



ENERGY FIJI LIMITED

MR 20/2019

Preferred Supplier for the Supply of 20MPA  
Concrete Ready Mix for Footpath Reinstatement  
Works related to Underground Cabling Works.

## Section 1: Instructions to Bidders

- 1. Scope of Bid** Energy Fiji Limited (hereinafter referred to as "the purchaser"), wishes to receive bids for Preferred Supplier of 20MPA Concrete Ready Mix as specified in these bidding documents (hereinafter referred to as "Ready Mix").
  
- 2. Eligible Bidders** This Invitation to Bid is open to bidders who have sound financial background and have previous experience in handling such projects.  
  
Bidders shall provide such evidence of their continued eligibility satisfactory to the purchaser as the purchaser shall reasonably request.  
  
Bidders shall not be under a declaration of ineligibility for corrupt or fraudulent.
  
- 3. Eligible Materials, Equipment and Services** Ready Mix to be supplied under the Contract shall have their origin from reputable companies.
  
- 4. 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 fulfill the contract.
  
- 5. Cost of Bidding** The bidder shall bear all costs associated with the preparation and submission of its bid and the Purchaser will in no case be responsible or liable for those costs.
  
- 6. Sealing and Marking of Bids** The bidder shall furnish and submit 2 Original copies of the bid.  
  
The inner and outer envelopes shall be addressed to the purchaser at the following address:

Tuvitu Delairewa  
General Manager Commercial  
2 Marlow Street, Suva, FIJI. Phone:  
679 3224 185 Facsimile: 679 331 1882  
Email: [TDelairewa@efl.com.fj](mailto:TDelairewa@efl.com.fj)  
And

bear the following identification:

- Bid for: Preferred supplier for Supply of 20MPA Concrete Ready Mix for Footpath

Reinstatement Works related to Underground Cabling Works.

- Bid Tender Number: MR 20/2019
- DO NOT OPEN BEFORE (Wednesday, 6<sup>th</sup> February 2019)

**7. Deadline for Submission of Bids**

Bids must be received by the purchaser at the address specified above no later than 1600 hours (Fiji Time) (Wednesday, 6/02/2019).

The purchaser may, at its discretion, extend the deadline for submission of bids by issuing an addendum, in which case all rights and obligations of the purchaser 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 purchaser after the deadline for submission of bids prescribed 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 Purchaser prior to the deadline for submission of bids.

The bidder's modification or withdrawal notice shall be prepared, sealed, marked and delivered, 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. Purchaser's Right to Accept any Bid and to Reject any or all Bids**

The Purchaser 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 Purchaser's action.

**11. Notification of Award**

Prior to expiration of the period of bid validity prescribed by the Purchaser, the Purchaser will notify the successful bidder by fax/email, 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 Purchaser 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 Purchaser 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 Purchaser 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 Purchaser.

**13. Corrupt or Fraudulent Practices**

The Purchaser requires that the Contractor observe the highest standard of ethics during the procurement and execution of such contracts. In Pursuance of this policy, the Purchaser:

- (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 Purchaser, 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 Purchaser 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.

## 2.0 Introduction

Energy Fiji Limited (EFL) is requesting bids from Interested Suppliers to supply approximately **200 cubic meters (m<sup>3</sup>)** of 20MPA Concrete Ready mix for 33kV underground Cable Reinstatement Works from Cunningham Zone Substation, along Cunningham Road, Princess Road, and Reservoir Road, to Hibiscus Park Zone Substation.

In addition to this, the bidder will be responsible for supplying ready mix anywhere between Suva and Nausori on a preferred supplier basis.

### 2.1 Scope of Work

1. The Supplier shall have a sound knowledge of the subject area. The Supplier shall visit offloading areas and accordingly offer to execute and complete the provision and carting of Ready Mix to areas identified by the EFL Representative.
2. 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.
3. Loading and delivery of the Ready Mix will be the responsibility of the Supplier.
4. The Quantity of Concrete Ready Mix required, will be requested by the EFL 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, EFL 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.
5. No royalty is payable by the EFL 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. EFL 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 EFL.

### 2.1 Site Visit

A **Mandatory** site visit will be conducted on **Wednesday 30<sup>th</sup> January, 2019** commencing at **10am** at **Kinoya Depot**.

The Bidder shall submit the names/contacts of utilities or projects where they have previously undertaken such work required by this Tender.

### 3.0 Standards Applicable for this Tender

AS2758.1-2009	Specification for Aggregates from Natural Source for Concrete
AS 1379-2007	Specification and Supply of Concrete
Fiji Roads Authority	Specification for Ready Mix

### 4.0 Technical Specification - 20MPA Concrete Ready Mix

#### 4.1 Materials

##### 4.1.1 Cement

Cement used for concrete shall be any of the following:

- Portland cement or rapid hardening Portland cement conforming to the requirements of clause 3.
- Portland blast furnace cement (PBFC) conforming to the requirements clause 3.
- A combination of Portland cement and ground granulated blast furnace slag (ggbfs) for use with Portland cement, provided that the amount of ggbfs is not less than 80% nor more than 90% by weight of the total cement.

##### 4.1.2 Aggregates

The fine aggregate shall consist of clean, hard, durable, naturally occurring sands, and shall be free from clay, dust, lumps, soft or flaky particles, shale, silt, alkali organic matter, soil or other deleterious substances. The supplier shall comply with the grading requirement as specified in Table 1. Fine aggregates shall be uniformly graded from coarse to fine sizes and when tested with standard sieves shall comply with limited set out in Table 1.

Table 1 - Fine Aggregate Grading

Aperture Size of Sieve (mm)	Percentage Passing by Mass
9.5	100
4.75	90-100
2.36	75-100
1.18	50-90
0.6	30-70
0.3	10-35
0.015	2-10
0.075	0-3

The Coarse aggregate shall consist of sound, clean, hard, durable fragments of rock produced by crushing and/or screening unweathered igneous or metamorphic rock or naturally occurring gravels quarried from source.

#### 4.1.3 Water

Water shall be clean and free from detrimental concentration of acids, alkalis, salts, sugar and other organic or chemical substances. If water used is not from public drinking water than necessary test shall be carried out to prove that the water used from other source is suitable. Such tests shall comply with the requirements of clause 3.

#### 4.1.4 Admixtures

Admixtures shall not contain chlorides, chlorine, sulphur, sulphides or any other substance which may be detrimental to concrete or steel.

#### 4.1.5 Minimum Cement Content.

The below table shows the Minimum cement Content per Cubic Meter of finished Concrete.

Table 2 - minimum cement content

Strength Grade (Mega pascals)	Minimum Mass of Cement Per Cubic Meter (kgs)
20	320
25	360
30	400

#### 4.2 Measurement of Materials

##### 1. Cement

Where cement is supplied in standard bags the bags shall be assumed to contain 50kg. All cement taken from bulk storage containers and from partially used bags shall be batched by mass, to an accuracy of within 3%.

##### 2. Water

Mixing water for each batch shall be measured, either by mass or by volume to an accuracy of within 3%.

##### 3. Aggregates

All aggregates shall be measured separately by mass. Volume batching shall not be done.

##### 4. Admixtures

Any solid admixtures to be added shall be measured by mass, but liquid or paste admixtures may be measured by volume or mass. The quantity shall be measured to an accuracy of within 5%. Admixtures shall only be thoroughly mixed with the water for the concrete batch, prior to mixing with the aggregates and cement.

##### 5. Adjustment to mix Proportions



During production adjustment of mix proportion may be made in order to minimize the variability of strength and to approach more closely the target mean strength. Such adjustment are regarded as part of the proper control of production but the specified limits of minimum cement content and maximum water/cement ratio shall be maintained.

#### 4.3 Mixing

##### 1. General

The Mixing shall be conducted by an experience operator at a concrete batching plant.

##### 2. Charging the Mixer

An approved sequence of charging shall be maintained. The volume of the mixed material per batch shall not exceed the manufacturers rated capacity of the mixer.

##### 3. Mixing and Discharge

The period of the mixing shall be measured from time when all materials are in the drum until the commencement of discharge. The mixing period shall be sufficient to ensure that the aggregates, water and additives are thoroughly mixed to a uniform consistency.

#### 4.4 Testing

##### 4.4.1 Process Control

###### Testing of Aggregates

Coarse aggregates shall be tested for grading once every 100 meter cubic delivered on site and fine aggregates once for every 50 meter cubic delivered, or more frequently if considered necessary.

- Sampling of concrete to obtain concrete cylinder for 7 and 28 days crushing shall be controlled by the supplier at not less than the following frequencies.

Table 3 - Testing of Aggregates

VOLUME PER DAY	NO OF SAMPLES (MINIMUM)
0-8 m <sup>3</sup>	1
8-20m <sup>3</sup>	2
20-40m <sup>3</sup>	3
40-80m <sup>3</sup>	4

For each additional 40m<sup>3</sup> one additional sample shall be taken.

A sample test shall be the test results of one 7 day and an average value for two 28 day cylinders prepared from the same batch of concrete consolidated in the moulds. The supplier

shall be responsible for the striping, curing, handling and cartage of the concrete test cylinders to certified testing laboratory (OPUS) where they will be cured until testing by the OPUS. The supplier is requested to provide relevant *test reports in the bids for testing of cylinders*.

#### 4.4.2 Criteria for Compliance with Requirement

The Specification will be satisfied if the average compressive strength of the two cylinders tested at 28 days is not less than the specified 28 day strength, provided that the compressive strength of either cylinder is not less than 90% of the specified strength. Compliance with workability requirements may be assumed if the test results are within the following limits:

- Slump  $\pm$  20mm

### 5.0 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 200m<sup>3</sup> of 20MPA Concrete Ready Mix to Project Site, Including Cartage, Delivery, etc. in the following manner.

Table 4 - Pricing Schedule - Delivery to Project Site

Item	Description	Quantity Required	Unit Price of 20MPA Concrete Ready Mix (FJD VIP) (Price/m <sup>3</sup> )	Cartage Cost to Project Site	Total Price (FJD VIP) Project Site - along princess road and reservoir road
1	Supply of 20MPA Concrete Ready Mix(LUMP SUM PRICE)	200m <sup>3</sup>			
2	Supply of 20MPA Concrete Ready Mix	1 m <sup>3</sup>			
3	Supply of 20MPA Concrete Ready Mix	2 m <sup>3</sup>			

4	Supply of 20MPA Concrete Ready Mix	$\geq 3 \text{ m}^3$ and $< 10 \text{ m}^3$ .			
5	Quantities Requested to supply after hours and weekends  (Cost of Opening of Batch Plant)	Price/ $\text{m}^3$			

Table 5 - Pricing Schedule - Delivery between Suva & Nausori Corridor

Item	Description	Quantity Required	Unit Price of 20MPA Concrete Ready Mix (FJD VIP) (Price/ $\text{m}^3$ )	Cartage Cost	Total Price (FJD VIP) Delivery anywhere between Suva - Nausori Corridor
1	Supply of 20MPA Concrete Ready Mix	$1 \text{ m}^3$			
2	Supply of 20MPA Concrete Ready Mix	$2 \text{ m}^3$			
3	Supply of 20MPA Concrete Ready Mix	$\geq 3 \text{ m}^3$			
4	Quantities Requested to supply after hours and weekends  (Cost of Opening of Batch Plant)	Price/ $\text{m}^3$			

Note: Upon award of this tender, the supplier will enter into 1 or 3 years contract with EFL as a preferred supplier.

The Supplier can state whether the unit price is inclusive or exclusive of cartage cost.

### 5.1 Trucking Information

Table 6 - 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 (Princess Road & Reservoir Road) which will be shown to the Contractors by EFL's Site Visit Representative.

In addition to this, the bidder will be responsible for supplying ready mix anywhere between Suva and Nausori on a preferred supplier basis.

## 6.0 Bidders Eligibility Details

### 6.1 Registration & Other Information

The following information is required with the offer letter:

1. Registration details of the company.
2. Occupational Health & Safety Policy of the company.
3. Certificates and work experience of employees.
4. List of tools, equipment, machines and safety gears.
5. Valid FNPFC Compliance Certificate.
6. Valid Tax Registration Details.
7. Insurance cover for workers health and safety.

## 8. Public liability cover.

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

### 6.2 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 EFL in 24 hours of the request.

### 6.3 Other value added services.

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

## 7.0 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 EFL'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 EFL (Whichever applicable) as mutually agreed. All terms and conditions, and pricing details will be stipulated in contract document.

## **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/TIN 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 EFL 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 6<sup>th</sup> February, 2019.

Each tender shall be sealed in an envelope with the envelope bearing only the following marking:

**MR 20/2019**  
**Preferred Supplier for the Supply of 20MPA Concrete Ready Mix for Footpath**  
**Reinstatement Works**

The Secretary, Tender Committee  
Energy Fiji Limited  
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