Tender #: MR 97/2016

Scope of Works

For the

Extension and Modification

of

Rarawai Substation building, Ba

1.0 CONDITIONS OF TENDER

1.1 TENDER DOCUMENTS

Tender documents comprises of following eligibilities:

To be eligible for the work, all bidding contractors must fulfill the following which are mandatory for any contract work within F.E.A premises. The Contractor must provide the following:

1.1.1. Provide evidence of similar work undertaken in the last five years.

1.1.2. Provide supporting evidence of its HSE policy.

1.1.3. Provide a Health and Safety Plan specific to the scope of works.

1.1.4. Provide evidence of current insurance

a) Contactors risk - $500,000

b) Public Liability - $500,000 and

c) Workers compensation - $250,000.

1.1.5. Submit your Company profile.

1.2 NATURE OF TENDER

The contract for which a tender is required in accordance with these conditions is a **Fixed Lump Sum Contract** with no provisions for labour and material fluctuation in prices. If the Contractor feels that any other work will still be required, in addition to the scope of works, that is deemed necessary for the substation, then it can be identified separately as a Provisional Sum.

1.3 LODGEMENT OF TENDER

1.3.1 Tenders shall close at 1600 hours on **Wednesday 28 September 2016**

1.3.2 Each tender shall be sealed in an envelope with:

a) The envelope bearing only the following marking:

- The Secretary ,Tender Committee
  Fiji Electricity Authority
  Supply Chain Office
  Private Mail Bag
  Suva
- Tender Number: MR 97/2016
- Tender Name : Extension and Modification of Rarawai Substation Building, Ba

b) It must also indicate the name and address of the Tenderer.

All late tenders, unmarked Envelopes and envelopes without bidders name and address on the reverse will be returned unopened to the Tenderers.

1.4 ACCEPTANCE OF TENDER

The Authority shall not be bound to accept the lowest or any tender or to assign any reason for the rejection of a tender and reserves the right to waive any informality in a tender.

When so stated in the tender documents, the Authority may accept a tender for less than the whole of the work described in such documents.

No tender shall be deemed to have been accepted unless such acceptance is notified to the tenderer by notice in writing either by handing such notice by cable, facsimile or airmail post. Such notice shall include any essential identifying details of the tender.

1.5 TENDER VALIDITY

All complying Tenders shall remain valid for a period of ninety days from the closing date of tender.

1.6 Site Inspection

All interested bidders must attend a compulsory site visit on **Tuesday 20 September 2016** at **9:30am** at Rarawai Substation, Ba. For any further information and clarification please contact our Supply Chain Office on phone 3224360/9991587

All tenderers shall inspect and examine the site and existing condition of the substation, its surroundings, and shall satisfy himself/herself before submitting the tender, as to the quantities and nature of the work and materials necessary for the completion of the Works and the means of access to the work site.

1.7 PROGRAMME

The Contractor shall submit to the Authority, for approval, a program showing the order and duration, in which he proposes to carry out the Works.

1.8 CONTRACT AGREEMENT

The Authority will write and inform the successful contractor for contract agreement after evaluating the tender.

2.0 ENQUIRIES

Supply Chain Office, Head Office Suva

Telephone : 3224360

3.0 Scope of Works for Extension & Modification at FEA's Rarawai Substation

3.1. Carry out extension as per floor plan provided. Ensure the extended portion walls and roofing matches the present building. The contractor shall submit the test certificates for the roof cladding and fastening system to show compliance to the relevant Australian Standards.

3.2. Extend cable trench from existing building to new extension. A cable trench plan will be submitted. Trench to include HD cable entry ducts of 150 diameter and to be as per plan provided.

3.3. Demolish walls marked on the plan provided and ensure neat finishing. Any wall demolition that requires the roofing to be supported needs to be planned such that the strength of the roof support is not compromised. Install 150mm steel beam as rafter/bottom cord for strength.

3.4. Submit proposal for roof re-alignment to cater for wall demolition and building extension.

3.5. Relocate double Steel Doors to new extended wall.

3.6. Provide for new double steel doors similar to existing double doors to be mounted on front wall.

3.7. Paint all extensions to match the existing paint of the building, inclusive of roofing, floor paint and checker plate paint. Paint to be Taubmans brand with details to be provided by FEA. 3 layer paint system (1 x sealer undercoat, 2 x final coat).

3.8. Provide and install 6mm thick galvanized steel checker-plates of the shapes and sizes as per the attached sketch.

3.9. All construction materials to be of metal (steel and aluminum) – no wood should be used for any purpose in the building.

3.10. Walls to be partioned by 6" blocks.

3.11. Install lights and power points for the new building.

3.12. Trench steel Heavy Duty C channel 100mm.

3.13. Rebuild the existing trench after removal of switchgear.

3.14. FEA to relocate the capacitor bank poles.

3.15. FEA to supervise the work 100%.

4.0 Substation Safety

4.1 FEA wishes to keep the substation "live" during the above proposed works. Hence, the Contractor is required to provide scaffolding and a working platform over the switch gears. All such scaffolding and platform shall be properly secured and covered as to prevent any person or tools from falling and making contact with the switch-gears.

4.2 All staff and personnel of the Contractor will be required to undergo a safety induction, carried out by FEA, before the commencement of the works.

4.3 In case of roofing modification, to protect the switch-gears from rain and adverse weather, the Contractor shall provide a high density tarpaulin of the size: 30' x 40'. At

the end of each day's work, the entire substation roof shall be covered by this tarpaulin and properly secured. Upon completion of the works, this tarpaulin shall be handed over to FEA.

4.4 The Contractor shall undertake the extension first and wall demolitions afterwards. It is expected that maximum resources of the Contractor be used to complete the roof works in the least possible time.

4.5 Once the roof works are complete, the scaffolding and platform over the switch-gears will then be removed to allow works inside the building to commence.

4.6 To minimize any risk, the Contractor shall carry out the paint works on each wall at a time.

4.7 Works outside the building can be carried out at the Contractors convenience. However, FEA may impose movement restrictions to workers within certain section of the substation boundary.

5.0 Construction Rubbish &Demolished Material

5.1 All construction rubbish is to be disposed off-site by the Contractor.

5.2 All demolished material from the existing roof that are deemed to be still useable (roofing iron and timber), are to be delivered to the FEA Stores at Navutu.

SUBMISSION OF TENDERS

Bidders are required to submit two (2) hard copies of the tender, one original and one copy in the tender box located at the FEA Head Office, 2 Marlow Street, Suva, Fiji no later than **4:00pm, on Wednesday 28th September, 2016 -** Addressed as

Tender – MR 97/2016 – Extension and Modification of Rarawai Substation Building, Ba

The Secretary Tender Committee
Fiji Electricity Authority
Head Office
Suva
Fiji

This tender closes at 4:00p.m (16.00hrs Fiji time) on Wednesday 28th September, 2016.

Site Visit: Rarawai Substation, Ba at 10am Tuesday 20th September, 2016.

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.

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