

REQUEST FOR PROPOSAL (RFP)

MR 150/2015



Supply of Hyper-Converged Server Solution

1. Purpose and Description of Project

The Fiji Electricity Authority (FEA) is requesting proposals for the supply of a Hyper-Converged Server Solution that would successfully host a mixture of server workloads such as Exchange, MS SQL, and other Windows Server key business applications. The solution must not only be VM-aware but also Hypervisor agnostic. i.e. able to run VMWare, Hyper-V and the likes.

2. Solution Overview

FEA is seeking proposals that fulfill these requirements;

- Server Nodes (VMWare Pre-installed).
- Option A: 12TB of usable storage, Option B & Option C: 24 TB of useable storage
- SSD and HDD Drives for storage performance tiers
- Necessary training for hardware installation, administration and maintenance.
- Post-Sales Support & Subscription for 3 years or more

The specifications for our requirements are listed in Section 5.

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	50 %
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	25 %

5. Solution Requirements

One NX1000 series cluster that would meet the requirements highlighted below. Please refer to Schedule D for a full list of required features

- i. Hypervisor – VMWare (pre-installed). FEA will be utilizing its existing VMware host licenses for this solution and the bidder need not include this in its pricing proposal.
- ii. Storage IOPS: 8,000 (80% Read & 20% Write)
- iii. Storage Capacity: Option A: 16TB usable, Option B: 24TB usable & Option C: 24TB usable
- iv. Power: Redundant power supplies for node/appliance

Appliance Specifications - Option A

Appliance	1 x Nutanix NX-1000 Series (with 4 nodes)
Per Node Configuration	
CPU	2 x E5-2630v2 [6 cores / 2.6 GHz]
Memory	64GB
Networking	2x 1 GbE, 1x 1GbE RJ45 (IPMI) & 2 X 1GbE RJ45
Storage	1x 800GB SSD & 2x 4TB HDD

Appliance Specifications - Option B

Appliance	1 x Nutanix NX-1000 Series (with 4 nodes)
Per Node Configuration	
CPU	2 x E5-2620v3 [12 cores / 2.4 GHz]
Memory	128GB
Networking	2x 1 GbE, 1x 1GbE RJ45 (IPMI) & Dual-Port 10 GbE
Storage	1x 1.2TB SSD & 2x 6TB HDD

Appliance Specifications - Option C

Appliance	2 x Nutanix NX-1000 Series (with 3 nodes each)
Per Node Configuration	
CPU	2 x E5-2630v2 [6 cores / 2.6 GHz]
Memory	128GB
Networking	2x 1 GbE, 1x 1GbE RJ45 (IPMI) & 2 X 1GbE RJ45
Storage	1x 800GB SSD & 2x 4TB HDD

Please provide proposals for the Pro & Ultimate Software editions.

The specifications are based on FEA's design. However bidders are also entitled to propose solutions they deem more suitable.

6. Product Support

Three (3) years Support & Subscription should be available for parts, services and subsequent Hyper-Converged server software version upgrades.

7. Training

FEA requires the selected supplier to organize/provide professional training for the installation, configuration & maintenance of the solution.

8. Delivery

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

9. 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, also utilizing Costing Summaries in Schedule C:

- Proposal for Products and/or Services
- Full Bill of Materials, including all necessary cables
- Delivery & Training Outline
- Customer References of similar projects
- Hardware/Software Certifications

The Proposal for Supplies or Services must clearly itemize all costs. The cost should include the following but not limited to:

- Hardware & Software Cost
- Warranty Cost
- Maintenance Cost

Bidders must submit proposal as Option 1 complying with the specifications in Section 5 which is mandatory. Any other solution proposed/offered by the bidder which is better and gives more value for money, such solutions may be submitted as Option 2, 3 etc.

10. Submission of Tenders

11. Submission of Tenders

Tenders must be lodged no later than 4:00pm, on **Wednesday 14th October 2015**.

Tender- Supply of Hyper-Converged Server Solution

12. Amendment of RFP

The FEA 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.

13. Cancellation/Termination of RFP

The FEA 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.

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			
(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	2012	2013	2014
Net profit before tax	2012	2013	2014
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:
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:

Schedule C – Commercial

Please provide all item cost details for your proposals in the following format, adding what may be deemed as necessary for FEA to clearly identify all costs including the training;

Option A:

Qty	Product	Product Description	Unit Cost	Total Cost
	Appliance	1 x (with 4 nodes)		
	Add-On Configs.			
	Shipping			
	3 years Support			
	Option Total			

Option B:

Qty	Product	Product Description	Unit Cost	Total Cost
	Appliance	1 x (with 4 nodes)		
	Add-On Configs.			
	Shipping			
	3 years Support			
	Option Total			

Option C:

Qty	Product	Product Description	Unit Cost	Total Cost
	Appliance	2 x (with 3 nodes each)		
	Add-On Configs.			
	Shipping			
	3 years Support			
	Option Total			

Schedule D – Required Solution Features

Enterprise Storage	Infrastructure Resilience	Data Protection	Security
Cluster Size (Unlimited)	Data Path Redundancy	1-1 Replication & Disaster Recovery	Client Authentication
Heterogeneous Clusters	Tunable Redundancy Factor (2 or 3)	Bi-directional Replication & DR	Cluster Lockdown
VM-centric Snapshots & Clones	Availability Domains	Online Cluster Grow/Shrink	Data-at-Rest Encryption
Data Tiering	Virtualization	VSS Integration	Management & Analytics
Inline Compression	vSphere & Hyper-V Support	Time Stream	Prism Element
Inline Performance Deduplication	VM Operations	Cloud Connect	Pulse
Compression	Intelligent VM Placement	Multiple Site DR (1-to many, many-to 1)	Cluster Health
Deduplication	Virtual Network Configuration	Metro Availability	One-click Upgrades (HyperCon Sever OS & Hypervisor)
	Host Profiles		Prism Central
			Rest APIs

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 14th October, 2015.**

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 additional, 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 **4:00pm, on Wednesday 14th October, 2015-** Addressed as

Tender – MR 150/2015 – Supply of Hyper-Converged Server Solution

**The Secretary Tender Committee
Fiji Electricity Authority
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 14th October, 2015** 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.**

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 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: _____