



**FIJI ELECTRICITY AUTHORITY**

**BIDDING DOCUMENT**

**MR 205/2017**

**DESIGN, BUILD and CONSTRUCTION OF**

**RARAWAI SUBSTATION BUILDING**

**CIVIL CONSTRUCTION**

# INVITATION FOR BIDS

**Date: 5<sup>th</sup> August, 2017**

**Tender No: MR 205/2017**

The Fiji Electricity Authority ("the Employer") invites sealed bids from eligible civil Construction bidders for Engineering Design-build and Construction and completion of Rarawai Substation Building in the Western region of the main island, Vitilevu. All works shall be undertaken to Fiji National Building Code, National Fire Authority (NFA) Requirements and relevant IEC/BS/ASNZ standards.

Bidders may obtain further information from, and inspect and acquire the bidding documents, at

Rarawai Substation – CIVIL CONSTRUCTION  
Tuvitu Delairewa  
General Manager Commercial  
2 Marlow Street,  
Suva, FIJI.  
Phone: 679 3224 185  
Facsimile: 679 331 1882  
Email: [TuvituD@fea.com.fj](mailto:TuvituD@fea.com.fj)

A mandatory site visit is scheduled at **2pm on Wednesday 9<sup>th</sup> August, 2017** at **Rarawai Substation**.

All bids must be delivered to Tuvitu Delairewa, General Manager Corporate Services, 2 Marlow Street, Suva, Fiji, Phone: (679) 3224 185, Facsimile: (679) 331 1882 Email: [TuvituD@fea.com.fj](mailto:TuvituD@fea.com.fj) at or before 1600 hours Fiji Local times on Wednesday, 16<sup>th</sup> August, 2017.

## Section 1. Instructions to Bidders

- 1. Scope of Bid** The Fiji Electricity Authority (hereinafter referred to as "the Employer"), wishes to receive bids for design-build and Construction– CIVIL Construction only , and completion of Rarawai Substation Building Construction as defined in these bidding documents (hereinafter referred to as "the Works").
- The successful bidder will be expected to complete the Works within **2 months** from the date of commencement of the Works.
- 2. Eligible Bidders** This Invitation to Bid is open to bidders who have sound financial background and have previous experience in handling such civil projects.
- Bidders shall provide such evidence of their continued eligibility satisfactory to the Employer as the Employer shall reasonably request.
- Bidders shall not be under a declaration of ineligibility for corrupt or fraudulent.
- 2. Eligible Materials, Equipment and Services** The materials, equipment, and services to be supplied under the Contract shall have their origin from reputable companies from various countries and all expenditures made under the Contract will be limited to such materials, equipment, and services. At the Employer's request, bidders may be required to provide evidence of the origin of materials, equipment, and services.
- 3. Qualification of the Bidder** To be qualified for award of Contract, bidders shall submit proposals regarding work methods, scheduling and resourcing which shall be, provided in sufficient detail to confirm the bidder's capability to complete the works in accordance with the specifications and the time for completion.
- 4. Cost of Bidding** The bidder shall bear all costs associated with the preparation and submission of its bid and the Employer will in no case be responsible or liable for those costs.
- 5. Site Visit** The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for the design-build and completion of the Works. The costs of visiting the Site shall be at the bidder's own expense. The pre-bid meeting is scheduled on Wednesday 9<sup>th</sup> August at 2pm Rarawai Substation, beside FSC Mill in Ba.
- 6. Sealing and Marking of Bids** The bidder shall seal the original copy of the technical proposal, the original copy of the price proposal and each copy of the technical proposal and each copy of the price proposal in separate envelopes clearly marking each one as: "ORIGINAL-PROPOSAL", and "COPY PROPOSAL", etc. as appropriate.
- The bidder shall seal the original bids and each copy of the bids in an inner and an outer envelope, duly marking the envelopes as "ORIGINAL" and "COPY".
- The inner and outer envelopes shall
- be addressed to the Employer at the following address: Tuvitu Delairewa  
General Manager Corporate Services 2 Marlow  
Street, Suva, FIJI. Phone: 679 3224 185  
Facsimile: 679 331 1882 Email:  
[TuvituD@fea.com.fj](mailto:TuvituD@fea.com.fj)  
And
- bear the following identification:
- Bid for: Rarawai Substation – CIVIL Construction
  - Bid Tender Number: MR 205/2017
  - DO NOT OPEN BEFORE **Wednesday, 16<sup>th</sup> August, 2017**

- 7. Deadline for Submission of Bids** Bids must be received by the Employer at the address specified above no later than 1600 hours (Fiji Time) **Wednesday, 16<sup>th</sup> August, 2017.**
- The Employer may, at its discretion, extend the deadline for submission of bids by issuing an addendum, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will thereafter be subject to the deadlines extended.
- 8. Late Bids** Any bid received by the Employer after the deadline for submission of bids prescribed in Clause 23 will be rejected and returned unopened to the bidder.
- 9. Modification and Withdrawal of Bids** The bidder may modify or withdraw its bid after bid submission, provided that written notice of the modification or withdrawal is received by the Employer prior to the deadline for submission of bids.
- The bidder's modification or withdrawal notice shall be prepared, sealed, marked and delivered in accordance with the provisions of Clause 22, with the outer and inner envelopes additionally marked "MODIFICATION" or "WITHDRAWAL", as appropriate. A withdrawal notice may also be sent by fax but must be followed by a signed confirmation copy.
- No bid may be modified by the bidder after the deadline for submission of bids.
- 10. Employer's Right to Accept any Bid and to Reject any or all Bids** Notwithstanding Clause 34, the Employer 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 thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the Employer's action.
- 11. Notification of Award** Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder by fax, confirmed by registered letter, that its bid has been accepted. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") shall name the sum which the Employer will pay the Contractor in consideration of the execution, completion and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called "the Contract Price").
- The notification of award will constitute the formation of the Contract.
- Upon the furnishing by the successful bidder of a performance security, the Employer will promptly notify the other bidders that their bids have been unsuccessful
- 12. Signing of Contract Agreement** At the same time that he notifies the successful bidder that its bid has been accepted, the Employer will send the bidder the Form of Contract Agreement provided in the bidding documents, incorporating all agreements between the parties.
- Within 7 days of receipt of the Form of Agreement, the successful bidder shall sign the Form and return it to the Employer.
- 13. Corruptor Fraudulent Practices** The Employer requires that the Contractor observe the highest standard of ethics during the procurement and execution of such contracts. In Pursuance of this policy, the Employer:
- (a) defines, for the purposes of this provision, the terms set forth below as follows:
- (i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully

enrich themselves and/or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; and

(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

Furthermore, bidders shall be aware of the provision stated in Sub-Clause 1.16 and Sub-Clause 15.5 of the Conditions of Contract, Part II - Conditions of Particular Application.

# Employer's Requirements – Scope of Works

The building upgrade of Rarawai Substation is the second phase of the work whereas the first phase of work was completed in the year 2016. This upgrade is carried out to facilitate more equipments in the substation and increase the standard of the building. Also, it is to phase out the wooden structure which is used in the building.

The contractor shall be responsible for the Design-Build and Construction of the building at Rarawai Substation. The contractor shall meet Fiji National Building code, National Fire Authority (NFA) code and Electrical IEC/BS/AS/NZ standards.

The scope of work for the contractor are as below.

## A. Roofing

The wooden roof structure, on the old building, shall be completely removed and be replaced with same structure(s) as of new extension. All roofing structures shall be structural steel including bolts and nuts. Structural steel members shall have appropriate rust protection system zinc galvanizing. Roofing shall be a tested and approved Colorbond (Klip-lok from BHP). Cyclone certified and approved roofing screws shall be used and not nails.

All building designs shall be carried out by an engineer/engineering firm recognized by the Insurance Council of Fiji. The building shall be designed to “Structure Importance Level – 4” in accordance to Table 3.1 of AS/NZS 1170 Part 0.

A copy of signed and approved “FOR CONSTRUCTION” drawing shall be kept at the construction site at all times, and a copy forwarded to FEA.

The Contractor shall get all statutory approvals and consents in place before construction works starts. All reinforcement steel and structural steel shall be inspected and approved by the design engineer, before commencement of concrete pour or commencement of next activity in case of structural steel. A copy of Documentary evidence of all such approvals shall be kept on site, with photographs, where applicable.

## B. General Specification

Below shall be complied:

- a. Painting shall be to FEA approved colors and standard. The paint shall have a guarantee of 15 years, preferred is Dulux Exterior and Interior Paints. The contractor shall paint the new extension building together with the storage room and the existing building as well with the old building to FEA colours. It shall include the exterior and interior walls together with the floor as well.
- b. For all finishing works, cement boards shall be used and no wood.
- c. All doors and windows shall be sealed. On extreme weather conditions, water shall not seep in from the windows or doors.

- d. All air ventilation and open spaces on the ceiling shall be sealed to restrict outside air to flow inside the control building.
- e. 30mm X 600 porcelain tiles shall be installed inside the control building, battery room and SCADA Room as well. The contractor should keep in mind the new tiles shall not distract the opening and closing of the 11kV Switchgear Panel Doors and the Control Panel doors. If it does, then it is contractor's responsibility to make prior adjustments to the floor or tiles so the panel doors does no come in contact with the tiles. The tiles shall be leveled and bidder may been to chip and re-plaster in some locations

#### Air-Condition Unit

- a. The contractor shall install 2 x 12, 000 BTU for Control Room, DAIKIN Brand. Before installation, the contractor shall liaise with FEA staff on which location to install.
- b. 2 x 9,000 BTU for SCADA and Battery room
- c. The contractor shall seal off all the open spaces in the building such as roof gaps and air ventilation gaps.

#### Building and External Lights

All lighting shall be LED Philips/ Thorn Brand.

- a. Lighting level shall be as per AS/NZ standards.
- b. All fittings shall be of higher quality and impervious to corrosion.
- c. Emergency lighting system will be connected to both AC and DC system using FEA 110V DC battery.
- d. All lightening from the existing building shall be replaced to the ones from new building.
- e. Shall be one common switch to switch on the lights of both the new extension and existing building.

#### B. Trenches

- a. Contractor shall replace al damaged chequer plates and install where ever the plates are required.

#### C. Drainage System

- a. All surface water drainage system shall be connected to public water supply system.
- b. There shall be proper drainage after the replacement of the roof. There shall be proper guttering and downpipes connecting to the main drain.
- c. Provide a drain management plan.

#### D. Landscaping

- a. It is contractor's responsibility to replace all damaged crushed metal or where ever the ground surface is damaged.
- b. As required for the layout complete with concrete and screened 40mm crushed metal with weed mats as per IEC/BS electrical standard. The contractor shall put crush metal on the extended yard only together with the weed mats.

- c. AS/NZ Weed control mat entire substation perimeter suitable for Substation weed management.

#### E. Site Clearing

It shall be contractor's responsibility to clear the work site with all debris and waste material once the construction works is complete.

It shall be contractor's responsibility to cut and remove any tree or debris prior to start with the construction works. Dispose in discussion with respective municipality.

#### F. Price and Payment

- a. The Contract Price is to be on a Lump Sum basis. The tenderer is to submit a breakdown of the various components of the project.
- b. The Contractor's request for payment shall be made to the Authority in writing, accompanied by invoice(s) describing, as appropriate, and services performed, together with other documents as may be required by the Authority. Payments shall be made promptly by the Authority, within thirty days of submission of an invoice/claim by the Contractor.
- c. The Contractor is eligible for payment after completion of the Contract. No partial payments will be made.
- d. If the contractor fail to complete the project before the due date, FEA have the right to engage another contractor to complete the project, hence affecting the total amount of payment.

#### G. Validity

The Tendered Price is to remain valid for a period of 60 days after the closing date of the tender.

#### H. Contractors Requirements

- a. Ensure to submit the CIVIL Engineer that shall be carrying out the Substation building design.
- b. Ensure all Council approvals is compliant and all council dues are contractors responsibilities
- c. Previous Project History.



## L. Price Breakdown

Please fill in the price breakdown details as required.

<b>Item</b>	<b>Description</b>	<b>Fijian Dollars Amount (FJD) including VAT</b>
1	Total Civil Cost (Roof Replacement)	
2	Total Electrical Cost (Lights and A.C Installation)	
6	Others, if any.	
	<b><i>Project Total</i></b>	

**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: \_\_\_\_\_

## **Submission of Tender**

**Two (2) hard copies** of the tender bids in sealed envelope shall be deposited in the tender box located at the Supply Chain Office at the FEA Head Office, 2 Marlow Street, Suva, Fiji.

**Courier charges for delivery of Tender Document must be paid by the bidders.**

This tender closes at **4:00 p.m. (16.00hrs Fiji time)** on **Wednesday 16<sup>th</sup> August, 2017**

**Site Visit: FEA's Rarawai Substation at 2.00 pm on Wednesday 9<sup>th</sup> August, 2017**

Each tender shall be sealed in an envelope with:

The envelope bearing only the following marking:

**TENDER No. MR 205/2017**

**Design, Build and Construction of FEA's Rarawai Substation Building Civil Construction**  
**- 2<sup>nd</sup> Phase**

The Secretary, Tender Committee  
Fiji Electricity Authority  
Supply Chain Office  
Private Mail Bag, Suva

**It must also indicate the name and address of the tenderer on the reverse of the envelope.**

**All late tenders, unmarked Envelopes and envelopes without bidder's name and address on the reverse on the envelope will be returned to the Tenderers unopened. (Bids via e-mail or fax will not be considered).**

**The bidders must ensure that their bid is inclusive of all Taxes payable under Fiji Income Tax Act and must have the most current Tax Compliance Certificate.**

For further information or clarification please contact our Supply Chain Office on phone **(+679) 3224360** or **(+679) 9991587**.

**Bidders are requested to submit a:**

- **Valid Tax Compliance Certificate**
- **FNPF Compliance Certificate**