

# **FIJI ELECTRICITY AUTHORITY**



## **TENDER SPECIFICATIONS**

### **TENDER**

**TENDER NO: MR 77/2017**

**Supply of Spares for Cummins QSK23-G3 generator  
at Levuka Power Station**

## Supply of Spares for Cummins QSK23-G3 generator at Levuka Power Station

### Scope of Works

Fea invites bidders to bid for supplying spares for a Cummins QSK23 gen-set located in Fea's Levuka Power Station.

The generator details are as follows;

<b>Prime Mover Details</b>	
Engine Make	Cummins 608DQCB
Model	QSK23 – G3
Engine Serial No	312746/501405
Family	5oexl023 aaa
FR	50011
Ref. No	0100 – 3758
Advert. Power	1030HP @1500rpm
Date of manufacture	2005 07 12
Displacement	23.15 litre
CPL	8352
Equipment No	GS 050
Lube-oil-Sample	FIJEA 00004

<b>Alternator details</b>	
Rating	PRIME
Volts	240/415
Rated Current @0.8pf	1055
Insulation Class	H
Stator Winding	Random
Stator Connection	Series Star
AVR	-
Ambient temp	40 °C
Exc. Volts	59
Exc. Amps	3.5
R.P.M	1500

<b>Fuel Pump Details</b>	
Model	40020FGBA
Serial No	0B0045 – 02 – R
Part No	4903531
Date Of manufacturing	Nov. 2004
Cummins P/No	6560 – 71– 1202

The spares required are mentioned below:

Item	Description	Part Number	Qty Req.
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1	Thermostat	4095527	6
2	Seal; Thermostat	3092399	7
3	Belt, Vee Ribbed	4096184	3
4	Gasket, Valve Cover	4006217	12
5	Washer, Sealing	4006239	72
6	Seal O Ring	4095950	12
7	Seal O Ring	4095892	6
8	Spring, Compression	3092078	12
9	Gasket, Filter Head	3092411	12
10	Seal; Grommet	4095534	18
11	Oil Pressure Gauge	193 - 0352	5
12	Bearing Kit HC6 NDE	45 - 0340	1
13	Sensor Pressure	2872254	6
14	Sensor Pressure	3408587	6
15	Sensor Pressure	4902720	3
17	Injector	4088431NX	12
18	Gear, Coupling	4095633	2
19	Screw, Hexagon Head Cap	4095935	12
20	Seal, oil	4095800	1
21	Screw, Hex Flange Head Cap	4095848	6
22	Screw, Hex Flange Head Cap	3925344	6
23	Screw, Hex Head Cap	4096035	20
24	Screw, Hex Head Cap	4095935	24
25	Tube vent, Coolant	4095559	1
26	Plate, Thrust bearing	4095510	2
27	Sealant, Silicone	3164067	15
28	Lubricate 105	3391271	10
29	Teflon Sealant	56747	6
30	Pad, Cleaning	3823258	25

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**Supply of Spares for Cummins QSK23-G3 generator at Levuka Power Station**

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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 5<sup>th</sup> April, 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](mailto: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 5<sup>th</sup> April, 2017** - Addressed as

**Tender – MR 77/2017 – Supply of Spares for Cummins QSK23 – G3 Generator for 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 5<sup>th</sup> April, 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 charges 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.**