

FIJI ELECTRICITY AUTHORITY



TENDER SPECIFICATIONS

TENDER

TENDER NO: MR 100/2017

Supply of Caterpillar 3412C spares for Levuka Power station

Supply of Spares for Caterpillar 3412C generator at Levuka Power Station

Scope of Works

Fea invites bidders to bid for supplying spares for a **Caterpillar 3412C** gen-set located in Fea's Levuka Power Station.

The spares required are mentioned below:

MECHANICAL				
Area	Part Number	Parts Description	Quantity	Remarks
COOLANT SYSTEM	OR - 4680	PUMP GP -WATER	1	Caterpillar item
	109 -0073	SEAL - O - RING	12	Caterpillar item
	7C - 0307	GASKET	18	Caterpillar item
	109 - 0072	SEAL O RING	12	Caterpillar item
	112-3259	SEAL-O-RING, WATER MAN	6	Caterpillar item
	248 - 5513	THERMOSTAT, WATER 82°C	4	Caterpillar item
	4N - 1946	GASKET, W/PUMP	4	Caterpillar item
	109 - 0074	SEAL - O -RING, W/PUMP	8	Caterpillar item
	9L - 6924	GASKET	8	Caterpillar item
	1S - 4810	GASKET	8	Caterpillar item
	4J - 0522	SEAL O RING	8	
	2M - 5446	GASKET	8	Caterpillar item
CYLINDER HEAD ASSY	5D - 1253	HOSE, BREATHER	15 M	Caterpillar item
	4N - 2199	GASKET, COVER	3	Caterpillar item
	114 - 2687	SEAL	2	Caterpillar item
	216 - 4592	GASKET KIT, OIL COOLER	2	Caterpillar item
	5L - 3773	GASKET	1	Caterpillar item
	4F - 7390	SEAL O RING	8	Caterpillar item
	8C - 5196	SEAL O RING	16	Caterpillar item
	2M - 5446	GASKET	1	Caterpillar item
AFTER COOLER ASSY	124 - 7572	GASKET KIT, AFTERCOOLER	1	Caterpillar item
	112 - 8186	SEAL - O - RING, AFTER COOLER 1	1	Caterpillar item

	109 - 0076	SEAL - O RING AFTER COOLER 2	1	Caterpillar item
	6V - 3917	SEAL - O - RING, LINES AIR	1	Caterpillar item
	5K - 1770	SEAL O - RING, LINES AIR	1	Caterpillar item
TURBO CHARGER ASSY	6N - 9533	SHEILD ASSY - HEAT	1	Caterpillar item
	1S-6595	GASKET-OIL; TURBO	8	Caterpillar item
	114-2687	SEAL-O-RING;TURBO	8	Caterpillar item
	4P-2785	CARTRIDGE, TURBO; SIDE	2	Caterpillar item
	OR- 7157	CARTRIDGE, TURBO; SIDE	2	Caterpillar item
	102-0292	CARTRIDGE, TURBO; REAR	1	Caterpillar item
	2N - 2766	LOCKNUT [3/8 - 16]	6	Caterpillar item
FUEL SYSTEM	1P - 0436	GASKET, PRIM PUMP; FUEL	1	Caterpillar item
	105 - 2508	PUMP ASSY, FUEL PRIME	1	Caterpillar item
	9S 8001	PLUG	4	Caterpillar item
	9S 8002	PLUG	4	Caterpillar item
	4J - 7533	SEAL O RING	8	Caterpillar item
	OR - 8787	INJECTORS; RECON	24	
	3J - 7354	SEAL O RING	8	Caterpillar item
FAN	8H- 9789	BEARING, BALL	2	Caterpillar item
	2D - 4867	FITING GREASE	2	Caterpillar item
	9F 4446	SEAL O RING	2	Caterpillar item
	3L - 1425	BEARING, BALL	2	Caterpillar item
	9L - 4238	BOLT	1	Caterpillar item
	9N -9159	V-BELT SET; FAN DRIVE	4	Caterpillar item
EXHAUST	167 - 9171	ADAPTOR ASSY; BELLOW	1	Caterpillar item
	5L - 3773	GASKET, EXHAUST BELOOW	2	Caterpillar item
	5S - 7383	BOLT	16	Caterpillar item
	8T - 4896	WASHER	32	Caterpillar item
	6V - 8801	NUT	16	Caterpillar item
	6N - 7611	CAP AS -RAIN	1	Caterpillar item
	149 - 7953	CAP AS -RAIN	3	Caterpillar item
	113 - 9848	GASKET	2	Caterpillar item
RADIATOR	149 -7874	TUBE -UPPER	2	Caterpillar item
	149 -7873	TUBE - LOWER	1	Caterpillar item
	5P - 1262	HOSE, RADIATOR	5m	Caterpillar item
	5P - 1268	HOSE, RADIATOR	5m	Caterpillar item
	5P - 1717	CLAMP, RADIATOR	4	Caterpillar item

	5P - 4868	CLAMP, RADIATOR	8	Caterpillar item
	6N - 7030	HOSE, RADIATOR	4	Caterpillar item

ELECTRICAL				
Item No	Part Number	Part Description	Quantity	Remarks
1	9X - 9591	CONVERTER GP - PWM	1	Caterpillar item
2	265 - 7430	Sender Gp, Temp; Coolant	2	
3	265 - 7429	SENDER GP -PRESS OIL	2	Caterpillar item
4	161 - 9926	Sensor GP, Pressure Atm	2	Caterpillar item
5	3E -0445	Rack position sensor/Control GP	2	Caterpillar item
6	4B - 4909	Spring Control	1	Caterpillar item
7	7F - 8607	Seal o Ring	5	Caterpillar item
8	3E -0076	SOLENOID AS	0	Caterpillar item
9	3J - 7354	Seal o Ring	6	Caterpillar item
10	163 - 8516	Sensor GP, Pressure Boost	2	Caterpillar item
11	7X - 1043	Sensor GP, Temp	2	Caterpillar item
12	2M - 9780	Seal o Ring	6	Caterpillar item
13	261 5172	Sensor GP, temp; oil	2	Caterpillar item
14	3J 1907	Seal o Ring	6	Caterpillar item
15	5P 1404	Adaptor	2	Caterpillar item
16	314 - 7755	CDVR unit	1	Caterpillar item
17	6V-1903	Seal o ring - Fuel Pump	3	Caterpillar item
18	8T - 9527	Seal O ring	3	Caterpillar item
19	7M 9910	Screw - machine	10	Caterpillar item
20	4B 2047	Nut	12	Caterpillar item
21	338-9652	RELAY	3	Caterpillar item
22	6V- 1903	O'RING SOLENOID	10	Caterpillar item
23	4P - 9667	COLLAR	2	Caterpillar item
24	4W - 2480	NUT	2	Caterpillar item
25	290 - 5563	HEAT SINK ASEMBLY	2	Caterpillar item
26	141 - 8536	COOLANT LEVEL	5	Caterpillar item
27	9L-6639	BELT CHARGING ALT	5	Caterpillar item
28	143-4478	RELAY	3	Caterpillar item
29	151-7733	BATTERY SWITCH	2	Caterpillar item

30	9G-5127	BREATHER ATMOSPHERIC	2	Caterpillar item
31	6V-5038	O RING	10	Caterpillar item
32	208-9270	DIODE EMCP	5	Caterpillar item
33	143-4471	FUSE	10	Caterpillar item
34	143-5080	FUSE	10	Caterpillar item
35	4P-1801	HEATER	2	Caterpillar item
36	107-3751	HARNESS	1	Caterpillar item
37	105-2939	BTM	1	Caterpillar item
38	2H-3931	O RING BTM	2	Caterpillar item
39	318-1181	SENSOR SPEED	5	Caterpillar item
40	106-0543	SENSOR SPEED	5	Caterpillar item
41	143-6945	GROMMET	5	Caterpillar item
42	9X-8256	WASHER	5	Caterpillar item
43	8T-4971	BOLT	5	Caterpillar item
44	6Y-6488	MAIN ALT. BEARING NDE	2	Caterpillar item

Supply of Spares for Cummins Caterpillar 3412C generator at Levuka Power Station

Item	ITEM DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	Supply of requested spares		
2	Warrantee		
	TOTAL (VEP)		
	VAT 9%		
	TOTAL (VIP)		

Notes

1. A timeline must be provided on how soon can the spares be provided
2. FEA financial terms are applicable for these works.

Submission of Tender

It is mandatory for Bidders to upload a copy of their bid in the **TENDER LINK** Electronic Tender Box no later than **4:00pm, on Wednesday 10th May, 2017**.

To register your interest and tender a response, view 'Current Tenders' at:

<https://www.tenderlink.com/fea>

For further information contact The Secretary Tender Committee, by e-mail

TDelairewa@fea.com.fj

In additional, hard copies of the tender, one original and one copy must be deposited in the tender box located at the FEA Head Office, 2 Marlow Street, Suva, Fiji no later than **4:00pm, on Wednesday 10th May, 2017**- Addressed as

Tender – MR 100/2017 – Supply of Caterpillar 3412C Spares for FEA’s Levuka Power Station

**The Secretary Tender Committee
Fiji Electricity Authority
Head Office
Suva
Fiji**

- **Hard copies of the Tender bid will also be accepted after the closing date and time provided a soft copy is uploaded in the e-Tender Box and it is dispatched before the closing date and time.**

Tenders received after **4:00pm** on the closing date of **Wednesday 10th May, 2017**.

- will not be considered.
- Lowest bid will not necessarily be accepted as successful bid.
- **It is the responsibility of the bidder to pay courier chargers and all other cost associated with the delivery of the hard copy of the Tender submission including any Duties/Taxes. Hard copies of the Tender submission via Post Box will not be considered.**