



# FIJI ELECTRICITY AUTHORITY

Distribution Unit

2 Marlow Street, Suva

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## TENDER SPECIFICATIONS

**TENDER NO: 65/2017**

**Preferred Supplier for the Supply of  
AP65 and AP40 Base Coarse for Road  
Trench Backfilling Works**



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### Preferred Supplier for the Supply of AP65 and AP40 Base Coarse for Road Trench Backfilling

#### TENDER NO: MR 65/2017

#### TENDER DOCUMENT AND SPECIFICATIONS

The Fiji Electricity Authority invites sealed tenders from reputable companies with the relevant experience, for the Supply of AP65 and AP40 Base-coarse from a source that has the potential to successfully provide such materials with a proven history of performance on road use. The supplier will be selected to be a preferred supplier for a period of two (2) years for the Distribution Unit of FEA.

1. The Clay Index of the material must be based on NZS 4402, of not greater than 5% Plasticity Index.
2. The Clay friction must
  - a. Be free of all organic, vegetable or other deleterious material.
  - b. Pass the 4.65mm sieve (AP65)
  - c. Pass the 4.40mm sieve (AP40)
  - d. Be blended so the blended aggregate has a uniform texture with no segregation of fine and coarse material.
3. Laboratory 4 day soaked California Bearing Ratio (CBR) of greater than 50, un-surcharged or a crushing resistance of greater than 100kN in accordance with NZS 3111:1980.
4. The testing frequency shall be 1 test per 5,000m<sup>2</sup> of maintenance aggregate constructed.
5. *The material must be approved by FRA (Certification to be provided)*

#### TECHNICAL SPECIFICATIONS FOR THE CRUSHED METAL

##### 1) Maintenance Aggregate

Sieve Size (mm)	AP40 SUB Base (Aggregate Grading % Passing)
40	100
37.5	N/A
19	45-90
9.5	30-60
4.40	N/A
2.36	N/A
1.18	N/A
0.40	10 Max



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Sieve Size (mm)	AP65 SUB Base (Aggregate Grading % Passing)
65	100
37.5	N/A
19	45-90
9.5	30-60
4.65	N/A
2.36	N/A
1.18	N/A
0.65	10 Max

### 2) Standards Applicable for this Tender

The equipment shall be designed, manufactured and tested in accordance with the requirements for the following Standards.

STANDARD	TITLE
NZS 4402	Methods of testing soils for civil engineering purposes
NZS 3111	Methods of test for water and aggregate for concrete

**Note: Bidders shall demonstrate/submit proof of the product's compliance of the aforementioned standards.**

### 3) Manufacturer's Qualification

The manufacturer shall be ISO 9001-2000 certified and shall have sufficient supply and manufacturing experience of AP65 and AP40 Base coarse for at least ONE (1) year for the required work specifications. As proof, the manufacturer shall submit a supply-list indicating the grade of base coarse, quantity supplied, name of client and the year of delivery. Certificates from customers with satisfactory usage may be provided with the supply record. Only those Suppliers shall be considered, for which a minimum of 1-year manufacturing and successful service experience is available, without change of basic design of the plant and the material. Suppliers shall also be considered for whose material are suitable for carriageway trench backfilling purposes and such relevant detail to be provided.

### 4) Experience Evaluation

For evaluation of manufacturer's qualifications, the manufacturer must submit a reference list showing supply experience for supply of Base coarse. In addition, if any in-service failure due to the quality of the



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material has been experienced, the manufacturer should submit the information on the failures including the cause of the failures and the counter consequences taken.

### 5) Prices and Quantity Required

Prices shall be quoted in Fijian Dollar Currency, inclusive of all taxes, customs, clearance charges, and duties payable in Fiji.

Aggregate Grading Type: AP65Base Coarse				
BIDDER'S YARD LOCATION:				
Location	Quantity Required	Unit Price for Material (Per Cubic Meter) (\$ FJD – VEP)	Unit Price for Cartage (Per Cubic Meter Per Kilometer) (\$ FJD – VEP)	Distance From Bidder's Yard / Quarry (Kilometers)
Delivery to Kinoya Depot	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery to Labasa Depot	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery to Navutu Depot	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery between Pacific Harbour and Nausori	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery to Savusavu Depot	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery between Nadi to Ba	10m <sup>3</sup>			
	15 m <sup>3</sup>			



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Aggregate Grading Type: AP40Base Coarse				
BIDDER'S YARD LOCATION:				
Location	Quantity Required	Unit Price for Material (Per Cubic Meter)  (\$ FJD – VEP)	Unit Price for Cartage (Per Cubic Meter Per Kilometer)  (\$ FJD – VEP)	Distance From Bidder's Yard / Quarry  (Kilometers)
Delivery to Kinoya Depot	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery to Labasa Depot	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery to Navutu Depot	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery between Pacific Harbour and Nausori	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery to Savusavu Depot	10m <sup>3</sup>			
	15 m <sup>3</sup>			
Delivery between Nadi to Ba	10m <sup>3</sup>			
	15 m <sup>3</sup>			

Bidder to Specify Location of Quarry in the above table and distances from yard to FEA Depot or the vicinity as stated.

Bidders to utilize the above table to submit prices.



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Prices shall be valid for at least 90 calendar days, from the closing date of this tender.

### **6) Duration of Production and Delivery**

The FEA requires the commencement of delivery of the Base Coarse as required. Bidders shall clearly indicate the duration of production and shipping (if applicable). The bidder if awarded the contract shall ensure that the Base Coarse is delivered within 48hours to the said FEA site.

### **7) Payment Terms**

FEA's standard 30 days payment policy upon delivery of goods and services applies. Bidder's to explicitly note all exceptions and/or reservations to the same if any.



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## **Tender Submission - Instruction to bidders**

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 4.00pm (1600hrs) on Wednesday 29<sup>th</sup> March, 2017.**

Each tender shall be sealed in an envelope with:

The envelope bearing only the following marking:

**Tender – MR 65/2017 - Preferred Supplier for the Supply of AP65 and AP40 Base Coarse for Road Trench Backfilling Works**

**The Secretary Tender Committee**

**Fiji Electricity Authority**

**Head Office**

**Suva**

**Fiji**

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

**All late tenders, unmarked enveloped and envelopes without bidder's name and address on the reverse on the envelope will be returned to the Tenderers unopened.**

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