



ENERGY FIJI LIMITED

BIDDING DOCUMENT

TENDER NO – MR 80/2024

**PREFERRED SUPPLIER OF AP65 AND AP40
BASECOURSE AGGREGATE IN TAVEUNI**

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1. Tender Document and Specifications

The Energy Fiji Limited invites sealed tenders from reputable companies with the relevant experience, for the supply of AP40 and AP65 base-course from a source that has the potential to successfully provide such materials with a proven history of performance on road use and backfilling of pole pit. The supplier will be selected to be a preferred supplier to EFL for a period of two (2) years.

The Clay Index of the material must be based on AS/NZS 4402, of not greater than 5% Plasticity Index.

1. 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.
2. 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.
3. The testing frequency shall be 1 test per 5,000m² of maintenance aggregate constructed.
4. The material must be approved by Fiji Roads Authority (FRA) and a copy of approval or certification is to be provided.

a. Extraction

The quarry or pit shall be worked in such a way as to ensure that unsuitable material is not included in the material supplied.

For production of base course crushed rock, both the primary and secondary crushers shall be provided with scalping screens to ensure that any remaining overburden is removed from material supplied.

b. Source Rock

Sedimentary source shall not be used for production of crushed rock base course material. Suitably sized Boulders extracted from Rivers shall be acceptable, provided the material meet or exceeds the specified requirements.

Igneous or metamorphic rock shall have a Los Angeles Abrasion Loss complying with the relevant requirements of the table 1.

If a source rock is to be used other than the type in the table 1, the relevant accredited testing authorities shall determine whether the rock type is acceptable and shall set appropriate limits

Source rocks which do not comply with the specified requirements but from which crushed rock of satisfactory performance has been produced, may be accepted for use subject to the written approval from relevant testing authorities.

2. Technical Specification for the Crushed Metal

For natural gravels, sands and soft or ripped rock, the product grading prior to completion shall comply with the broad requirement shown in table below. Material supplied shall conform to these grading limits.

i. 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

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

For crushed rock, the product grading prior to compaction shall comply with the requirements shown in table above. The crushed rock shall not be graded from near the coarse limit on one sieve to near the fine limit on the following sieve or vice versa. At least 65% by mass of the aggregates in the product that are retained on the 6.50mm sieve shall have two or more faces produced by crushing.

ii. Standards Applicable for this Tender

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

STANDARD TITLE	STANDARD TITLE
NZS 4402	Methods of testing soils for civil engineering purposes
NZS 4407	Methods of sampling and testing road aggregates.
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. (Test Certificate)

iii. Manufacturer's Qualification

The manufacturer shall be ISO 9001-2000 certified and shall have sufficient supply and manufacturing experience of AP65, 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.

iv. 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.

v. Testing

The testing shall be performed by relevant accredited testing laboratories. The bidder shall comply with the following tests for Base Course.

- a) Particle Size Distribution
- b) Atterberg Limit
- c) Flakiness Index
- d) Crushing Resistance
- e) Los Angeles Abrasion
- f) Maximum Dry Density
- g) California Bearing Ratio
- h) Wet and Dry Variation

It is mandatory for the bidder to submit the relevant test certificates together with the bidding documents.

3. Unit Prices

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

AP65

Item	Description	Prices (FJD VIP)
1	AP65 per Cubic Meter (\$/m ³)	
2	Cartage of AP65 (\$/m ³ /km)	

AP40

Item	Description	Prices (FJD VIP)
1	AP40 per Cubic Meter (\$/m ³)	
2	Cartage of AP40 (\$/m ³ /km)	

Note:

1. Bidders to utilize the above table to submit prices. The bidder must supply the crushed metal at any required location by EFL within the Taveuni.
2. Prices shall be valid for at least 90 calendar days, from the closing date of this tender.
3. The price submitted must be typed. Hand written tenders will be Dis-qualified.

4. Trucking Information

Item	Description	Quantity	
1	Number of Trucks that will be used in the supply		
2	Maximum base coarse Loading Capacity per Truck. Bidders shall give a list of trucks and their capacity if the truck capacity varies	Truck Number	Capacity (m ³)
		1.	
		2.	
		3.	
3	Maximum quantity that the supplier can deliver in one day	1. AP65	
		2. AP40	

5. Insurance

- 1) The Contractor will be required to possess valid insurance policies as shown below :

Policy type	Value
Public Liability	\$500,000
Contractors All Risk	\$500,000

The contractor shall indemnify EFL against any claims for liability, injuries, losses, damages etc that may arise during the execution of the works.

5.1 Accident Compensation Insurance

It is understood that under the **Accident Compensation Act 2017** it is a **no fault based system** and as such these are the maximum amounts payable by the Accident Compensation Commission of Fiji (**ACCF**) for **personal injuries** and **death arising out from Motor Vehicle Accidents** are as follows:-

- Permanent Partial incapacity FJ\$75,000;
- Permanent Total Incapacity FJ\$150,000;
- Any other cases (other than the above) FJ\$75,000;
- Deaths FJ\$75,000.

It would be prudent that the Contractor have in place safe working and driving mechanisms to equip their employees with survival skills so as to avoid Personal Injuries at work or Motor Vehicle Accidents for that matter.

5.2 Comprehensive General Liability Insurance

Comprehensive general liability insurance, covering Contractor, its employees and Third Party for all of Contractor's operations hereunder, including all activities at the Work Site, including, but not limited to, bodily injury, property damage, premises operations, elevators, products, completed operations and blanket contractual coverage with limits of not less than FJD\$500,000.00 combined single limit.

5.3 Automobile Liability

Coverage for claims for bodily injury, including death, and property damage by any person, arising from the use of any automobile while engaged in the performance of Work hereunder, will be purchased locally in accordance with local statutory requirements.

5.4 Professional Indemnity ('PI') Insurance Cover

For the contracts with the various monetary amounts listed below signed with EFL, the Contractor is required to obtain their PI covers (as applicable to them for the contract amount) which are as follows:-

- For EFL Contracts up to FJD\$100K – **\$250,000 PI Cover** is required;
- For EFL Contracts > FJD\$100K up to \$500K – **\$1.5M PI Cover** is required;
- For EFL Contracts > \$500K up to \$1M – **\$2.5M PI Cover** is required; and
- For any EFL Contracts above \$1M and up to \$2M - **\$5M PI Cover** is required.

6. Technical Evaluation

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.

Item	Description	Bidder's Response
1.	Company Registration Certificate	
2.	Tax Compliance	
3.	FNPF Compliance	
4.	FNU Compliance	
5.	Public Liability Insurance Certificate	
6.	Contractor All Risk Insurance Certificate	
7.	Evidence of Similar works carried out	
8.	Location of Quarry	
9.	Stock Quantity kept and Delivery Time Frame	
10.	Material Source	
11.	Test Reports	

7. Duration of Production and Delivery

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

8. Payment Terms

EFL'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

TENDER SUBMISSION CHECK LIST

The Bidders must ensure that the details and documentation mention below must be submitted as part of their tender Bid

Tender Number _____

Tender Name _____

Full Company Business Name: _____

(Attach copy of Registration Certificate)

Director/Owner(s): _____

Postal Address: _____

Phone Contact: _____

Fax Number: _____

Email address: _____

Office Location: _____

TIN Number: _____

(Attach copy of the VAT/TIN Registration Certificate - Local Bidders Only (Mandatory))

FNPF Employer Registration Number: _____

(For Local Bidders only) (Mandatory)

Provide a copy of Valid FNPF Compliance Certificate (Mandatory- Local Bidders only)

Provide a copy of Valid FRCS (Tax) Compliance Certificate (Mandatory Local Bidders only)

Provide a copy of Valid FNU Compliance Certificate (Mandatory Local Bidders only)

Contact Person: _____

I declare that all the above information is correct.

Name: _____

Position: _____

Sign: _____

Date: _____

Tender submission

Bidders are requested to upload electronic copies via Tender Link by registering their interest at: <https://www.tenderlink.com/>

EFL will not accept any hard copy submission to be dropped in the tender box at EFL Head Office in Suva.

This tender closes at 4pm (1600hrs) on Wednesday 20th March, 2024.

For further information or clarification please contact our Supply Chain Office on phone (+679) 3224360 or (+679) 9999240 or email us on tenders@efl.com.fj

The bidders must ensure that their bid is inclusive of all Taxes payable under Fiji Income Tax Act. Bidders are to clearly state the percentage of VAT that is applicable to the bid prices.

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

The Tender Bids particularly the “Price” must be typed and not hand written.

Any request for the extension of the closing date must be addressed to EFL in writing three (3) working days prior to the tender closing date.

Tender Submission via email or fax will not be accepted.