

MR 86/2018

**TENDER FOR THE FEA BACKBONE
COMMUNICATION NETWORK
UPGRADE PROJECT**

**TENDER FOR THE FEA BACKBONE COMMUNICATION NETWORK
UPGRADE PROJECT**

TENDER NO: MR86/2018

Tender Advertising Date: 24/02/2018

Tender Closing Date: 04/04/2018

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SECTION- I

**FIJI ELECTRICITY AUTHORITY.
2 MARLOW STREET
SUVA
FIJI**

NOTICE INVITING TENDER

Sealed Tenders are invited by FEA from reputable Companies and/or Suppliers, Local and/or Overseas, for the **SUPPLY OF CISCO NETWORK EQUIPMENT TO BE USED FOR THE FEA BACKBONE COMMUNICATION NETWORK UPGRADE PROJECT.**

Schedule to the invitation of tender:

No.	Item	Details
1	Tender No.	MR 86/2018
2	Time and last date of depositing Tender/Bid	4pm on Wednesday - 04/04/2018
3	Minimum Price Validity of Bid Offer	60 days
4	Details of Goods/Service to be supplied	Refer to Tender Scope
5	Web site address	www.evalua.com.fj/fea
6	Email Address	TDelairewa@fea.com.fj

Intending eligible Bidder/s may obtain Tender Document from Supply Chain Department or request it through email to Abduln@fea.com.fj

SECTION II

Signature of Bidder

Company Seal

INSTRUCTIONS TO BIDDERS**1. DEFINITIONS**

- a) "The Purchaser" or "Buyer" means the Fiji Electricity Authority. Herein referred to as FEA.
- 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/Contractor signed and approved 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/Contractor 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 Locally or in that particular Country.
- 2.2. The Bidder must have extensive experience and excellent background record in supplying similar goods and/or services and with a proven backup support.

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 4:30pm 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 the 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 information which includes email address, Fax Nos/Telephone No. on the Bid Form submitted by them.
- 5.3. In order to afford prospective Bidder 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. PREPARATION 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.

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 4th April, 2018**

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 4th April, 2018** - Addressed as

Tender – MR 86/2018 FEA Backbone Communication Network Upgrade
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 hard copy is dispatched to courier before the closing date and time. Please note courier submission date should be forwarded to FEA with your bid.**

Tenders received after **4:00pm** on the closing date of **Wednesday 4th April, 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 including any Duties/Taxes. Hard copies of the Tender submission via Post Box will not be considered.**

7. LATE BIDS

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

8. MODIFICATION AND WITHDRAWAL OF BIDS

- 8.1. The Bidder may modify or withdraw his/her 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.
- 8.2. The Bidder's modification or withdrawal notice shall be communicated via email to the email address provided, i.e. TDelairewa@fea.com.fj
- 8.3. As per Tender Document, no Bid shall be modified subsequent to the deadline for submission of Bids.

9. 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.

10. BID PRICES

- 10.1. The rates or prices quoted should remain current for a maximum period of 60 days from the date of acceptance of the Bid.
- 10.2. "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".
- 10.3. **Bidders must clearly indicate the quoted or offered price whether it is VIP or VEP, DDU or DDP.**
- 10.4. **Bidders must also state their proposed freight mode and freight cost.**
- 10.5. **Bidders are also required to provide itemise costing for all tendered items in the Section VII – Price Schedule.**

11. TENDER EVALUATION:

- 11.1. After the Bid are received, it will go through a normal Tender Evaluation Process as per FEA'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:

No.	Components	Weighting (%)
1	Financial Components	60%
2	Technical Capability - Proven quality of similar goods/services.	20%
3	Proven Background – in supplying similar goods/services and good record from other Purchasers	5%
4	Delivery Timeframe	5%
5	Backup Support – after sale service, Warranty, Spares, Support, etc.	10%

12. AWARD OF CONTRACT:

- 12.1. The Purchaser, reserves all 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.
- 12.2. The Purchaser, reserves the right to award the Tender to more than one Firm or Individual at his discretion.
- 12.3. Submission of Tender in response to this Tender Call will be taken to mean that all terms and conditions mentioned in this Tender Document are acceptable to the Tenderer or Bidder, and is agreeable to abide by them.

13. POWER OF ATTORNEY:

- 13.1. 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.

13.2. 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.

14. 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 required or expected work scope.

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 goods/services offered under this contract MUST satisfy the expected Technical Specifications Requirements.

3. PATENT RIGHTS:

The successful Bidder 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 FEA's Telecom Network.

4. PERFORMANCE SECURITY:

NIL

5. DELIVERY OF SERVICES:

Successful Bidder/s is expected to successfully, effectively, and safely supply all successful bided within the expected or agreed lead time. 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:

- 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 competitive financial offer mentioned in the Price Cchedule of Section VII (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

GENERAL AND SCOPE OF WORK

1. BACKGROUND INFORMATION:

1.1. FIJI ELECTRICITY AUTHORITY:

The Fiji Electricity Authority is a wholly Government owned statutory body that was established under the Fiji Electricity Act of 1966. FEA is responsible for the Generation, Transmission, Distribution, and Retail of electricity on the

two larger islands, Viti Levu and Vanua Levu, and also on the island of Ovalau and Taveuni, which account for some 90% of the Country's population.

It has a Total Generation Capacity of approximately 290MW and has a total of 145km of 132kV transmission line, 350km of 33kV line and more than 8,000 of 11kV line.

The Total number of Power Stations, Substations and offices at each Islands is listed in the table below.

	Site Category	No. of offices, Power Stations and Substations			
		Viti Levu	Vanua Levu	Ovalau	Taveuni
1	Power Stations	11	3	1	2
2	Substations	29	3		
3	Office	8	1		
	Total	48	7	1	2

1.2. OBJECTIVES BEHIND THE TENDER

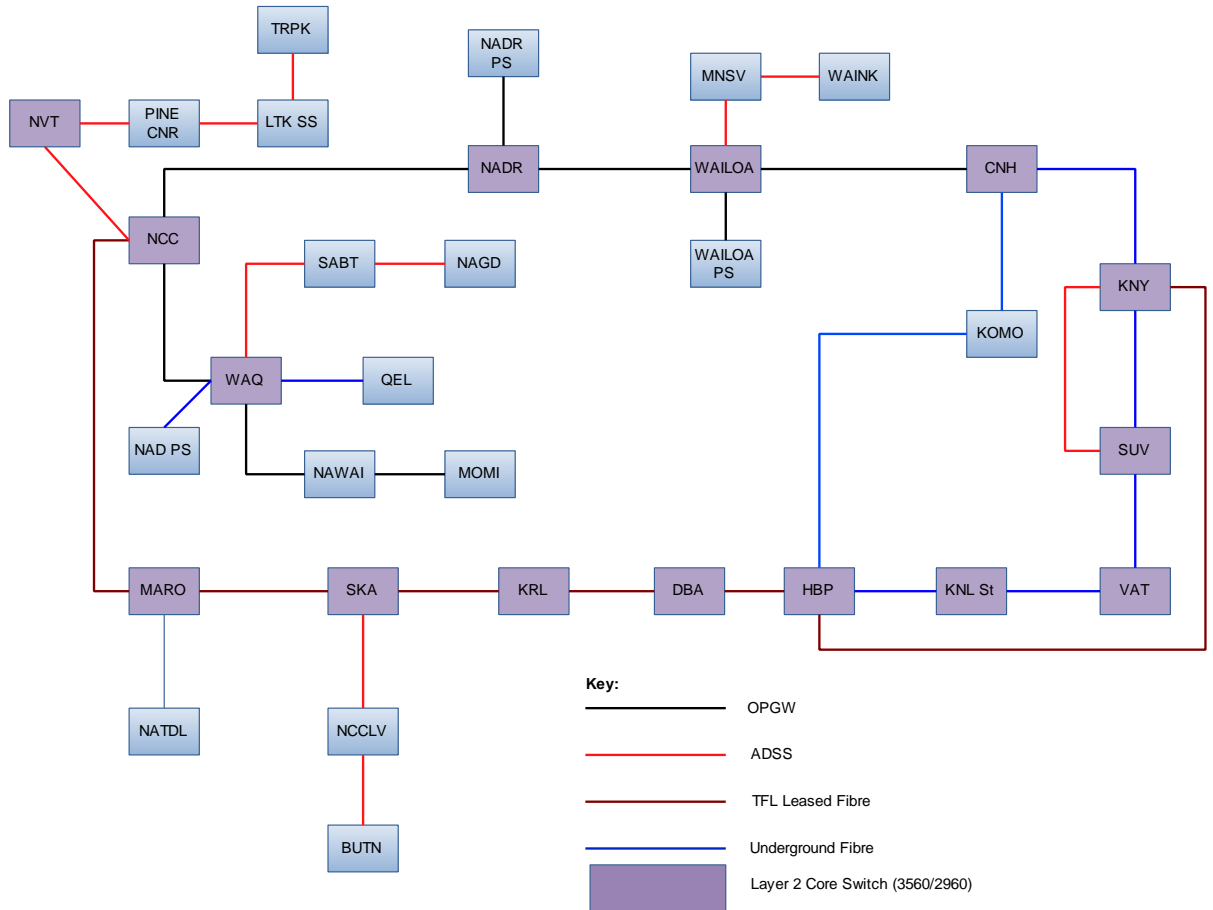
The proposed project involves a technology refresh of the FEA's network infrastructure, at the heart of which is an Ethernet Layer 2 switching that is now mostly over 10 years old. The existing Cisco network equipment has proved very reliable in operation and much of the FEA's business is now carried over it, but the Layer 2 switching technology have served its purpose and needs to be upgraded to Layer 3 as business requirements dictates.

The main objectives for the refresh are to significantly improve the following:

1. **Resilience.** Although the existing equipment has been very reliable, the network design has a single point of failure which can now be mitigated by technologies introduced since it was installed in 2005.
2. **Support.** The majority of switches are well past the date up to which they were supported by the manufacturer; FEA considers unsupported IT equipment to be an unacceptable risk, especially since some companies now sell switches with lifetime warranties.
3. **Speed.** Currently backbone connections are 100MB/s, and ACCESS switches and servers are connected to the core at 100MB/s. It is anticipated that both of these connection speeds will be improved by a factor of hundreds.
4. **Future-proofing.** Demand for bandwidth by media-intensive applications and new applications mean that the present switching architecture is likely to limit business activities. The replacement equipment will cater for current and future needs of the organisation.

1.3. EXISTING ARCHITECTURE

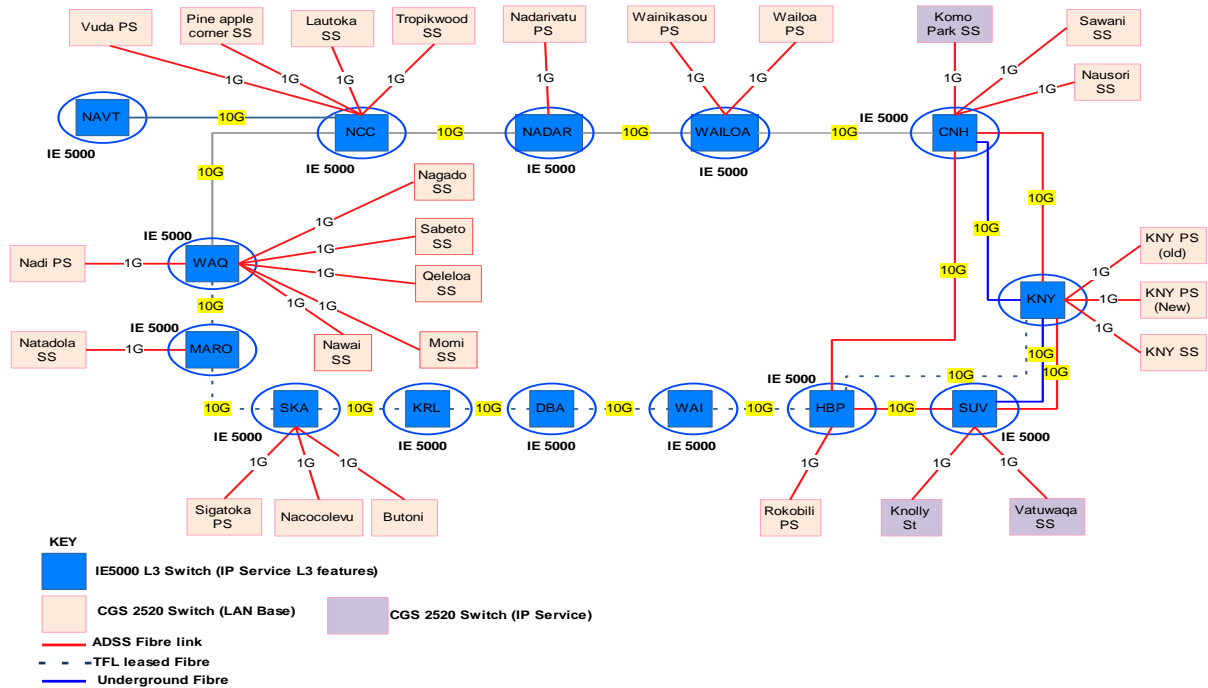
Core/Distribution switches are currently positioned at thirteen locations, all located in the main island of Viti Levu. They are all interconnected via 1GB fibre links. The network is configured as Layer 2 and no routing is available. The Figure below shows the existing network layout.



For locations where Core/Distribution switches are installed, client devices are directly connected to these switches. In this case, less than 6 clients (RTU, VOIP) are directly connected. Port capacity configuration for these clients is 10/100Mbps and is connected via copper.

1.4. PROPOSED DESIGN ARCHITECTURE

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A suggested design is shown above. It should be noted that the medium of communication is fibre. Distance between sites is shown as **Appendix 1**.

It is anticipated that the backbone uplink will have 10Gbps connecting each node and forming a RING network while the LAN link have 1Gbps uplink. The RING network design would provide link redundancy and improves system uptime.

All these links would require SFP module.

There are 11 sites connected via Vodafone leased line circuit. These sites connects direct with the NCC Backbone switch with link capacity of 10/100Mbps connectivity.

FEA is running 75 servers and all are located at the Suva Head Office server room. Operational staff at Navutu, Namoli, NCC, Wailoa, Levuka, Labasa, Taveuni and Savusavu depends on these servers to carry out their daily operational work. It is important that the proposed backbone communication network is reliable and efficient to allow operational staff to carry out their work efficiently.

While FEA intends to improve its communication infrastructure, the importance of securing its SCADA infrastructure cannot be overlooked. FEA is proposing to install Cisco ISA 3000 firewalls at each substation and power stations. Though we have a total of 55 sites, locations where the firewall will be installed will be finalised after the Tender.

2. SCOPE OF DETAIL WORKS:

2.1. The successful bidder is required to supply the following equipment to FEA ICT workshop, Navutu, Lautoka:

- a) **14 X Cisco Industrial Ethernet 5000 Series switch with the following product part numbers:**
- a. IE-5000-12S12P-10G (IP Service)
 - b. PWR-RGD-AC-DC-H
 - c. CON-SNT-IES12P50
 - d. SIE5UK9T-15202EB
 - e. CAB-CONSOLE-USB
 - f. IND-IE-PROMO
 - g. PWR-RGD-LOW-DC-H
 - h. Cisco Fibre Transceiver 10GB SFP Module (depending on the link distance – Refer to Appendix 1)
 - i. Appropriate switch software latest version that supports 10G fibre transceiver.

(Note: Refer to Section VII - Equipment listing & Price on the quantity of each equipment required)

- b) **37 x Cisco 2520 Connected Grid Switch with the following part numbers:**
- a. Cisco CGS-2520-16S-8PC (34 x LAN Base & 3 IP Service)
 - b. PWR-RGD-AC-DC-H
 - c. PWR-RGD-AC-DC-H
 - d. Small Form-factor Pluggable transceivers (SFP's) for fibre optic communication to suite link distance. Link distance is tabulated as **Appendix 1**.

(Note: Refer to Section VII - Equipment listing & Price on the quantity of each equipment required)

- c) 18 x Cisco Industrial Security Appliance (ISA 3000)
- a. ISA-3000-4C-K9=
 - b. 19" Rack mounting accessories

(Note: Refer to Section VII - Equipment listing & Price on the quantity required)

- d) **24 x 19inch, (2000H x 800W x 600D), Rittal Cabinet.** The Rittal cabinet shall be preinstalled with 5 x 110 D.C. and 4x 240V A.C. circuit breakers. The cabinet shall be installed with appropriate light on the inside top part of the cabinet and shall automatically switch ON when the door opened. The cabinet shall be accessible from front and rear. The front door to be transparent (viewing door Aluminium). The base plate shall contain holes with cable gland for running of the fibre optic cables and other communication cables. The PVC square wiring duct shall be preinstalled on both sides of the cabinet for running the communication cables to the cable management bar which shall be preinstalled below the location of the network switch.
- (Note: Refer to Section VII - Equipment listing & Price on the quantity required)**

- e) The successful Bidder shall deliver all equipment and/or materials to FEA's Navutu Depot, Lautoka & Kinoya Depot, Suva in the Republic of Fiji.

- f) Equipment furnished shall be complete in every respect with all mountings, fittings, fixtures and standard accessories normally provided with such equipment's and/or needed for erection, completion of installation and safe operation of the equipment's as required by applicable codes though they may not have been specifically detailed in this Tender Document.
- g) Bidder shall certify that all equipment (components/parts/assembly/software/ etc.) shall be original and that no refurbishment, duplicate, second-hand components, parts, assembly, or software are being used or shall be used.
- h) Bidder shall certify that any software (operating system or any embedded application) supplied with the equipment shall be original and legal copy is being supplied.
- i) Any supplied or embedded software or application MUST be free from any Malicious Code, Software, Trojans, Viruses, Worms, and Spyware in the equipment or system supplied.
- j) The Bidder shall be liable in any case of physical damage or loss of information, and those relating to copy right and Intellectual Property Right (IPR's) that are caused due to activation of any such malicious code, software, or embedded applications.
- k) The Bidder shall be responsible for providing all materials, equipment's, and services, specified or otherwise, which are required to fulfil the intent of ensuring operability, maintainability, and reliability of the complete equipment covered under this specification within his quoted price.
- l) The successful Bidder must be able to comply with the expected Delivery Timeline, which is TWO Months from receiving the FEA Purchase Order.
- m) The successful Bidder must be able to provide an expected warranty period of not less than 24 months, after the successfully delivering of all successfully bided equipment/materials.

SECTION VI.

TECHNICAL SPECIFICATION REQUIREMENTS

Cisco switch specification can be downloaded from the site below:

Cisco 2520 switch

1. https://www.cisco.com/c/en/us/products/collateral/switches/2500-series-connected-grid-switches/data_sheet_c78_593672.html
2. https://www.cisco.com/c/en/us/products/collateral/routers/2000-series-connected-grid-routers/order_guide_c11-609814.html

Cisco IE5000 switch

3. <https://www.cisco.com/c/en/us/products/collateral/switches/industrial-ethernet-5000-series-switches/datasheet-c78-734967.html>

Cisco SFP Module

4. <https://www.cisco.com/c/en/us/support/docs/interfaces-modules/cwdm-gbic-sfp/72370-sfp-trevr-mods.html>
5. https://www.cisco.com/c/en/us/products/collateral/interfaces-modules/transceiver-modules/data_sheet_c78-455693.html

Cisco Prime Infrastructure

6. <https://www.cisco.com/c/dam/en/us/products/collateral/cloud-systems-management/prime-infrastructure/presentation-c97-735996.pdf>

SECTION-VII

EQUIPMENT LISTING & PRICE SCHEDULE

FEA COMMUNICATION BACKBONE NETWORK UPGRADE1. Tender No. : **MR 86/2018**

2. Name of the Tenderer with Address :

3. Signature with Designation & Seal of the Tender Form issuing authority

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 rates/prices for **FEA COMMUNICATION BACKBONE NETWORK UPGRADE** based on the Scope of Works provided by FEA.

1. Pricing Template

No	Description	QTY	Delivery Term	Bid Currency	Unit Price	Extended Price	Freight include?	Duty Included ?	Total (VEP or VIP)
1	IE-5000-12S12P-10G (IP Base)	14							
2	PWR-RGD-AC-DC-H	26							
	PWR-RGD-LOW-DC	2							
3	CON-SNT-IES12P50	1 year	14						
		2 years							
		3 years							
	SIE5UK9T-15202EB								
4	CAB-CONSOLE-USB	14							
	IND-IE-PROMO	14							
5	10 GB Single Mode SFP FIBRE TRANSCEIVER - (Refer to Appendix A to obtain fibre distance to determine correct transceiver model)	36							
6	LAN Base	34							

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	CGS 2520 Industrial Ethernet switch	IP Service	3							
7	PWR-RGD-AC-DC		72							
8	PWR-RGD-LOW-DC		2							
9	CGS-2520 SMARTnet Series (optional)	1 year	37							
		2 years								
		3 years								
10	1 GB Single Mode SFP FIBRE TRANSCEIVER – (Refer to Appendix A to obtain fibre distance to determine correct transceiver model)		55							
11	19" Rittal Rack (refer to 2.1 (c))		24							
12	Cisco ISA 3000 (firewall) - ISA-3000-4C-K9= Note: to be supplied with its rack mount accessories		18							
13	Cisco Prime Infrastructure software (latest edition) – to manage 1000 devices		1							
14	Cisco Prime Infrastructure Service Level Agreement (optional)	1 year	1							
		2 years								
		3 years								
TOTAL PRICE OFFERED:										

Expected Delivery Time of all items: _____ Weeks

NOTE: FAILURE TO COMPLETELY FILL THE PRICING TABLE ABOVE WILL RENDER YOUR BID INCOMPLETE AND HENCE WILL BE DISQUALIFIED.

SECTION-VIII

REQUIRED INFORMATION AND BID FORM

Signature of Bidder

Company Seal

1. INFORMATION REQUIRED FROM BIDDERS FOR PROPER EVALUATION

For the proper, fair, and effective evaluation of all Bids, All Bidders MUST properly and clearly fill the required information in the table below: to confirm that all required or expected information and/or documents are being submitted in their proposed Bid Document.

No.	Information Required	Bidder's Information
1	Registered Name of the Company	
2	Physical Address	
3	Postal Address	
4	Email Address	
5	Contact Person	
6	Company Registration	
7	Insurance Cover Compliance	
8	Valid Period of the Price Offered (min 60 days)	
9	Warranty Period, Terms, and Conditions	
10	Equipment/Material Price Offered (Currency, VIP or VEP, DDU or DDP etc.)	
11	Price Inclusions and Exclusions Statement (clearly stated)	
12	For Overseas Bidders – Proposed Freight Mode and Freight Cost	
13	Proven experience of supplying similar goods/services – Company Name and Contacts	
14	Delivery Timeline for all goods/services being offered	
15	Any After-Sale Services provided or offered	
16	Backup Support, Spares, Repair and Replacement, etc.	
17	Any other relevant or supporting information or document.	

2. BID FORM

The Secretary, Tender Committee
Fiji Electricity Authority
Supply Chain Office

Private Mail Bag
Suva

Dear Sir,

1. Having examined the conditions of Tender **MR 86/2018** dated and the receipt of which is hereby duly acknowledged. We, the undersigned, offer to supply and deliver in conformity with the said conditions of Tender and Specifications for the sum shown in the Schedule of Prices attached herewith and made part of this Bid.
2. Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alterations and replacement.
3. We agree to abide by this Bid for a period of **12 months** from the date fixed for Bid opening or subsequently extended period if any. The bid shall remain binding upon us to the aforesaid period.
4. We understand that you are not bound to accept the lowest or any bid, you may receive.
5. If our Bid is accepted, we undertake to complete delivery of all the items and perform all the services specified in the work order in accordance with the delivery schedule specified.

Dated: day of 2018

Signature of the Bidder:

Name:

Address:

Seal:

Signature of Witness:

Name:

Address:

Seal of Witness:

Appendix 1 - Fiber Optic Distances

WAN Link				
	From	To	Fibre Distance (km)	Comments
1	NCC	Nadarivatu SS	63.25	10 GB uplink

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2	Nadarivatu SS	Wailoa SS	21.12	10 GB uplink
3	Wailoa SS	Cunningham SS	63.75	10 GB uplink
4	Cunningham SS	ICT Kinoya	3.92	10 GB uplink
5	ICT Kinoya	Vatuwaqa SS	5.78	10 GB uplink
6	Vatuwaqa SS	Knolly Street SS	5.2	10 GB uplink
7	Knolly Street SS	Suva SS	1.9	10 GB uplink
8	Suva HQ	Hibiscus Park SS	3.9	10 GB uplink
8	Hibiscus Park SS	Wailekutu SS	6.25	10 GB uplink
9	Wailekutu SS	Deuba PS	47	10 GB uplink
10	Deuba PS	Korolevu SS	53	10 GB uplink
11	Korolevu SS	Sigatoka PS	37	10 GB uplink
12	Sigatoka PS	Maro SS	25	10 GB uplink
13	Maro SS	Waqadra SS	65	10 GB uplink
14	Waqadra SS	NCC	17.245	10 GB uplink
15	NCC	Navutu	13.58	10 GB uplink
LAN Link				
1	NCC	Pineapple Corner	14.83	1 GB uplink
2	NCC	Lautoka SS	23.33	1 GB uplink
3	NCC	Tropikwood	33.45	1 GB uplink
4	NCC	Vuda PS	2.5	1 GB uplink
5	NCC	Waqadra	17.245	1 GB uplink
6	Waqadra	Nadi PS	1.6	1 GB uplink
7	Waqadra	Nawai	24.2	1 GB uplink
8	Waqadra	Momi	10.84	1 GB uplink
9	Waqadra	Sabeto	9.296	1 GB uplink
10	Waqadra	Nagado	19.416	1 GB uplink
11	Maro	Natadola	5.62	1 GB uplink
12	Sigatoka	Nacocolevu	10.21	1 GB uplink
13	Nacocolevu	Butoni	2.6	1 GB uplink
14	Cunningham	Sawani	26	1 GB uplink
15	Cunningham	Nausori	22	1 GB uplink
16	Wailoa SS	Wailoa PS	1.12	1 GB uplink
17	Wailoa SS	Wainikasou	22	1 GB uplink
18	Suva SS	Suva HQ	0.5	1 GB uplink
19	Suva SS	Knolly Street	1	1 GB uplink
20	Hibiscus Park SS	Komo Park	2.6	1 GB uplink
21	ICT Kinoya	Kinoya PS (new)	0.8	1 GB uplink
22	ICT Kinoya	Kinoya PS (old)	0.9	1 GB uplink
24	ICT Kinoya	Kinoya SS	0.7	1 GB uplink
25	NCC	Volivoli	-	10/100/1000
26	NCC	Rakiraki PS	-	10/100/1000
27	NCC	Tavua	-	10/100/1000
28	NCC	Rarawai	-	10/100/1000

TENDER FOR FEA'S COMMUNICATION BACKBONE NETWORK UPGRADE

29	NCC	Korovou PS	-	10/100/1000
30	NCC	Denarau	-	10/100/1000
31	NCC	FSC Lautoka	-	10/100/1000
32	NCC	GYMCO (Nawai)	-	10/100/1000
33	NCC	Somosomo	-	10/100/1000
34	NCC	Waiyevo	-	10/100/1000