



FIJI ELECTRICITY AUTHORITY

TENDER DOCUMENT

TENDER NUMBER: MR322/17

TENDER NAME: Supply of Power Tools and Accessories

SECTION I - TENDER SPECIFICATIONS

The Fiji Electricity Authority (FEA) invites bids from reputable contractors for the supply of Heavy duty Power Tools. These Power Tools will be used by the relevant personnel in power line construction projects, tightening nuts and bolts requiring high amounts of tightening torque as well as used for grinding (abrasive cutting) and polishing. This document serves to define the specifications of the Power Tools that FEA wishes to purchase.

1. Scope

This Specification covers the general requirements to supply anticipated quantity of Power Tools with features relevant to the specifications given in the tender document and also conforming to the relevant Australia/ New Zealand standards. The products supplied shall be off genuine quality.

2. Specifications

The tools which the FEA wishes to purchase are listed below:

- i. Impact Wrench (Capacity; Bolt: 12mm-22mm)
- ii. Impact Wrench (Capacity; Bolt: 10mm-18mm)
- iii. Cordless Angle Grinder.
- iv. Hand Drill- 3 Mode
- v. Auger Bits

Note to Bidders:

While being the preferred supplier for impact wrench, the bidder shall provide all socket accessories depending on the bolt sizes as specified below. Also, 3 inch and 6 inch extension bar to be provided. All the specification of the accessories to be submitted with the bid.

I. Impact Wrench (Capacity; Bolt: 12mm-24mm).

The impact wrench shall be contain convenient rocker switch for one-handed forward/reverse control, ultra -bright LED light and battery charge level indicator together with the specification below.

Table 1: The table below shows the required specifications for the impact wrench which needs to be supplied.

Specification	Required	Bidders Comments
Quantity Required	4	
Capacity: Bolt	12- 24mm	
High Tension Bolt	12-16mm	
Drive	1/2" Square Bit Shank	
Tightening Torque	480Nm	
Battery type	5.0Ah Lithium-ion	
Battery Voltage	18V	
No load Speed	Greater than or equal to 1500/min	
Full load Impact Rate	Greater than or equal to 2000/min	
Overall Length	Less than 264mm	
Weight	Less than or equal to 3.4kg	
Standard With:		
Spare Battery	2 x 5.0Ah Energy Li-ion batteries	
Charger	1	
Battery Cover and Wrench Case		
Robust Steel Casing for Sockets		
Extension Bar	3 Inch	
Extension Bar	6 Inch	

Impact Socket and Accessories

The impact socket and accessories shall be supplied in tough steel case.

Socket Size mountable on 1/2'' Bit Shank	Quantity Required by FEA
10mm	1
11mm	1
12mm	1
13mm	2
14mm	1
15mm	2
16mm	1
17mm	2
18mm	1
19mm	2
20mm	1
21mm	1
22mm	2
24mm	2

II. Impact Wrench (Capacity; Bolt: 10mm-18mm).

The impact wrench shall be selective striking mode, variable speed and reverse, ultra - bright LED light to illuminate work area and battery charge level indicator to reduce unnecessary charging.

Table 2: The table below shows the required specifications for the impact wrench

Specification	Required	Bidders Comments
Quantity Required	4	
Capacity: Bolt	10mm- 18mm	
High Tension Bolt	8mm-14mm	
Drive	1/2" Square Bit Shank	
Tightening Torque	250Nm	
Battery type	5.0Ah Lithium-ion	
Battery Voltage	18V	
No load Speed	Greater than or equal to 2600/min	
Full load Impact Rate	Greater than or equal to 200/min	
Overall Length	Less than 168mm	
Weight	Less than or equal to 1.7kg	
Standard With:		
Spare Battery	2 x 5.0Ah Energy Li-ion batteries	
Charger	1	
Battery Cover and Wrench Case		

Impact Socket and Accessories

The impact socket and accessories shall be supplied in tough steel case.

Socket Size mountable on 1/2" Bit Shank	Quantity required by FEA
8mm	1
10mm	1
11mm	1
12mm	1
13mm	2
14mm	1
15mm	2
16mm	1
17mm	2
18mm	1
19mm	2

This specification table is to be submitted along with the bid and the bidder to fill in the table according to the specification of the supplied product.

The Impact Wrench shall feature long service life, handle and casing material good heat dispersion.

III. Cordless Angle Grinder.

The cordless grinder shall feature slim, soft grip for maximum comfort and control, slide switch and anti-restart protection, spindle lock for easy wheel changes, removal side handle and battery level indicator together with the specification in table 3.

Table 3: The table below shows the required specifications for the Cordless Angle Grinder which needs to be supplied.

Specification	Required	Bidders Comments
Quantity Required	4	
Voltage	18V	
Battery type	Lithium-ion	
Max Capacities: - Depressed centre wheel - Sanding Disc - Diamond wheel	125mm	
No load Speed	Greater than or equal to 9100 rpm	
Spindle thread	M14x2	
Hole Diameter	22mm	
Net Weight	Less than 1.8kg	
Overall Length	296mm	
Standard With		
Spare Battery	2 x 5.0Ah Energy Li-ion Batteries	
Carry Case	Should be robust	
Charger	Fan Cooled	
Grinding Wheel & Wrench		

IV. Rotary Hammers - 3 Mode.

The rotary hammers shall feature 3 mode of operation i.e Drill only, hammer only and hammer drilling. It shall also be vibrational control and provide protection for overload clutch.

Table 4: The table below shows the required specifications for the Cordless Angle Grinder which needs to be supplied.

Specification	Required	Bidders Comments
Quantity Required	8	
Rated Power	Greater or equal to 800W	
No Load Speed	0-900 rpm	
Impact rate	0-4000 bpm	
Drilling Diameter	28 mm concrete	
Weight	Less than or equal to 3.6 kg	
Impact energy	3.5 J	
Standard With		
Carry Case	Robust	
Drill Set + chisel		

V. Hand Drill.

The hand drill shall feature 2 speed gear box, 16mm keyed chuck, variable speed trigger and forward and reverse direction operation.

Table 5: The table below shows the required specifications for the Cordless Angle Grinder which needs to be supplied

Specification	Required	Bidders Comment
Quantity Required	8	
Rated Power	Greater or equal to 1,050W	
No Load Speed	0-380/880 rpm	
Max. Torque	50/22Nm	
Drilling Diameter (mm)	16/8	
Weight	Less than or equal to 3.7 kg	
Standard With		
Carry Case	Robust	
Drill Set + chisel	Sizes specified below	
Gear Box Type	2 Speed	

Table 6: The table below shows the required specifications for the auger bit which needs to be supplied.

Auger Bits Sizes

Bit Sizes (mm)	Quantity Required by FEA
12x 460	4 each
13x 460	4 each
14x 320	4 each
18 x 230	4 each
20x 460	4 each
22x 460	4 each
25x 460	4 each
12x 230	4 each
14x 460	4 each
24x 460	4 each
16x 460	4 each
22x 320	4 each

VI. Warranty

The supplier and/or manufacturer shall provide warranty of a minimum of 2 Years from the date Fiji Electricity Authority receives the Power Tools and Accessories

On the contrary, if the bidder cannot warranty for 2 years than a preferred warranty period shall be given by the bidder.

Pricing Schedule

1. Incoterms

All pricing shall be done on Cost, Insurance and Freight (CIF) basis, delivered to Suva wharf, Fiji for bidders outside Fiji. For local bidders, the pricing shall be given in VEP/VIP prices.

2. Currency

All pricing shall be in either: US\$, AU\$, NZ\$, FJ\$.

3. Taxation

For bidders outside Fiji, the pricing shall be EXCLUSIVE of any type of taxation that needs to be paid in Fiji.

4. Pricing breakdown

The prices quoted will be fixed and NOT variable. The Bidder is requested to submit the below table for the tools/equipment purchased.

Tools/Equipment	Quantity	Unit (\$)	Total (\$)
Cordless Impact Wrench 12mm -24mm) with specified sockets, casing and extension bars.	4		
Cordless Impact Wrench (10mm - 18mm) with specified sockets, casing and extension bars.	4		
Cordless Angle Grinder	4		
Rotary Hammer Drill with Drill Set and Chisel	8		
Hand Drill	8		

Price Breakdown for the Auger Bits

Bit Sizes (mm)	Quantity Required by FEA	Unit Price (\$)	Total Price (\$)
12x 460	4 each		
13x 460	4 each		
14x 320	4 each		
18 x 230	4 each		
20x 460	4 each		
22x 460	4 each		
25x 460	4 each		
12x 230	4 each		
14x 460	4 each		
24x 460	4 each		
16x 460	4 each		
22x 320	4 each		
Total Price			

5. Validity

The pricing shall be valid for 90 days.

Section IV - Tender Evaluation

After the bids are received, it will go through a normal tender evaluation process as per FEA's Tender Policy and Procedures. The successful and unsuccessful bidders will be advised of the outcome after completion of the Tender evaluation process.

Category of Evaluation Criteria	% Weighting
Supplier should also provide:	
1. Calibration Certificate of instrument along with the traceability	10%
2. Instruction Manual,	5%
3. Standard International Two (2) Years Guarantee /Warranty certificate	5%
4. Service center information	5%
5. Supplier should provide calibration facility	5%
6. Quoted price should be validity of 3 months	5%
7. Supplier to provide following information along with technical data in their technical bid <ul style="list-style-type: none">Physical dimensions of the instrument.Weight of the instrument.List of the customers to whom they have supplied the quoted model.	10%
8. Instrument should be housed in a rugged, transportable carrying case. IP rating of case should prevent moisture and dust ingress complete with hard carrying case with locking arrangement.	10%
9. Supplier must be able to provide back-up service/ repair and recalibration	10%
10. Delivery lead time 6 weeks	5%
11. Financial	30%

Section V - General Information

1	Name and Address of the Bidder:	
2	Contacts:	
3	Telephones:	
4	Fax:	
5	E-Mail:	
6	Mobile No:	

Tender Submission - Instruction to bidders

It is mandatory for Bidders to upload a copy of their bid in the TENDER LINK Electronic Tender Box no later than 1600hrs, Wednesday, 29th November, 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 addition, 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 1600hrs, Wednesday 29th November 2017 - Addressed as

Tender - MR 322/17 - Supply of Power Tools and Accessories

The Secretary Tender Committee
Fiji Electricity Authority
Head Office
Suva
Fiji

Hard copies of the Tender bid will 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 closing time 1600hrs, Wednesday, 29th November, 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.