



ENERGY FIJI LIMITED

Tender Specification Document

**SUPPLY OF THREE UNITS OF WIRELESS
BATTERY POWERED HYDRAULIC SPIKE GUN
COMPLETE WITH ACCESSORIES
MR 198/2025**

SECTION I - INSTRUCTIONS TO BIDDERS

Notes to Bidders: *This section provides detailed information necessary for Bidders to prepare their Bids, in accordance with the requirements specified by Energy Fiji Limited ('EFL'). It also provides information on Bid submission, opening, evaluation and the award of contract.*

1. Scope

EFL invites bids for the Supply of Three (3) only complete set of Wireless Battery Powered Hydraulic Spike Gun Complete with Accessories (herein referred to as "Spike Gun") as described in the Bidding Document. This unit shall be used to positively identify an underground HV (6.6kV/11kV/33kV) cable from a set of cables on whether or not the cable is live after being spiked.

2. Eligibility of Bidders

2.1 This bidding is open to all eligible companies

2.2 EFL in its sole unfettered discretion, can disqualify or otherwise determine ineligible any potential Bidder that the EFL believes is, has been or will be, whether directly or indirectly, engaged in criminal or any other unethical behavior, financially unsound, or otherwise unfit in the EFL's opinion to participate in the bidding exercise.

2.3 In its Bid, the Bidder shall indicate the origin of Goods proposed i.e. product build in xxxx country.

2.3 A Bidder shall not be eligible to participate in this bidding or in the performance of the contract if the bidder:

- Is bankrupt or being wound up, is having its affair administered by the courts, has entered into an arrangement with creditors, has suspended business activities, is the subject of proceedings concerning those matters or is in any analogous situation arising from a similar procedure provided in national legislation or regulations.
- Has been the subject of a judgement which has the force of judicator for fraud, corruption, involvement in a criminal organization or any other illegal activity detrimental to the financial interests of EFL.
- Is guilty of misrepresentation in supplying the information required as a condition of participation in this bidding exercise or fail to supply this information.

3. Bid Prices

3.1 The Bidder shall indicate on the appropriate Price Schedule, the unit prices (where applicable) and total Bid Price of the offered goods.

3.2 The Bidder's separation of price components will be solely for the purpose of facilitating the comparison of Bids by EFL and will not in any way limit the EFL's right to contract on any of the terms offered.

- 3.3 All non-exempt duties, taxes and other levies payable by the Supplier/Bidder under the Contract/Purchase Order, or for any other cause shall be included in the rates, prices and total Bid price submitted by the Bidder.
- 3.4 Bid prices shall be **CFR basis** and delivered Suva Port, Fiji. Cost and Freight shall be quoted for by the Bidder. EFL has its own insurance cover for freight.

4. Bid Currency

- 4.1 Unless otherwise specified in Section II, the unit rates and Prices shall be quoted by the Bidder's Country of Origin.

5. Request for Extension of Bid Submission Period

Any extension request must be made 72 hours prior to tender closure. It shall be EFL's prerogative to either accept or reject the request to extend tender submission deadline.

6. Period of Validity of Goods

- 6.1 Unless otherwise specified in Section II, bids shall remain valid for a period of 90 days after the deadline for the receipt of Bids. A bid valid for a shorter period shall be rejected by EFL as nonresponsive.
- 6.2 In exceptional circumstances, EFL shall may solicit the Bidders' consent to an extension of the period of validity. The request and the responses thereto shall be made in writing.

7. Training

The bidder is also required to carry out a five-day face-to-face theory and practical training that will be conducted at the EFL Kinoya Depot. This training shall be conducted by a verified, qualified and experienced person who knows the applications, operations, general maintenance and troubleshooting of the Hydraulic Spike Gun.

Section II - Tender Specifications

Description

The Spike Gun should enable safe and reliable cable spiking for energized and de-energized cables from a group of cables. It should provide absolute safe and efficient flow of testing on any given cable and the operator should be able to operate it wirelessly via remote control. The equipment shall be battery powered unlike conventional spike guns. Therefore, the Spike Gun must be easy to operate, safe to operate and small for portability. Underground cables which shall be subjected to tests using the spike gun range from cables that withstand/carry 240V AC to 33,000V AC.

Technical Criteria

The criteria table below are to be filled and submitted as part of Tender Bid.

Bidders are requested to make remarks on the following tables below as: ✓ / X; unless the specification provided differs from the bidder's remarks. Then the bidder shall clearly put the specification as per their bidding product.

1. Battery Powered Hydraulic Pump

Criteria	Requirement	Bidder's Response
Brand	(Bidder to state)	
Power Source	Rechargeable Battery 18V or 24V DC *must be included in the kit	
Battery Charger	To be included in the bid	
Activation Type	Preferred Wireless Remote (Bluetooth >15m) / Includes manual push button as backup	
Power	500W min (Bidder to state)	
Pump Pressure	700 bar min (Bidder to state)	
Tank Capacity	(Bidder to state)	
Output Current	(Bidder to state)	
Maximum Noise Level	Min 83dB (Bidder to state)	
Hose Type	>1.5m Bi-Directional (Bidder to state)	
Hose Pressure	700 bar min	
Charging Time	Approx. 30mins (Bidder to state time)	

Weight	Not exceeding 20kg (Bidder to state weight)	
Dimension	(Bidder to state dimension)	
Protection Class	IP 54 minimum	

2. Spiking Head (Cutting Head)

Criteria	Requirement	Bidder's Response
Material Type	(Bidder to state type of steel)	
System Type	Preferred Hydraulic	
Firearm Cartridges Requirement	Should not require firearm cartridges	
Clamping Mechanism	360 degrees (Bidder to state)	
Dimensions	(Bidder to state)	
Weight	Not exceeding 10kg (Bidder to state weight)	
Force	Min 5 ton	
Pressure	700 bar min	
Cable Range	Upto 140mm	
Cable cross sectional area	Must be able to spike or cut: <ul style="list-style-type: none"> • 630sq mm XLPE 33kV cable • 300sq mm PILC 11kV cable 	
Spike Material	Hardened Tool Steel (Bidder to state)	
Spike Dimensions	(Bidder to state)	
Action Type	Single-Acting	
Retraction	(Bidder to state)	
Connection	Toolless Connection	
Removal	Toolless Removal	
Earthing	>1.5 m Flexible Copper cable and Earth Spike	
Licensing Requirement	Should not require a Firearm License and can be operated by authorized person/s	
Enclosure	Protective Carry Case	

Unit Details

The unit should be user friendly having a rugged design and intuitive interface. Pamphlets should be provided on unit details and usage.

Included Accessories

Item	Accessories	Bidder's Remark (✓/x)
1.	Transport Case	
2.	Wireless Remote Control	
3.	Battery Charger with bags	
4.	User guide (EN)	
5.	International Warranty – 24 months (2 years)	

Other Requirements:

Supplier should also provide:		
Item	Descriptions	Bidders Remarks
1	Calibration certificate of instrument along with the calibration requirement in future (if calibration required)	
2	Instruction manual	
3	International guarantee/warranty certificate- 24 months	
4	Service center information and contact details	
5	Quoted price should have a validity of 3 months	
6	Delivery lead time – maximum of 6 weeks. Shall be delivered to Suva Port (Fiji) on CFR basis. Bidder must take into account all logistics and costs involved to have the item shipped to Fiji.	
7	Bidder shall also provide cost for hands-on training on the use of the equipment to EFL Technicians and Engineers on site (EFL Kinoya Depot, Central Division, Fiji). Bidder shall provide the duration and cost associated for this training in the tender bid. (Note: EFL will decide separately for confirmation of training on its own discretion)	

Price Schedule

Equipment	Quantity	Unit Price	Total	Currency	Incoterm
Spike Gun with accessories	3 set				CFR

Equipment	Comments	Total Price for Training Package (state currency also)
Training cost at EFL Kinoya Depot.	All cost of accommodation, travel and certificate of participation to be part of training package.	

General Information

1	Name and Address of the Bidder:	
2	Contacts:	
3	Telephones:	
4	E-Mail:	
5	Mobile No:	
6	Name of Chief Executive Office	
7	Sales Tax/Commercial Tax/CST nos.	
8	Service Tax No.	
9	Income Tax No.	
Name of Authorized Person		
Signature of the Bidder		
Company Stamp		
Date		

Note for Local Bidders (Bidders from Fiji):

Provide valid certificate copies of the below documents together with your bid submission:

- FNPF Compliance
- Tax Compliance
- FNU Compliance

Bidders must fulfill 100% compliance to the mandatory items above to be eligible to proceed to evaluation.

(1) Weighting Table

Requirements	Weighting (%)	Bidders Response
Completed technical details	30	
Payment conditions (30 days)	10	
Warranty (2 years)	10	
Delivery Term. (Suva Port, Energy Fiji Limited, Kinoya depot)	10	
Price review period after award of tender. (months)	10	
Bidders company profile outlining financial, technical and production capabilities.	10	
Quality management system used in the production of Hydraulic Spike Gun, attach certificate.	10	
Detailed receiving, handling and storage details	10	
Total Weight	100	

TENDER CHECKLIST

The Bidders must ensure that the details and documentation mention below must be submitted as part of their tender Bid

Tender Number _____

Tender Name _____

1. Full Company / Business Name: _____

(Attach copy of Registration Certificate)

2. Director/Owner(s): _____

3. Postal Address: _____

4. Phone Contact: _____

5. Fax Number: _____

6. Email address: _____

7. Office Location: _____

8. TIN Number: _____

(Attach copy of the VAT/TIN Registration Certificate - Local Bidders Only (Mandatory))

9. FNPF Employer Registration Number: _____ **(For Local Bidders only) (Mandatory)**

10. **Provide a copy of Valid FNPF Compliance Certificate (Mandatory- Local Bidders only)**

11. **Provide a copy of Valid FRCS (Tax) Compliance Certificate (Mandatory Local Bidders only)**

12. **Provide a copy of Valid FNU Compliance Certificate (Mandatory Local Bidders only)**

13. Contact Person: _____

I declare that all the above information is correct.

Name: _____

Position: _____

Sign: _____

Date: _____

Tender submission

Bidders are requested to upload electronic copies via Tender Link by registering their interest at: <https://www.tenderlink.com/efl>

EFL will not accept any hard copy submission to be dropped in the tender box at EFL Head Office in Suva.

This tender closes at 4.00pm (1600hrs) on Wednesday 11th June, 2025.

For further information or clarification please contact our Supply Chain Office on phone **(+679) 3224360** or **(+679) 9992400** or email us on tenders@efl.com.fj

The bidders must ensure that their bid is inclusive of all Taxes payable under Fiji Income Tax Act. Bidders are to clearly state the percentage of VAT that is applicable to the bid prices.

The lowest bid will not necessarily be accepted as the successful bid.

The Tender Bids particularly the “Price” must be typed and not hand written.

Any request for the extension of the closing date must be addressed to EFL in writing three (3) working days prior to the tender closing date.

Tender Submission via email or fax will not be accepted.