

# **FIJI ELECTRICITY AUTHORITY**



## **TENDER SPECIFICATIONS**

### **TENDER**

**TENDER NO: MR 30/2017**

**Civil Works - Somosomo Hydro Dam**

## **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. 01/03/2017**

**Site Visit: 11.00am on Tuesday 28<sup>th</sup> February, 2017 at FEA's Somosomo Power Station, Taveuni.**

Each tender shall be sealed in an envelope with:

The envelope bearing only the following marking:

**Tender- MR 30/2017 – Civil Works - Somosomo Hydro Dam**

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 of the envelope. (Bids via e-mail or fax will not be considered).**

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

# **Civil Works - Somosomo Hydro Dam**

## **Scope of Works**

### **1. River Widening:**

- a. Remove rocks and boulders from the river channel to widen it as directed by FEA Representative during the site visit.
- b. Use a rock breaker, if necessary, to dislodge fractured rock for the widening exercise.
- c. Widening to be carried out over approximately 20 meters of the river, ending at the dam reservoir.
- d. Removed rock shall be placed properly at the right bank as embankment protection.
- e. Any soil or silt removed shall be disposed off-site, at a location shown by the FEA Representative.

### **2. Repair of Shotcrete:**

- a. Excavate and remove damaged shotcrete.
- b. Remove all soft backfill over the damaged area, until solid rock face is reached.
- c. Spread and secure a layer of 665 mesh over the repair area, over lapping the joints appropriately, and overlap the existing shotcrete by minimum 2.0 meters.
- d. Apply 150mm thick, 15MPa shotcrete over the repair area. Contractor to propose shotcrete mix design with the tender and test samples taken during construction for verification of achieved strength.
- e. Repair area is approximately 6m high and 10m long. This will be verified during the site visit.
- f. All soil or silt removed shall be disposed off-site, at a location shown by the FEA Representative.

### **3. General:**

- a. The duration of the above works shall be ten (10) working days to ensure the site is ready for the Prime Ministers opening scheduled for mid-February. The Contractor is requested to allow for adequate number of machinery and labor to ensure this strict timeline is achieved.
- b. Failure to achieve the timeline shall subject the Contractor to Liquidated Damage charges of \$2000/day over and above the agreed completion day.
- c. FEA will provide laydown and storage areas at the Somosomo Dam. However safety and security of personnel, material and machinery shall be the Contractors responsibility.
- d. Contractor shall abide by all local and statutory laws and requirements, such as OHS etc.
- e. The site shall be left in a neat and tidy condition after the completion of the works.

### Civil Works – Somosomo Hydro Dam

Item	ITEM DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	River Widening		
2	Repair of shotcrete		
3	Accommodations and Mobilization to site		
4	Transportation of equipment and materials to site		
	<b>TOTAL (VEP)</b>		
	<b>VAT 9%</b>		
	<b>TOTAL (VIP)</b>		

#### Notes:

1. All Sub-contractors to be used for any part of the works are to be declared.
2. FEA financial terms are applicable for these works.
3. Site inspection is mandatory.
4. The duration of the above works shall be ten (10) working days to ensure the site is ready for the Prime Ministers opening scheduled for mid-February. The Contractor is requested to allow for adequate number of machinery and labour to ensure this strict timeline is achieved.
5. Failure to achieve the timeline shall subject the Contractor to Liquidated Damage charges of \$2000/day over and above the agreed completion day.
6. FEA will provide laydown and storage areas at the Somosomo Dam. However safety and security of personnel, material and machinery shall be the Contractors responsibility.
7. Contractor shall abide by all local and statutory laws and requirements, such as OHS etc.
8. The site shall be left in a neat and tidy condition after the completion of the works.