500x1,600	4 pc
04-57-60097	19 Lub. oil separator units 3,600x2,000x1,800	1 pc
04-57-60098	20 Pipes, valves, instruments (Supports) etc. 2,000x3,000x2,000	1 lot
04-57-60099	21 Pre-lub oil pump 1,000x1,000,1000	4 pc
04-57-60100	22 Hand Wing Pumps 1,000x1,000,1000	4 pc
04-57-60101	23 Pipes, valves, instruments, supports, gasket, bolts and nuts, compensator, cladding, insulation, damper, duct etc. COOLING WATER SYSTEM	4 lots 1 group
04-57-60102	24 LT cooling water pumps 800x800x600	4 pc
04-57-60103	25 Radiator coolers 10,570x2,300x1,500	4 pc
04-57-60104	26 Inhibitor tank (LT) Ø800x1,000	4 pc
04-57-60105	27 Inhibitor tank (HT) Ø800x1,000	4 pc
04-57-60106	28 Expansion tanks (LT) 800x500x700	4 pc
04-57-60107	29 Expansion tanks (HT) 800x500x700	4 pc
04-57-60108	30 HT cooling water preheaters 1,000x1,000x1,000	4 pc
04-57-60109	31 Preheater pumps 1,000x1,000x1,000	4 pc
04-57-60110	32 Pipes, valves, instruments, supports, gasket, bolts and nuts, compensator, cladding, insulation, damper, duct etc. MAKE-UP AND SERVICE WATER SYSTEM	4 lots 1 group
04-57-60111	33 Water tank Ø2,500x5,000	1 pc
04-57-60112	34 Pressure water tank Ø800x1,300	1 pc
04-57-60113	35 Make-up water pump 700x800x700	1 pc

04-57-60114	36 Pipes, valves, instruments, supports, gasket, bolts and nuts, compensator, cladding, insulation, damper, duct etc. COMPRESSED AIR SYSTEM	3 lots 1 group
04-57-60115	37 Starting air compressor, electric 1,100x1,000x1,200	1 pc
04-57-60116	38 Starting air compressor, electric 1,100x1,000x1,200	1 pc
04-57-60117	39 Starting air receiver Ø800x1,500	4 pc
04-57-60118	40 Control/service air receiver Ø1,800x2,000	2 pc
04-57-60119	41 Control/service air dryer 700x800x700	1 pc
04-57-60120	42 Pipes, valves, instruments, supports, gasket, bolts and nuts, compensator, cladding, insulation, damper, duct etc. COMBUSTION AIR AND EXHAUST GAS SYSTEM	4 lots 1 group
04-57-60121	43 Air intake oil bath filter 2,500x2,000x2,000	4 pc
04-57-60122	44 Exhaust gas silencer Ø2,100x6,000	4 pc
04-57-60123	45 Pipes, valves, instruments, supports, gasket, bolts and nuts, compensator, cladding, insulation, damper, duct etc. DRAIN WATER SYSTEM	4 lots 1 group
04-57-60124	46 Drain pit pumps 800x700x700	2 pc
04-57-60125	47 Oil Water Separator 1,000x1,000x1,000	1 pc
04-57-60126	48 Waste oil pump for oil/water separator 700x800x700	1 pc
04-57-60127	49 Pipes, valves, instruments, supports, gasket, bolts and nuts, compensator, cladding, insulation, damper, duct etc. VENTILATION SYSTEM, ENGINE HALL	2 lots 1 group
04-57-60128	50 Ventilation air intake units 2,000x2,000x2,000	6 pc
04-57-60129	51 Engine hall extraction units Ø1,600x15,000	3 pc
04-57-60130	52 Ventilation auxiliary equipment	3 lots
04-57-60131	53 Pipes, valves, instruments, supports, gasket, bolts and nuts, compensator, cladding, insulation, damper, duct etc. VENTILATION SYSTEM, AIR CONDITIONING	3 lots 1 group
04-57-60132	54 A/C ventilation units 1,200x1,000x1,000	10 pc
04-57-60133	55 Heating panels 1,200x300x300 BLACK START SYSTEM	10 pc 1 group
04-57-60134	56 Diesel Engine driven Black Start Genset 1,500x1,000x1,000 FIRE DETECTION AND FIRE FIGHTING SYSTEM	1 pc 1 group
04-57-60135	57 Portable fire extinguishers	3 lots
04-57-60136	58 Fire detection and alarm system OTHERS	2 lots 1 group
04-57-60137	59 Bulk material i.e. bolt, nuts etc. 10x20" container	10 lots
04-57-60138	60 Rented erecton & test equipment 6x20" container	6 lots
04-57-60139	61 Spare Parts for Engines and Auxiliary equipment 2x20" container	2 lots
04-57-60140	62 Spare Parts for Engines and Auxiliary equipment 2x20" container	2 lots
04-57-60141	63 Workshop hand tools and equipment	2 lots
04-57-60142	64 Workshop machine tools and equipment	2 lots
04-57-60143	65 Laboratorie equipment	2 lots

04-57-60144	1 Generator neutral point system 2xx1x2m	1 pc
04-57-60145	2 11 kV switchboard including protection relays 9x2x2.2m	1 pc
04-57-60146	3 Station auxilliary transformer 2x2x2.4m	2 pc
04-57-60147	4 LV main distribution switchboard x50.9x2.3 m	1 pc
04-57-60148	5 LV diesel auxilliary switchboard 4x0.8x2.3 m	5 pc
04-57-60149	6 LV common/building switchboard 3x0.8x2.3 m	1 pc
04-57-60160	7 LV fuel treatment auxilliary switchboard 2x0.8x2.3 m	1 pc
04-57-60151	8 110/24 V DC power supply system	1 lot
04-57-60152	9 50 V DC power supply system for telecommunication	1 lot
04-57-60153	10 Metering panel 1x1x2 m	1 pc
04-57-60154	11 Lighting and small power system	6 lots
04-57-60155	12 Set of cables and installation materials including grounding system	6 lots
04-57-60156	13 Distributed control system (DCS)	3 lots
04-57-60157	14 Uninterruptible power supply (UPS) 1.5x1x1 m	1 pc
04-57-60158	15 Local diesel control panel 2x1x1.5 m	3 pc
04-57-60159	16 Central control panel 4x1x2 m	1 pc
04-57-60160	17 Spare parts	2 lots
04-57-60161	18 Rented erection tools	2 lots
04-57-60162	19 Rented test equipment	2 lots
04-57-60163	20 Station Earth System	2 lots
04-57-60164	21 Lightning Protecting System	2 lots
04-57-60165	22 Small panels and junction boxes	4 lots
04-57-60166	1 Car 4x4 Double Cabin 20' Container	1 pc
04-57-60167	2 Car 4x4 pick up 20' Container	1 pc
04-57-60168	3 Lubrication oil for commissioning 20' Container	2 pc
04-57-60169	4 Lubrication oil for 2 years operation 20' Container	35 pc
04-57-60170	5 Documentation and manuals	4 lots
04-57-60171	6 Office equipment for site office	4 lots
04-57-60172	7 Furniture for expatriate personnel	4 lots
04-57-60173	8 Training equipment, TV, overhead, maunuals etc.	2 lots
04-57-60174	9 Food and beverages for expatriate personnel	12 lots

CODE	Item No.	DESCRIPTION	QTY	UNIT
04-57-60175	1	Radiator Cooler Switchboards	4	pc
04-57-60176	2	LV Building Service Switchboard	1	pc
04-57-60177	3	Lighting and Small Power Switchboard ADM. Bldg	1	pc
04-57-60178	4	Lighting and Small Power Switchboard Others	2	lots
04-57-60179	5	Local Control Boxes	2	lots
04-57-60180	6	Telephone System	2	lots
04-57-60181	7	Ventilation Switchboards	4	pc
04-57-60182	8	Tools for erection of Tank Farm (To be reexported)	2	lots
04-57-60183	9	Tools & Scaffolding for erection of Power House Building (To be reexported)	2	lots
04-57-60184	1	Glycol (cooling liquid) in 210 litre drums	65	pc
04-57-60185	2	Oil resistant sealant, with tools, personal protection and accessories for its application	3	lots

04-57-60186		Spare Parts for Engines and Auxiliary equipment:	16	lots
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