

# REQUEST FOR PROPOSAL (RFP)



## Supply of Generation Server Equipment

MR 34/2026

## 1. Purpose and Description of Project

Energy Fiji Limited (EFL) is requesting proposals for the supply of (5) Rack Servers, Network Attached Storage (NAS) System and (4) Cisco Catalyst Switches to add capacity to its existing Infrastructure.

Bidders may bid in part or entirely depending on their eligibility and ability to supply the equipment listed in this document.

## 2. Solution Overview

EFL is seeking proposals that fulfill these requirements by qualified vendors for the supply of:

- Four (4) Rack Servers meeting or exceeding the minimum specifications outlined in this document.
- One (1) Network Attached Storage (NAS) solution with 40/60 TB options, usable capacity and enterprise-grade features.
- One (1) High end Rack Server meeting or exceeding the minimum specifications outlined in this document.
- Four (4) Cisco Catalyst C9300X-24HX Switches or equivalent.
  
- Vendors must meet or exceed the following - Four (4) Rack Servers:
  - **Form Factor**
  - 1U Rack-Mountable Server
  - Sliding rails and mounting accessories included
- **Processor**
  - **Minimum CPU Equivalent:** Intel Xeon
  - Minimum Clock Speed: **2.8 GHz base, 4.5 GHz turbo**
  - Minimum Cores: **4 cores**
  - CPU Quantity: **2 processor per server**
- **Memory**
  - **Minimum RAM:** 16 GB DDR4 or higher
  - Expandable to **≥ 64 GB**
  - ECC support required
- **Storage**
  - Minimum **2 × 480 GB SATA/SAS SSD**
  - RAID 1 or equivalent data protection
  - Hot-swappable drives preferred

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- **Chipset / Architecture**
  - Equivalent or superior to **Intel C256 chipset**
  - Must support current-generation virtualization platforms
- **Network Interfaces**
  - Minimum **2 × 1GbE** ports
  - Optional 10GbE upgrade modules can be quoted separately
- **Power**
  - Redundant hot-swappable PSUs preferred
  - Must include all power cables
- **Management**
  - Remote management interface (e.g., HPE iLO, Dell iDRAC, Lenovo XClarity)
  - Support for remote console, power control, monitoring, and firmware updates
- **Operating System Compatibility**
  - Must support:
  - Windows Server
  
- **NAS STORAGE REQUIREMENTS - One (1) Network Attached Storage (NAS)**

The bidder shall propose an enterprise storage platform supporting **NAS (NFS/SMB)**, operable over **10 GbE** for backup and recovery, with **no single point of failure, 40/60 TB usable** minimum, and **future expansion**.

  - Protocols & Connectivity
    - **NAS: NFS v3/v4.x, SMB 2.x/3.x.**
    - **Ethernet: Minimum 4 × 10 GbE** data ports (LACP/MLAG support).
    - Support IPv4/IPv6, 802.1Q VLANs, jumbo frames (≥ 9000 MTU).
  - Capacity, Performance & Data Services
    - ≥ 40 TB usable at the proposed protection level (e.g., RAID-6/DP/erasure coding). Show raw → usable math.
    - Inline deduplication and compression (state typical and conservative data reduction ratios).
    - Thin provisioning, UNMAP/TRIM, and QoS (min/max IOPS & bandwidth).
    - Latency target ≤ 5 ms for mixed workloads (state test profile: 70/30 R/W, 4–32 KB).
    - Hypervisor integrations (AHV, ESXi, Hyper-V).
  - High Availability, Security & Resilience
    - Dual-controller active-active or scale-out nodes with mirrored cache; NSPOF.
    - Redundant PSUs, fans, paths; hot-swappable components.
    - Non-disruptive upgrades (NDU) and expansions.
    - Snapshots, clones, async/sync replication; disclose RPO/RTO.

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- Encryption at rest (SED/software), in-flight encryption, RBAC, AD/LDAP, audit logging; KMIP (if applicable).
- Backup/Recovery Compatibility
  - Compatible with enterprise backup tools over 10 GbE (NDMP, SMB/NFS shares, snapshot integration).
  - Optional immutability (S3 object lock / WORM snapshots) for ransomware protection.
  - Replication to secondary storage or cloud as an option.
- Scalability & Roadmap
  - Scale-up (disk/shelf) and scale-out (controller/node) options.
  - Expansion path to  $\geq 100$  TB usable in-family, non-disruptively.
  - Provide port/slot roadmap and incremental SKU options.
- Management, Monitoring & Interop
  - Unified GUI + CLI/REST API; RBAC; syslog/SNMP; email alerts.
  - Analytics (capacity trending, performance heatmaps, predictive telemetry/phone-home).
  - Interop: VMware VAAI/VASA, Microsoft ODX, SMB Multichannel, Kerberos, NFSv4 ACLs, CHAP for iSCSI.
  - Provide HCL/compatibility matrix references for HBAs, switches, and hypervisors.
- Support & Warranty
  - Include all required feature licenses (NAS, snapshots, replication, data reduction, APIs).
  - 24x7 support; Next Business Day parts minimum; options for 4-hour and on-site.
  - 1-year minimum, options for 3-year and 5-year.
- Cabling & Fabric
  - Include all SFPs to fully enable all proposed links.
- Vendors must meet or exceed the following - One (1) High end Rack Server:
  - **Form Factor**
    - 2U Rack-Mountable Server
    - Sliding rails and mounting accessories included
  - **Processor**
    - **Minimum CPU Equivalent:** Intel Xeon
    - Minimum Clock Speed: **2.8 GHz base, 4.5 GHz turbo**

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- Minimum Cores: **16 cores**
  - CPU Quantity: **2 processor per server**
- **Memory**
  - **Minimum RAM:** 1TB
  - Expandable to  $\geq 1.5\text{TB}$
  - ECC support required
- **Storage**
  - Minimum **10TB and 20TB SSD** usable options
  - RAID 6 or equivalent data protection
  - Minimum 1 Hot-Spare option
  - Hot-swappable drives preferred
- **Chipset / Architecture**
  - Equivalent or superior to **Intel chipset**
  - Must support current-generation virtualization platforms
- **Network Interfaces**
  - Minimum **2 × 10GbE** ports
  - Optional of upgrading to **4 × 10GbE** ports modules can be quoted separately
- **Power**
  - Redundant hot-swappable PSUs preferred
  - Must include all power cables
- **Management**
  - Remote management interface (e.g., HPE iLO, Dell iDRAC, Lenovo XClarity)
  - Support for remote console, power control, monitoring, and firmware updates
- **Operating System Compatibility**
  - Must support:
  - Windows Server
- Vendors must meet or exceed the following – Cisco Catalyst C9300X-24HX - 28 port switch:
  - **Device Details**
    - C9300X-24HX - 24 port Cisco UPOE+
    - 24x 10G Multigigabit (10G/5G/2.5G/1G/100M)
    - 4 X 10G SFP+ interfaces
    - Dual redundant PSU (Single 1100W AC as standard)
    - Modular Uplink
    - Stackable
    - Layer 3

- Redundant power supply
- **SFPs**
  - 8 Short Range (SR) SFP+ for short-distance connection
  - 8 Extended Range (ER) SFP+ for long-distance connection

### 3. Eligibility Criteria/Pre-qualification of the Bidder

The supplier should be an authorized distributor or reseller and service provider for the systems with relevant documents to validate this.

### 4. Evaluation criteria of the qualified Bidders:

Description	Weight
1. RFP requirements compliance	45 %
2. Proven ability of vendor to supply solution	15 %
3. Experience in providing post-installation support to a pre-arranged degree of satisfaction Level/s.	10 %
4. Value for Money	30 %

### 5. Delivery

The selected supplier shall deliver all required hardware and software to the EFL Head Office, located at 2 Marlow Street, Suva, Fiji.

### 6. Bidder Submittals

Please indicate in your proposals if you meet all the requirements and guidelines specified in this document. Your submittals should include the following as a minimum, itemizing the cost for each component where necessary.

- Proposal for Products and/or Services
- Full Bill of Materials, including all necessary cables
- Itemized pricing
- Delivery & Payment Schedule
- Customer References of similar projects
- Proof of being and Authorised Re-seller and/or Service Provider
- Valid Tax Compliance Certificate
- Valid FNPF Compliance Certificate
- Valid FNU Compliance Certificate



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Bidders must submit proposal for EFL’s design as in Section 5.

## 7. Submission of Tenders

Bidders must lodge submissions no later than 4:00pm, on **Wednesday 04<sup>th</sup> March 2026**.

### Tender- Supply of IT Equipment

## 8. Amendment of RFP

The EFL may, at its sole and absolute discretion, vary, add to, or amend the terms of this RFP, including the nature and/or scope of the products and/or services required under this RFP; and any other subject matter to which this RFP relates.

## 9. Cancellation/Termination of RFP

The EFL may, at its sole and absolute discretion, cancel, suspend, terminate, or abandon part or the whole of this RFP, at any time prior to the execution of a formal written agreement without any liability.

## 10. Due date for Tenders

Tenders received after the closing date of **4:00pm Wednesday 04<sup>th</sup> March, 2026** will not be considered.

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## Schedule A - Bidder Details

The Bidder shall provide all the necessary information specified in the tables below:

General			
<b>The registered name of the Bidder:</b>			
<b>Business address for correspondence:</b> <i>(Location, Street, Locality City, Pin Code, Country, Telephone, Facsimile, Email Other)</i>			
<b>Contact name of the Authorised Person:</b>			
<b>Contact's position:</b> <i>Contact addresses if different from above</i> <i>Locality City, Pin Code</i> <i>Location, Street, Country, Telephone, Facsimile, Email, Web address</i>			
<b>Business structure:</b>			
<b>Include the organisation Chart</b>			
Financial standing			
(Information designed to give client confidence in the financial competence of the BIDDER.) Audited financial accounts for past three years shall be included in appendix.			
Total current employees :			
Sales Turnover	2023	2024	2025
Net profit before tax	2023	2024	2025
Company Profile(s)			
<b>Reference Sites</b> (Use separate schedule formats for this response) [Details of at least two similar Projects in the last 5 years (including contact details) which will demonstrate the Bidder ability to carry out the functions for this project in a timely and professional manner.]			
Designated Staff	Name	Position	Project Designation
(Detailed profiles of key staff shall be included in appendix)			

## Schedule B - Customer Details of the Bidder

Details to be submitted by the Bidders about their past experience with successful customers/sites/organizations:

Experience of similar implementation
<b>Project Name:</b>
<b>Project Location:</b>
<b>Client Name:</b>
<b>Client address:</b>
<b>Client contact/reference person(s):</b> <i>Name</i> <i>Address – if different from above</i> <i>Telephone</i> <i>Facsimile</i>
<b>Mobile Phone</b>
<b>Email address</b>
<b>Man-months effort:</b>
<b>Name of senior project staff:</b> <i>Project Director</i> <i>Project Manager</i> <i>Other</i>
<b>Nature of the Project:</b>
<b>Role of the company, whether complete end-to-end involvement or for a particular module:</b>

## 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 04<sup>th</sup> March, 2026.**

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](mailto: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.**