

GATEWAY I

ITEM	LOCATION	GENSET DESCRIPTION	QTY	UNIT COST PER VISIT IN KSH. VAT EXCL	TOTAL COST PER ONE YEAR IN KSH. VAT EXCL.(3 VISITS)	TOTAL COST FOR TWO YEARS IN KSH.VAT EXCL.
NORTH EASTERN REGION						
1	Thika Arcade	110kva, Perkins Engine,	1			
	Inspection	Gen Set Model-MBW110				
		Serial No.-				
		Engine Model-RJ-51175				
		Serial No.-U486116T				
WESTERN REGION						
2	E / House Kisumu	150kva, Perkins Engine	1			
	Inspection	Gen Set Model-P150E				
		Serial No.-03622A/001				
		Engine Model-YD-50517				
		Serial No-U703584D				
MT KENYA REGION						
3	Nyeri Stima	110kva, Perkins engine	1			
	Inspection	Gen Set Model-MBW110				
		Serial No.-				
		Engine Model-RJ-51175				
		Serial No-U486114T				
4	Diana Center	80kva, Perkins Engine	1			
	Inspection	Gen set Model-MW580				
		Serial No.-PEE2527202				
		Engine Model- RS51277				
		Serial No.U564067W				
5	Embu Office	65kva, Perkins Engine	1			
	Inspection	Gen set Model-MW65				
		Serial No.-PEE2526908				
		Engine Model- DK51280				
		Serial No.U340752W				
6	Meru Office	80kva, Perkins Engine	1			
	Inspection	Gen set Model-MW80				
		Serial No.-PEE2526978				
		Engine Model- RS51277				
		Serial No.U564165W				
7	Kiganjo Substation	80kva, Perkins Engineer	1			
	Inspection	Gen set Model-P80P1				
		Serial No.-				
		FGWPEPP6LGTS6697				
		Engine Model- RS51294				
		Serial No.U485432T				
CENTRAL RIFT						
8	Nakuru E/ House	170kva, Deutz Engine	1			
	Inspection	Gen set Model-MSW170				

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		Serial No.-VEE2478533			
		Engine Model- BF6M1013EC DEUTZ			
		Serial No.10896826			
NORTH RIFT REGION					
9	Lessos Control Center	80kva, Perkins Engine	1		
	Inspection	Gen set Model-P80P1			
		Serial No.- FGWPEPP6HTS06703			
		Engine Model-RS51294			
		Serial No.485434T			
NAIROBI NORTH REGION					
10	Electricity House	500kva, Cummins engine	1		
	Inspection	Gen set Model-CUMMINS			
		Serial No.-X114120333			
		Engine Model-KTA19-G4			
		Serial No.41163887			
11	Stima Club	100kva, Perkins Engine	1		
	Inspection	Gen set Model-MSW110			
		Serial No.-PEE2526968			
		Engine Model-RJ51175			
		Serial No.U564372W			
COAST REGION					
12	Mombasa E/House	500kva, Cummins Engine	1		
	Inspection	Gen set Model-CDC- 500KVA			
		Serial No.-X114120301			
		Engine Model-KTA19-G4			
		Serial No.41166595			
13	Rabai Control Center	80kva, Perkins			
	Inspection	Gen set Model-P80P1			
		Serial No.- FGWPEPP6CGTS06705			
		Engine Model-RS51294			
		Serial No.4485433T			
TOTAL COST (KSHS)VAT EXCLUSIVE					

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LIST OF SPARES FOR 80 KVA PARKINS ENGINE					
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Electricity starter	1	No		
2	Thermostat seal	1	No		
3	Water temperature switch	1	No		
4	Thermostat	1	No		
5	Complete water pump	1	No		
6	Inlet valve	1	No		
7	Outlet valve	1	No		
8	Valve spring	1	No		
9	Fuel injector nozzle	1	No		
10	Fuel return gasket	1	No		
11	Injector seal	1	No		
12	Fan belt	1	No		
13	Top radiator hose	1	No		
14	Bottom radiator hose	1	No		
15	Piston rings set std	1	No		
16	Con rod bearing std	1	No		
17	Valve guide	1	No		
18	Rocker cover gasket	1	No		
19	Complete fuel injector	1	No		
20	Complete gasket set	1	No		
21	Oil pressure switch	1	No		
22	Pump, fuel feed	1	No		
23	Stop solenoid	1	No		
24	Oil pump	1	No		
25	Starting relay(solenoid)	1	No		
26	VALVE SEAL	1	No		
27	Inlet valve guide	1	No		
28	Outlet valve guide	1	No		
29	Fan, cooling	1	No		
30	ELEMENT SUB ASSY	1	No		
31	Starter Assy	1	No		
32	Solenoid & Nut set	1	No		
33	Switch Assay, thermo	1	No		
34	Switch, pressure	1	No		
35	ARMATURE SET	1	No		
36	Stator ASSY	1	No		
37	Radiator bracket	1	No		
38	Exhaust replacement	1	No		
39	Rectifier bridge	1	No		
40	Relay 240 v-panel	1	No		
41	Contacto coil panel	1	No		
42	Electric card module	1	No		
43	relay 12V-panel 70amp	1	No		
44	Voltage monitoring relay 12V	1	No		
45	Switch auto of panel	1	No		
46	Relay timer	1	No		
47	AVS30	1	No		

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48	Battery charger	1	No		
49	Battery NS70	1	No		
50	Battery NS200	1	No		
TOTAL PROVISIONAL COST					

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LIST OF SPARES FOR 65 KVA PARKINS ENGINE

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Electricity starter	1	No		
2	Thermostat seal	1	No		
3	Water temperature switch	1	No		
4	Thermostat	1	No		
5	Complete water pump	1	No		
6	Inlet valve	1	No		
7	Outlet valve	1	No		
8	Valve spring	1	No		
9	Fuel injector nozzle	1	No		
10	Fuel return gasket	1	No		
11	Injector seal	1	No		
12	Fan belt	1	No		
13	Top radiator hose	1	No		
14	Bottom radiator hose	1	No		
15	Piston rings set std	1	No		
16	Con rod bearing std	1	No		
17	Valve guide	1	No		
18	Rocker cover gasket	1	No		
19	Complete fuel injector	1	No		
20	Complete gasket set	1	No		
21	Oil pressure switch	1	No		
22	Pump, fuel feed	1	No		
23	Stop solenoid	1	No		
24	Oil pump	1	No		
25	Starting relay(solenoid)	1	No		
26	VALVE SEAL	1	No		
27	Inlet valve guide	1	No		
28	Outlet valve guide	1	No		
29	Fan, cooling	1	No		
30	ELEMENT SUB ASSY	1	No		
31	Starter Assy	1	No		
32	Solenoid & Nut set	1	No		
33	Switch Assay, thermo	1	No		
34	Switch, pressure	1	No		
35	ARMATURE SET	1	No		
36	Stator ASSY	1	No		
37	Radiator bracket	1	No		
38	Exhaust replacement	1	No		
39	Rectifier bridge	1	No		
40	Relay 240 v-panel	1	No		
41	Contacto coil panel	1	No		
42	Electric card module	1	No		
43	relaye 12V-panel 70amp	1	No		
44	Voltage monitoring relay 12V	1	No		

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45	Switch auto of panel	1	No		
46	Relay timer	1	No		
47	AVS30	1	No		
48	Battery charger	1	No		
49	Battery NS70	1	No		
50	Battery NS200	1	No		
TOTAL PROVISIONAL COST					

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LIST OF SPARES FOR 500 KVA CUMMINS ENGINE					
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Electricity starter	1	No		
2	Thermostat seal	1	No		
3	Water temperature switch	1	No		
4	Thermostat	1	No		
5	Complete water pump	1	No		
6	Inlet valve	1	No		
7	Outlet valve	1	No		
8	Valve spring	1	No		
9	Fuel injector nozzle	1	No		
10	Fuel return gasket	1	No		
11	Injector seal	1	No		
12	Fan belt	1	No		
13	Top radiator hose	1	No		
14	Bottom radiator hose	1	No		
15	Piston rings set std	1	No		
16	Con rod bearing std	1	No		
17	Valve guide	1	No		
18	Rocker cover gasket	1	No		
19	Complete fuel injector	1	No		
20	Complete gasket set	1	No		
21	Oil pressure switch	1	No		
22	Pump, fuel feed	1	No		
23	Stop solenoid	1	No		
24	Oil pump	1	No		
25	Starting relay(solenoid)	1	No		
26	VALVE SEAL	1	No		
27	Inlet valve guide	1	No		
28	Outlet valve guide	1	No		
29	Fan, cooling	1	No		
30	ELEMENT SUB ASSY	1	No		
31	Starter Assy	1	No		
32	Solenoid & Nut set	1	No		
33	Switch Assay, thermo	1	No		
34	Switch, pressure	1	No		
35	ARMATURE SET	1	No		
36	Stator ASSY	1	No		
37	Radiator bracket	1	No		
38	Exhaust replacement	1	No		
39	Rectifier bridge	1	No		
40	Relay 240 v-panel	1	No		
41	Contacto coil panel	1	No		
42	Electric card module	1	No		
43	relaye 12V-panel 70amp	1	No		
44	Voltage monitoring relay 1	1	No		

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45	Switch auto of panel	1	No		
46	Relay timer	1	No		
47	AVS30	1	No		
48	Battery charger	1	No		
49	Battery NS70	1	No		
50	Battery NS200	1	No		
TOTAL PROVISIONAL COST					

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LIST OF SPARES FOR 170 KVA DUETZ ENGINE

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Electricity starter	1	No		
2	Thermostat seal	1	No		
3	Water temperature switch	1	No		
4	Thermostat	1	No		
5	Complete water pump	1	No		
6	Inlet valve	1	No		
7	Outlet valve	1	No		
8	Valve spring	1	No		
9	Fuel injector nozzle	1	No		
10	Fuel return gasket	1	No		
11	Injector seal	1	No		
12	Fan belt	1	No		
13	Top radiator hose	1	No		
14	Bottom radiator hose	1	No		
15	Piston rings set std	1	No		
16	Con rod bearing std	1	No		
17	Valve guide	1	No		
18	Rocker cover gasket	1	No		
19	Complete fuel injector	1	No		
20	Complete gasket set	1	No		
21	Oil pressure switch	1	No		
22	Pump, fuel feed	1	No		
23	Stop solenoid	1	No		
24	Oil pump	1	No		
25	Starting relay(solenoid)	1	No		
26	VALVE SEAL	1	No		
27	Inlet valve guide	1	No		
28	Outlet valve guide	1	No		
29	Fan, cooling	1	No		
30	ELEMENT SUB ASSY	1	No		
31	Starter Assy	1	No		
32	Solenoid & Nut set	1	No		
33	Switch Assay, thermo	1	No		
34	Switch, pressure	1	No		
35	ARMATURE SET	1	No		
36	Stator ASSY	1	No		
37	Radiator bracket	1	No		
38	Exhaust replacement	1	No		
39	Rectifier bridge	1	No		
40	Relay 240 v-panel	1	No		
41	Contacto coil panel	1	No		
42	Electric card module	1	No		
43	relaye 12V-panel 70amp	1	No		
44	Voltage monitoring relay 12V	1	No		

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45	Switch auto of panel	1	No		
46	Relay timer	1	No		
47	AVS30	1	No		
48	Battery charger	1	No		
49	Battery NS70	1	No		
50	Battery NS200	1	No		
TOTAL PROVISIONAL COST					

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LIST OF SPARES FOR 150 KVA PARKINS ENGINE

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Electricity starter	1	No		
2	Thermostat seal	1	No		
3	Water temperature switch	1	No		
4	Thermostat	1	No		
5	Complete water pump	1	No		
6	Inlet valve	1	No		
7	Outlet valve	1	No		
8	Valve spring	1	No		
9	Fuel injector nozzle	1	No		
10	Fuel return gasket	1	No		
11	Injector seal	1	No		
12	Fan belt	1	No		
13	Top radiator hose	1	No		
14	Bottom radiator hose	1	No		
15	Piston rings set std	1	No		
16	Con rod bearing std	1	No		
17	Valve guide	1	No		
18	Rocker cover gasket	1	No		
19	Complete fuel injector	1	No		
20	Complete gasket set	1	No		
21	Oil pressure switch	1	No		
22	Pump, fuel feed	1	No		
23	Stop solenoid	1	No		
24	Oil pump	1	No		
25	Starting relay(solenoid)	1	No		
26	VALVE SEAL	1	No		
27	Inlet valve guide	1	No		
28	Outlet valve guide	1	No		
29	Fan, cooling	1	No		
30	ELEMENT SUB ASSY	1	No		
31	Starter Assy	1	No		
32	Solenoid & Nut set	1	No		
33	Switch Assay, thermo	1	No		
34	Switch, pressure	1	No		
35	ARMATURE SET	1	No		
36	Stator ASSY	1	No		
37	Radiator bracket	1	No		
38	Exhaust replacement	1	No		
39	Rectifier bridge	1	No		
40	Relay 240 v-panel	1	No		
41	Contact coil panel	1	No		
42	Electric card module	1	No		
43	relaye 12V-panel 70amp	1	No		
44	Voltage monitoring relay 12V	1	No		

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45	Switch auto of panel	1	No		
46	Relay timer	1	No		
47	AVS30	1	No		
48	Battery charger	1	No		
49	Battery NS70	1	No		
50	Battery NS200	1	No		
TOTAL PROVISIONAL COST					

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LIST OF SPARES FOR 100 KVA PARKINS ENGINE

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Electricity starter	1	No		
2	Thermostat seal	1	No		
3	Water temperature switch	1	No		
4	Thermostat	1	No		
5	Complete water pump	1	No		
6	Inlet valve	1	No		
7	Outlet valve	1	No		
8	Valve spring	1	No		
9	Fuel injector nozzle	1	No		
10	Fuel return gasket	1	No		
11	Injector seal	1	No		
12	Fan belt	1	No		
13	Top radiator hose	1	No		
14	Bottom radiator hose	1	No		
15	Piston rings set std	1	No		
16	Con rod bearing std	1	No		
17	Valve guide	1	No		
18	Rocker cover gasket	1	No		
19	Complete fuel injector	1	No		
20	Complete gasket set	1	No		
21	Oil pressure switch	1	No		
22	Pump, fuel feed	1	No		
23	Stop solenoid	1	No		
24	Oil pump	1	No		
25	Starting relay(solenoid)	1	No		
26	VALVE SEAL	1	No		
27	Inlet valve guide	1	No		
28	Outlet valve guide	1	No		
29	Fan, cooling	1	No		
30	ELEMENT SUB ASSY	1	No		
31	Starter Assy	1	No		
32	Solenoid & Nut set	1	No		
33	Switch Assay, thermo	1	No		
34	Switch, pressure	1	No		
35	ARMATURE SET	1	No		
36	Stator ASSY	1	No		
37	Radiator bracket	1	No		
38	Exhaust replacement	1	No		
39	Rectifier bridge	1	No		
40	Relay 240 v-panel	1	No		
41	Contacto coil panel	1	No		
42	Electric card module	1	No		
43	relaye 12V-panel 70amp	1	No		
44	Voltage monitoring relay 12V	1	No		

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45	Switch auto of panel	1	No		
46	Relay timer	1	No		
47	AVS30	1	No		
48	Battery charger	1	No		
49	Battery NS70	1	No		
50	Battery NS200	1	No		
TOTAL PROVISIONAL COST					

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