



# FIJI ELECTRICITY AUTHORITY

## Transmission Unit

2 Marlow Street, Suva

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### Supply of AP75 Base Coarse for the Upgrade of 132kV Transmission Towers Access Roads

#### TENDER DOCUMENT AND SPECIFICATIONS

The Fiji Electricity Authority invites sealed tenders from reputable companies with the relevant experience, for the Supply of AP75 Base-coarse from a source that has a proven history of performance on unsealed roads.

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 4.75mm sieve
  - c. 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.

#### TECHNICAL SPECIFICATIONS FOR THE CRUSHED METAL

##### 1) Maintenance Aggregate

Sieve Size (mm)	AP75 SUB Base (Aggregate Grading % Passing)
75	100
37.5	N/A
19	45-90
9.5	30-60
4.75	N/A
2.36	N/A
1.18	N/A
0.75	10 Max



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### 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 AP75 Base coarse for at least ten (10) years 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 5 years manufacturing and successful service experience is available, without change of basic design of the plant and the material.

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



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### 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: AP75 Base 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)
Cunningham	7000 m <sup>3</sup>			
Wailoku	7000 m <sup>3</sup>			
Nakobalevu	10,000 m <sup>3</sup>			
Waibau/Batiki	6000 m <sup>3</sup>			
Waitolu/Savu	7000m <sup>3</sup>			
Naqali	8000 m <sup>3</sup>			
<b>TOTAL</b>	<b>45,000 m<sup>3</sup></b>			

Bidder to Specify Location of Quarry in the above table and distances from yard to FEA Excess Road Stockpile Site as demonstrated in the Site Visit.

Bidders to utilize the above table to submit prices

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



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### 6) Duration of Production and Delivery

The FEA requires the commencement of delivery of the Base Coarse by the **1<sup>st</sup> January 2016**. Bidders shall clearly indicate the duration of production and shipping (if applicable).

### 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.

## SUBMISSION OF BID DOCUMENTS

**Two (2) hard copies** of the tender bids in sealed envelopes 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, on Wednesday 16<sup>th</sup> of December, 2015.**

Each tender shall be sealed in an envelope with:

The envelope bearing only the following marking:

**Tender Number - MR 190/2015**  
**Supply of AP75 Base Coarse for the Upgrade of 132kV Transmission Towers Access Roads**

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.**

The lowest bid will not necessarily be accepted as the successful bid.



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

**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: \_\_\_\_\_



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