



FIJI ELECTRICITY AUTHORITY

TENDER DOCUMENT

TENDER NUMBER: MR 360/2017

TENDER NAME: Preferred Supplier - Supply and Delivery of Concrete Ready Mix for Underground Cabling Works between Suva & Nausori

FIJI ELECTRICITY AUTHORITY

TENDER No. MR 360/2017

Preferred Supplier - Supply and Delivery of Ready Mix Concrete for Underground Cabling

Works between Suva & Nausori

The Fiji Electricity Authority (FEA) is requesting proposal from Interested Suppliers to supply and deliver 220 cubic meters (m³) of 20MPA concrete ready mix required for the purpose of reinstatement of footpaths during 33kV underground Cable Installation Works from Cunningham Zone Substation, along Cunningham Road, Princess Road, and Reservoir Road, to Hibiscus Park Zone Substation.

Interested Bidders are to meet at the FEA's Kinoya Depot at **10.00am on Tuesday the 19th of December, 2017** for the project briefing and site visit. **SITE VISIT IS COMPULSORY ATTENDANCE WILL BE TAKEN.**

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

This tender closes at 4.00pm (16.00hrs Fiji Time) on **Wednesday, 27th of December, 2017.**

1.0 Scope

1. The Supplier shall be fully responsible for the process to determine the ingredient that will make up the concrete and their portions, providing machinery, carting and delivery of 20MPA concrete ready mix to the project site as mention above.
2. Loading and delivery of the Ready Mix will be the responsibility of the Supplier.
3. The Quantity of Concrete Ready Mix required, will be requested by the FEA Representative and the Contractor shall be responsible for delivering the required amount on time. Prior to calling the ready mix truck at a specified time and location, FEA contractor responsible for reinstating the foot path, will arrange for other materials such as laying of mesh, plastic bar chairs and will be ready before hand.
4. FEA representative will be showing interested Bidders offload locations at the site.
5. No royalty is payable by the FEA to any party for the supply of 20MPA ready mix.
6. Any damage to the roads, vehicles and machines during the transportation process is entirely the Supplier's risk and responsibility.

7. FEA shall establish the successful bidder(s) as a preferred supplier and multiple small quantity purchase orders shall be furnished as deemed necessary and required by FEA.

2.0 Technical Specifications

The requirement for 20MPa Concrete Ready Mix to conform to FEA standards ensures that no Health and Safety risk exists for workers.

Contractors & Suppliers shall ensure that concrete ready mix used for reinstatement purposes by FEA works shall comply with these specifications. FEA reserves the right to request that suppliers and contractors provide evidence of compliance to the standards mentioned below.

Specification for Ready Mix Concrete

Minimum cementitious Content of designed mix concrete of grade 20 or greater with 20mm nominal maximum aggregate size.

Grade Strength (MPa)	20	25	30	35	40	45	50
Minimum cementitious content (kg/ m ³)	270	290	310	330	350	375	400

The total mass for standard mix concrete is specified below.

Grade Strength (MPa)	Nominal maximum aggregate size (mm)	40	20	10
	Slump value (mm)	85-170	75-150	65-130

10	Mass of total aggregate (kg)	800	690	-
20		550	500	400
25		490	440	360
30		440	380	300

3.0 Standards Applicable to this tender

AS2758.1-2009: Specifications for Aggregates from Natural Source for Concrete

This standard provides the requirement for aggregates used in concrete. Aggregate produced from rock, gravel, metallurgical slag or suitable synthetic materials may be used provided the particular criteria set out for the aggregate is met. AS 2758.1 sets out the requirements for the quality of a material source and the properties of the coarse and fine aggregate.

AS 1379-2007: Specification and Supply of Concrete

This standards sets out the minimum requirement for:

- a) The materials, plants and equipment used in the supply of concrete;
- b) The production and, if applicable, the delivery of concrete in the plastic state;
- c) Specifying, sampling, testing and compliance with specified properties of plastic and hardened concrete; and
- d) The uniformity of mixing.

This standards applies to the supply of all concrete. It is not intended to apply to mortars or grouts.

The only water considered to be available for hydration of cementitious materials is the “total free water’ being added water and the surface moisture of the aggregates.

4.0 Bidders Eligibility Details

Registration & Other Information

The following information is required with the offer letter:

- i. Registration details of the company.
- ii. Occupational Health & Safety Policy of the company.
- iii. Certificates and work experience of employees.
- iv. List of tools, equipment, machines and safety gears

The tender bid may not be considered if the above information is not attached with the offer letter.

The Supplier is to confirm in writing in their offer letter that they will submit the following information within five (5) days prior to the award of the contract:

- i. Insurance cover for workers' health and safety.
- ii. Public liability cover.
- iii. Safety Management Plan.

The award will be cancelled if the contractor is unable to provide the above information on time.

Contractor Personnel

The Supplier shall only employ Licensed Machinery Operators/ Heavy Goods Operators and they shall be available on site as and when required by the FEA in 24 hours of the request.

Other value added services.

The bidder is open to include any other information that may add value to services.

5.0 Tender Evaluation Criteria

No.	Criteria	Weighting
1	Supplier background and history in the supply of Ready Mix	10%
2	Material source, quantity availability	10%
3	Production site, stockpile	10%
4	Delivery trucks	10%
5	Technical compliance	20%
6	Price	40%

After the bids 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 successful bidder will enter into a 1 or 3 years contract with FEA (Whichever applicable) as mutually agreed. All terms and conditions, and pricing details will be stipulated in contract documents.

6.0 Pricing Schedule

The Supplier shall submit the lump sum VIP price in Fijian currency to carry out the following works. The Supplier shall submit his price for the Supply of 220m³ of 20MPA Concrete Ready Mix to Project Site, Including Cartage, Delivery, etc. in the following manner.

Item	Description	Quantity Required	Unit Price of 20MPA Concrete Ready Mix (FJD VIP) (Price/m ³)	Total Price (FJD VIP)
1	Supply and Cartage of 20MPA Concrete Ready Mix	220m ³		

Please note that the unit price is cost inclusive of cartage of 20MPA ready mix delivered anywhere between Suva and Nausori.

Unit Prices

Bidders are to submit unit prices for the supply of 20MPA concrete ready mix. This is applicable to delivery of 20MPA concrete ready mix on other location and to be used as a preferred supplier of 20MPA Concrete Ready Mix.

Item	Description	Prices (FJD VIP)
1	Ready Mix per Cubic Meter (\$/m ³)	
2	Cost of Opening of Batch Plant after Hours/Weekends	

6.0 Trucking Information

Item	Description	Quantity
1	Number of Trucks that will be used in the supply	
2	Maximum Loading Capacity per Truck. Bidders shall give a list of trucks and their capacity if the truck capacity varies.	
3	Maximum quantity that the supplier can deliver in one day.	

The offloading areas are along Multiple Road Side location along the cable route (Cunningham Road, Princess Road & Reservoir Road) which will be shown to the Contractors by FEA Site Visit Representative. Also, the bidder will be responsible for supplying ready mix anywhere between Suva and Nausori on a preferred supplier basis.

7.0 Submission of tenders

Two 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.

Addressed as:

Tender - MR 360/2017 - Preferred Supplier - Supply and Delivery of Concrete Ready Mix for Underground Cabling Works between Suva & Nausori

**The Secretary Tender Committee Fiji Electricity Authority
Head Office
Suva
Fiji**

Hard copies of the Tender bid will only be accepted if it is received before the closing date and time.

A Mandatory Site Visit will be held on Tuesday 19th of December, 2017, commencing at 10am at Kinoya Depot.

Tenders received after **4:00pm** on the closing date of **Wednesday 27th December, 2017** will not be considered.

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.