

**MR231/2018 – TENDER FOR THE SUPPLY OF FIBER OPTIC TEST EQUIPMENT,  
ACCESSORIES & CLEANING KIT**

**MR231/2018**

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FIBER OPTIC TEST EQUIPMENT,  
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ACCESSORIES & CLEANING KIT**

**TENDER NO: MR231/2018**

**Tender Advertising Date: 09/06/2018**

**Tender Closing Date: 27/06/2018**

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**SECTION- I**

**Energy Fiji Limited.  
2 MARLOW STREET  
SUVA  
FIJI**

**NOTICE INVITING TENDER**

Sealed Tenders are invited by EFL from reputable Companies and/or Suppliers, local or overseas, for the **SUPPLY OF FIBER OPTIC TEST EQUIPMENT, ACCESSORIES & CLEANING KIT.**

**Schedule to the invitation of tender:**

<b>No.</b>	<b>Item</b>	<b>Details</b>
1	Tender No.	MR231/2018
2	Time and last date of depositing Tender/Bid	4pm on Friday - 06/07/2018
3	Minimum Price Validity of Bid Offer	60 days
4	Details of Goods/Service to be supplied	Refer to Tender Scope and Specification Requirements
5	Web site address	<a href="http://www.evalua.com.fj/EFL">www.evalua.com.fj/EFL</a>
6	Email Address	<a href="mailto:TDelairewa@efl.com.fj">TDelairewa@efl.com.fj</a>

Intending eligible Bidder/s may obtain Tender Document from Supply Chain Department or request it through email to [Abduln@efl.com.fj](mailto:Abduln@efl.com.fj)

**SECTION II  
INSTRUCTIONS TO BIDDERS**

**1. DEFINITIONS**

- a) "The Purchaser" or "Buyer" means the Energy Fiji Limited. Herein referred to as EFL.
- b) "The Bidder or Tenderer" means the individual or firm who participates in this Tender and submits its Bid.
- c) "The Contractor/Supplier" means the individual or firm supplying the Goods/Services under the Contract.
- d) "The Goods/Services" means all the goods and/or services which the Bidder is required to offer to the Purchaser.
- e) "The Purchase Order" / "Work Order" means the Order placed by the Purchaser on the Supplier signed by the Purchaser including all attachments and appendices thereto and all documents incorporated by reference therein. The Purchase Order shall be deemed as "Contract" appearing in the document.
- f) "The Contract Price" means the price payable to the Supplier under the Purchase Order for the full and proper performance of its contractual obligations.

**2. ELIGIBLE BIDDERS:**

- 2.1. The eligible Bidder(s) should be a legally registered Company with valid Business Licence operating in that particular country.
- 2.2. The Bidder must have extensive experience and excellent background record in supplying similar goods and/or services.

**3. BID DOCUMENT:**

- 3.1. Tender Documents should be submitted in the enclosed form. All the pages of Tender Document should be signed by the Tenderer.

- 3.2. Sealed original Tender Document may be deposited in the Tender Box provided for the purpose in the office up to anytime from 8am to 4:30pm Monday to Thursday and 8am to 4:00pm Friday Fiji time.

#### **4. CLARIFICATION OF BID DOCUMENTS**

- 4.1. A prospective Bidder, requiring any clarification of the Bid/Tender Documents shall notify the Purchaser in writing via email at the Purchaser's mailing address indicated in the invitation for Bids. The Purchaser shall respond via email to any request for clarification of the Bid Documents, which it receives not later than **5 days prior to the date for the submission of Bid**. Copies of the query (without identifying the source) and clarifications by the Purchaser shall be sent to all the prospective Bidders who have received the Bid Documents. A request for clarification, which is considered by the Purchaser as either frivolous or is already sufficiently explained in the Bid Documents or is, in any way not considered pertinent shall be replied to accordingly by the Purchaser.
- 4.2. Any clarification issued by the Purchaser in response to query raised by prospective Bidder shall form an integral part of the Tender Document and it would amount to an amendment of relevant clauses of the Tender Document.

#### **5. AMENDMENT OF BID DOCUMENTS:**

- 5.1. At any time, prior to the date for submission of Bid, the Purchaser may, for any reasons, whether at his own initiative or in response to a clarification requested by a prospective Bidder, modify the Bid Documents by Amendments.
- 5.2. The Amendments shall be notified in writing or by email to all prospective Bidders on the address intimated at the time of uploading of the Bid Document from the Purchaser and these Amendments will be binding on them. The Bidder shall also indicate their contact

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information which includes email address, Fax Nos/Telephone No. on the Bid Form submitted by them.

- 5.3. In order to afford prospective Bidders reasonable time to take the Amendments into account in preparing their Bid, the Purchaser may, at its discretion, extend the deadline for the submission of Bids suitably. However the prospective Bidders shall not claim this facility as a right on any account.
- 5.4. The Bidder will be notified via email with reference to any Amendment to the Tender Document or to clarification to the queries raised by the Bidders till a day prior to the opening of the Tender. The Purchaser reserves the right to reject the Bid if the Bid are submitted without taking into account these Amendments/Clarifications. Further, the Bidder will be fully responsible for downloading of the Tender Document and Amendments for their completeness.

**6. PREPERATION OF BID:**

- 6.1. The Bid should be properly binded and information containing technical requirements and specifications shall be clearly stated.
- 6.2. The full name and address of the Tenderer should be written on the bottom left-hand corner of the sealed outer cover.
- 6.3. Technical information shall contain documents establishing Bidder's eligibility. This is to evaluate the competence of the Bidder in carrying out the work scope as per the sample supplied. Technical information must contain the following details:
1. Valid Certificate of Commercial Registration (CR).
  2. Experience and excellent background record of the Bidder in supplying similar goods/services.
  3. Contact details of Companies where the Bidder had carried out similar work scope.

- 6.4. Financial Bid: The Bidder should quote for all items mentioned in the price schedule of the Financial Bid. NO ENCLOSURES ARE ALLOWED WITH THE FINANCIAL BID.

## **7. SUBMISSION OF BIDS .**

### **7.1. Local Bidders**

7.1.1. Two (2) hard copies of the Tender Bids in sealed shall be deposited in the Tender Box located at the Supply Chain Office at the EFL Head Office, 2 Marlow Street, Suva, Fiji.

7.1.2. Each Tender shall be sealed in an envelope with:

- a) The envelop bearing only the following marking:

**Tender – MR231 /2018 – TENDER FOR THE SUPPLY OF FIBER  
OPTIC TEST EQUIPMENT, ACCESSORIES, & CLEANING KIT**

**The Secretary, Tender Committee  
Energy Fiji Limited  
Supply Chain Office  
Private Mail Bag  
Suva**

- b) It must also indicate the name and address of the Tenderer on the reverse of the envelop

7.1.3. Tenders received after **4:00pm** on the closing date of **Wednesday 27<sup>th</sup> June, 2018** will not be considered.

7.1.4. Lowest Bid will not necessarily be accepted as successful Bid.

### **7.2. Overseas Bids**

7.2.1. Electronic copies of the Tender Bid must be uploaded in the **EVALUA** Electronic Tender Box no later than **4:00pm, on Wednesday 27<sup>th</sup> June, 2018**

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7.2.2. To register your interest and tender a response, view 'Current Tenders' at: <http://www.efl.com.fj/contractors-suppliers/tenders/current-tenders/>

7.2.3. Lowest Bid will not necessarily be accepted as successful Bid.

7.2.4. For further information contact The Secretary, EFL Tender Committee, by e-mail [TDelairewa@efl.com.fj](mailto:TDelairewa@efl.com.fj).

7.2.5. **All late Tenders, unmarked Envelopes and Envelopes without Bidder's name and address on the reverse will be returned to the Tenderers.**

7.3. Tender in person drop in the 'Tender Box' placed at the abovementioned address during working hours between 8am to 4:30pm from Monday to Thursday and from 8am to 4pm Friday.

7.4. It is the Bidders' responsibility to ensure that the Tender are delivered in time at the above address.

7.5. The Purchaser may, at its discretion, extend this deadline for the submission of Bids by amending the Bid Documents in accordance with Clause 5 of Section-II in which case all rights and obligations of the Purchaser and Bidders subject to the previous deadline will thereafter be subjected to the deadline as extended.

7.6. Any Bidder can submit only one Bid. If more than one Bid are submitted by a Bidder, all the Bids of the said Bidder shall be disqualified.

7.7. Bidder has to sign all the pages of the Tender Document which implies that he has understood and accepted the terms & conditions of the Tender,

7.8. Venue of Tender Opening :Tender will be opened in the EFL Main Office located at 2 Marlow Street, Suva, FIJI.

**8. LATE BIDS**

Any Bid received by the Purchaser after the deadline for submission of Bids shall be rejected.

**9. MODIFICATION AND WITHDRAWAL OF BIDS**

9.1. The Bidder may modify or withdraw his Bid after submission provided that the written notice of the modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of Bid/s.

9.2. The Bidder's modification or withdrawal notice shall be communicated via email to the email address provided, i.e. [TDelairewa@efl.com.fj](mailto:TDelairewa@efl.com.fj)

9.3. As per Tender Document, no Bid shall be modified subsequent to the deadline for submission of Bids.

**10. CLARIFICATION OF BIDS**

To assist in the examination, evaluation and comparison of bids, the Purchaser may, at its discretion ask the Bidder for the clarification of its bid. The request for clarification and the response shall be via email. However, no post Bid clarification at the initiative of the Bidder; shall be entertained.

**11. BID PRICES**

11.1. The rates or prices quoted should remain current for a maximum period of 60 days from the date of acceptance of the Tender.

11.2. "DISCOUNT, if any offered by the Bidder shall not be considered unless they are specifically indicated in the price schedule. Bidders desiring to offer discount shall therefore modify their offers suitably while quoting and shall quote clearly net price taking all such factors like Discount, Free Installation, and other Backup or Aftersales Services etc into account".

11.3. The Bidder shall clearly indicate the quoted price and currency and whether its VIP or VEP. Bidders are also required to provide itemise costing for all cost proposed and the Bidder's proposed freight mode and freight cost.

**11.4. Price QUOTED shall be CIF. Failure to provide CIF pricing will have your bids DISQUALIFIED**

**11.5. Bidders SHALL use the Price Schedule in SECTION VII to fill in their price offer and failure to use this form shall warrant your bid DISQUALIFIED.**

## **12. TENDER EVALUATION:**

12.1. After the Bid are received, it will go through a normal Tender Evaluation Process as per EFL's Tender Policy and Procedures. The successful and unsuccessful Bidders will be advised of the outcome after completion of the Tender Evaluation Process.

The evaluation of the tender submissions will be weighted as such:

<b>No.</b>	<b>Components</b>	<b>Weighting (%)</b>
1	Financial Components	40 %
2	Technical Capability - Proven quality of similar goods/services.	30 %
3	Proven Background – in supplying similar goods/services and good record from other Purchasers	10%
4	Delivery Timeframe –Ability to meet the Purchaser's deadline (October, 2018)	10 %
5	Backup Support – after sale service, Warranty, Spares support, etc	10%

**13. AWARD OF CONTRACT:**

- 13.1. The Purchaser, reserves the right to accept or reject any Bid, and to annul the Bidding Process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected Bidder or Bidders on the grounds of Purchaser's action or any violation of the Integrity Pact which has to be signed by all Bidders.
- 13.2. The Purchaser, reserves the right to award the Tender to more than one Firm or Individual at his discretion.
- 13.3. Submission of Tender in response to this Tender Call will be taken to mean that all terms and conditions mentioned in this Tender are acceptable to the Tenderer and he is agreeable to abide by them.

**14. POWER OF ATTORNEY:**

- 14.1. The Power of Attorney for signing the Tender Document in case the authority signing the document is not the owner of the Company/Firm should be submitted.
- 14.2. The Power of Attorney be executed by a person who has been authorized by the Board of Directors of the Bidder in this regard, on behalf of the Company/Institution/ Corporate Body.

**15. DOCUMENTS ESTABLISHING BIDDERS ELIGIBILITY AND QUALIFICATIONS:**

The following Documents should be attached to the Original Tender Document as part of Technical Bid:

- 1) Valid Certificate of Commercial Registration (CR).
- 2) Work Experience and Background Record of the Bidder/Company in carrying out the work scope expected.

### **SECTION III**

#### **GENERAL (COMMERCIAL) CONDITION OF CONTRACT**

**1. APPLICATION:**

The General Conditions shall apply in contracts made by the Purchaser for the procurement of goods/services

**2. STANDARDS:**

The services offered under this contract shall satisfy the Technical Specifications and Requirements.

**3. PATENT RIGHTS:**

The successful Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the goods/services or any part thereof in EFL's Telecom Network.

**4. PERFORMANCE SECURITY:**

NIL

**5. DELIVERY OF SERVICES:**

Service expected is to successfully, effectively, and safely supply Communication FIBER EQUIPMENT's, ACCESSORIES & CLEANING KIT by the end of October 2018. Bidders are required to submit their timeframe on when they will commit to the expected work scope, if the Bidder is successful.

**6. PAYMENT:**

- 6.1. Payment Terms: A minimum of 30 days payment against successfully supplying the required goods/services as per work scope.

**7. TERMINATION FOR DEFAULT:**

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- 7.1. The Purchaser may, without prejudice to any other remedy for breach of Contract, by written notice of default, sent to the Supplier, terminate this Contract in whole or in part
- 7.2. If the successful Bidder fails to deliver any or all of the goods/services within the expected time period(s) specified in the contract.
- 7.3. If the successful Bidder fails to perform any other obligation(s) under the Contract; and
- 7.4. If the successful Bidder, in either of the above circumstances, does not remedy his failure within a period of 15 days (or such longer period as the Purchaser may authorize in writing) after receipt of the default notice from the Purchaser.

**8. TERMINATION FOR INSOLVENCY:**

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier or successful Bidder, without compensation to the Supplier or successful Bidder. If the Supplier or successful Bidder becomes bankrupt or otherwise insolvent as declared by the competent Court provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

**SECTION-IV**

**1. SPECIAL CONDITIONS OF CONTRACT:**

- 1.1. The Special Conditions of the Contract shall supplement the General Conditions of the Contract and wherever there is a conflict, the provision herein shall prevail over those in section I & II & III.
- 1.2. The Purchaser reserves the right to disqualify such Bidders who have a record of not meeting contractual obligations against earlier Contracts entered into with the Purchaser.
- 1.3. Any clarification issued by the Purchaser, in response to query raised by prospective Bidder(s) shall form an integral part of Bid Documents and it may amount to Amendment of relevant clause(s) of the Bid Documents.
- 1.4. The Purchaser reserves the right to counter offers price(s) against price(s) quoted by any prospective Bidder.
- 1.5. The Purchaser reserves the right to reject a Bid as non-responsive if the prices for all items are not quoted by the Bidder in the price schedule.
- 1.6. The Tender shall be evaluated on the basis of the competency and the experience of the Bidder in carrying out similar works and the financial offer mentioned in the price schedule of Section VI (FINANCIAL BID)
- 1.7. The Purchaser reserves the right to negotiate with the Bidder for the rates quoted under the Price Schedule of the Financial Bid.

**SECTION V**

**1. GENERAL:**

**1.1. INTRODUCTION:**

The Energy Fiji Limited is a wholly Corporatized entity that was established under the Fiji Electricity Act of 1966. EFL is responsible for the Generation, Transmission, Distribution, and Retail of electricity on the two larger islands, Viti Levu and Vanua Levu, and also Ovalau and Taveuni Islands, which account for some 90% of the Country's population.

EFL has a Total Generation Capacity of approximately 290MW of which, 80MW is supplied by the Monasavu/Wailoa Hydro Scheme, 40MW supplied by the Nadarivatu Hydro Scheme, 10MW supplied by the Wainikasou Hydro Scheme, and 10MW supplied by the Butoni Wind Farm

It has a 132kV Transmission Line of around 145km of which OPGW (connecting Wailoa & Nadarivatu Hydro Power Stations to the East and West Coasts) and about 350km of 33kV transmission line. Power Distribution is by means of more than 8,000km of 11kV and also 415/240V lines.

**2. SCOPE OF WORKS:**

1. The successful Bidder must be able to efficiently and effectively supply and safely deliver of all the successfully bided equipment and/or materials to the Energy Fiji Limited's Navutu Depot, Lautoka, in the Republic of the Fiji Islands.
2. The successful Bidder must make sure that all equipment and/or material must successfully meet the expected technical specification requirements stated in this Tender Document.
3. The successful Bidder must be able to comply with the expected Delivery Timeline, which is **31<sup>st</sup> October 2018**, of ALL the equipment and/or materials that the Bidder has successfully been offered.
4. The successful Bidder must be able to provide an expected warranty period of not less than 24 months, after for all equipment that is been successfully supplied to the Purchaser.
5. The successful Bidder must be able to provide a Faulty, Repair, and Replacement process and policy for the Purchaser, and a guaranteed backup support on spares and any after sale services.

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**6. SECTION VI**

**EQUIPMENT AND MATERIAL TECHNICAL SPECIFICATION REQUIREMENTS**

The Purchaser's equipment and/or material technical specification requirements are listed and detailed in the table below:

<u>Item Description</u>	<u>Item's Required Specification</u>	
FIBER OPTIC FUSION SPICER	SPLICING METHOD AVERAGE LOSS ELECTRODE LIFESPAN AUTOFIBRE DETECTION SPLICING MEMORY  CLEAVE LENGTH TYPICAL SPLICE TIME FIBER DISPLAY POWER SUPPLY BATTERY  HEAT TIME	CORE ALIGNMENT SM (0.00-0.02db) MM (0.00-0.01db) >3000 arcs 0.25mm, 0.9mm Minimum of 2000 record & ability to save splice image. 8-16mm 8seconds or less X/Y , XY AC 100-240V input Typically >100 cycles (Splice and Heat) on single Battery < 30 seconds
OTDR	FIBER TYPE WAVELENGTHS EVENT DEADZONE (m) ATTENUATION Dead zone DISTANCE RANGE (km) PULSE WIDTH (ns) DYNAMIC RANGE (ns) TEST TIME	Single-Mode & Multimode MM (850nm – 1300nm) SM (1310nm – 1550nm) <1m <5m ≥ 130km MM (3 to 1000ns) SM (3 to 20,000ns) 27/29/36 < 90seconds
POWER METER	DETECTOR TYPE WAVELENGTH CONNECTOR TYPE MEASURING RANGE(dBm) MEMORY POWER SUPPLY	InGaAs or Ge 850nm to 1625nm SC/PC, ST/PC, FC/PC +10 ~ -70 Minimum of 1000 test AC/DC supply – recommended battery operated
LIGHT SOURCE	EMITTER TYPE WAVELENGTHS (nm) SPECTRAL WIDTH (nm) OUTPUT POWER CONNECTOR TYPE POWER SUPPLY	InGaAs or Ge 850nm to 1625nm ≤ 5nm - 5dbm SC/PC, ST/PC, FC/PC AC/DC supply – recommended battery operated
CLEANING KIT	<b><u>Items &amp; Quantity to Include</u></b> 1 x Optical Connector Cleaner with replacement reel 2 x One Click SC type 2 x One Click ST type	

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	2 x One Click LC type 100 x 2.5mm Fibre Optic Foam Swabs 500 x Polywater SqueekyKleen Wipes
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<u>Item Description</u>	<u>Item's Required Specification</u>	
VISUAL LIGHT SOURCE/VISIBLE FAULT IDENTIFER	OUTPUT RANGE DETECTING RANGE CONNECTOR TYPE POWER SUPPLY Operating Temperature	1mW - 10mW ≥ 5km SC & ST types Battery supplied only 10°C ~ 40°C
FIBER TALK SET	TYPE RANGE WAVELENGTH DYNAMIC RANGE FREQUENCY	Full Duplex Digital Audio ≥ 80km 1310nm – 1550nm 40dB 2kHz Source Tone/Tone Detect
FIBRE VIDEO OPTIC SCOPE	Magnification Inspection tip/Connector	≥ 200x SC/ST/LC
LAUNCH BOX	1 x 300meter SC to SC type Launch Box 1 x 1000meter SC to SC type Launch Box	

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**SECTION-VII**

**PRICE SCHEDULE**

1. Tender No. : **MR231/2018**
2. Name of the Tenderer with Address :
3. Signature with Designation & Seal of the Tender Form issuing authority

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**DECLARATION:**

I/We have read and understood the Terms and Conditions in this form supplied to me/us and hereby declare that I/We accept the Terms and Conditions mentioned there in. I/We hereby quote our unit rates/prices, total price, currency, freight mode and cost, for consideration based on the Scope of Works provided by EFL.



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**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 **4:00pm, on Wednesday 27<sup>th</sup> June, 2018.**

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

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

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

[TDelairewa@efl.com.fj](mailto:TDelairewa@efl.com.fj)

In additional, hard copies of the tender, one original and one copy must be deposited in the tender box located at the EFL Head Office, 2 Marlow Street, Suva, Fiji no later than

**4:00pm, on Wednesday 27<sup>th</sup> June, 2018** - Addressed as

**Tender – MR 231/2018 – Supply of Fiber Equipment, Accessories & Cleaning Kit**

**The Secretary Tender Committee**

**ENERGY FIJI LIMITED**

**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 27<sup>th</sup> June, 2018** 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.**