

REQUEST FOR PROPOSAL (RFP)



Supply of SCADA Server & Client Workstations

MR 115/2021



Supply of SCADA Server & Client Workstations

1. Purpose and Description of Project

Energy Fiji Limited (EFL) is requesting proposals for the supply of a Servers and Workstations to refresh its SCADA Infrastructure.

2. Solution Overview

EFL is seeking proposals that can provide the following options;

Servers

- Option 1: Physical Server Refresh.
- Option 2: VMWare Hypervisor Solution
- Option 3: Nutanix Hyper-converged Solution

Workstations

- High End Workstations with 4 Displays per workstation.

The specifications for our requirements are listed in Section 5. The bidders are encouraged to propose vendor recommended replacement products for those servers listed in this section that are nearing EoL.

3. Eligibility Criteria/Pre-qualification of the Bidder

The supplier should be an authorized distributor or reseller and also 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. Solution Requirements

Below are the baseline server configurations. The bidder is encouraged to include the latest available component specifications.

Server Options

Option 1: Dell PowerEdge R340 Rack Server, 6 servers

- Intel Xeon E3-1270 v6 3.8GHz
- 16 GB RAM
- 4 x 1TB HDD hot swappable
- Single power supply
- Dual-Port 1GBASE-T

Option 2: Dell PowerEdge R740, 2 servers:

- Intel Xeon Silver 4110
- 128 GB RAM
- RAID 5
- 11 x 1TB HDD hot swappable
- Dual Hot Plug redundant power supply
- VMWare ESXi V6.5

Option 3: Nutanix NX-1465-G7, 2 Blocks:

- 2 x Intel Skylake Processor 2.2 GHz 10-core Skylake 4114 CPU
- 384GB RAM (12 x 32GB per node)
- 2 x 6TB HDD
- 1 x 1.92TB SSD
- 1 x 10GbE Dual RJ45 Network Adaptor
- Pro Software
- 1 Year Maintenance and Production Support included

Workstation Specifications

6 Workstations require 4 LCD/LED displays each, preferably connected via HDMI.

- Processor / Chipset: Intel® Core™ i7-9700
- Cache Memory: 8 MB
- RAM: 32 GB
- Hard Drive: 500GB SSD - M.2
- 4 x 24" Screen each
- Mouse and Keyboard



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6. Delivery

The selected supplier shall deliver all required hardware and software to the EFL Navutu Depot, located at Navutu, Lautoka, Fiji.

7. 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
- Delivery & Payment Schedule
- Customer References of similar projects
- Hardware/Software Certifications
- ISO certification of companies manufacturing the products offered.
- FNU, FNPF and FIRCA compliance letter (for local companies)

Bidders must submit proposal for EFL's design as in Section 5, any other solution proposed by the bidder must be submitted as option 2, 3 etc.

8. Submission of Tenders

Bidders must lodge submissions no later than 4:00pm, on **Wednesday 28th July 2021**.

Tender- Upgrade of SCADA Server & Client Workstations hardware at NCC and DRC

9. 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.

10. 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.



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11. Due date for Tenders

Tenders received after the closing date of **4:00pm Wednesday 28 July 2021** will not be considered.

Schedule A - Bidder Details

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

General			
The registered name of the Bidder:			
Business address for correspondence: <i>(Location, Street, Locality City, Pin Code, Country, Telephone, Facsimile, Email Other)</i>			
Contact name of the Authorised Person:			
Contact's position: <i>Contact addresses if different from above</i> <i>Locality City, Pin Code</i> <i>Location, Street, Country, Telephone, Facsimile, Email, Web address</i>			
Business structure:			
Include the organisation Chart			
Financial standing			
<i>(Information designed to give client confidence in the financial competence of the BIDDER.)</i> <i>Audited financial accounts for past three years shall be included in appendix.</i>			
Total current employees :			
Sales Turnover	2014	2015	2016



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Net profit before tax	2014	2015	2016
Company Profile(s)			
Reference Sites (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
Project Name:
Project Location:
Client Name:
Client address:
Client contact/reference person(s): <i>Name</i> <i>Address - if different from above</i> <i>Telephone</i> <i>Facsimile</i>
Mobile Phone
Email address
Man-months effort:



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Name of senior project staff: <i>Project Director</i> <i>Project Manager</i> <i>Other</i>
Nature of the Project:
Role of the company, whether complete end-to-end involvement or for a particular module:

APPENDIX 1 – PRICING TEMPLATE

		QTY	Price
1	<p>Option 1: Dell PowerEdge R340 Rack Server, 6 servers</p> <ul style="list-style-type: none"> • Intel Xeon E3-1270 v6 3.8GHz • 16 GB RAM • 4 x 1TB HDD hot swappable • Single power supply • Dual-Port 1GBASE-T 	6	
2	<p>Option 2: Dell PowerEdge R740, 2 servers:</p> <ul style="list-style-type: none"> • Intel Xeon Silver 4110 • 128 GB RAM • RAID 5 • 11 x 1TB HDD hot swappable • Dual Hot Plug redundant power supply • VMWare ESXi V6.5 	2	
3	<p>Option 3: Nutanix NX-1465-G7, 2 Blocks:</p> <ul style="list-style-type: none"> • 2 x Intel Skylake Processor 2.2 GHz 10-core Skylake 4114 CPU • 384GB RAM (12 x 32GB per node) • 2 x 6TB HDD • 1 x 1.92TB SSD • 1 x 10GbE Dual RJ45 Network Adaptor • Pro Software • 1 Year Maintenance and Production Support included 		
4	<p>6 Workstations require 4 LCD/LED displays each, preferably connected via HDMI.</p> <ul style="list-style-type: none"> • Processor / Chipset: Intel® Core™ i7-9700 • Cache Memory: 8 MB • RAM: 32 GB • Hard Drive: 500GB SSD - M.2 • 4 x 24" Screen each • Mouse and Keyboard 	6	



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TENDER SUBMISSION CHECK LIST

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

Tender Number _____

Tender Name _____

1. Full Company 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)

9. Company Registration Number: _____
(Attach copy of the Business License)

10. FNPf Employer Registration Number: _____
(For Local Bidders only)

11. Contact Person: _____

I declare that all the above information is correct.

Name: _____

Position: _____

Sign: _____ Date: _____



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Tender Submission - Instruction to bidders

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

This is due to COVID 19 restrictions on movements. Therefore 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 28th July, 2021.

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.

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.

Tender Submission via email or fax will not be accepted.