



MR 303/2017

SURVEY OF 11kV SUBMARINE POWER CABLE ROUTE

FROM MALAU JETTY IN VANUA LEVU

TO MALI ISLAND AND FROM MALI TO VOROVORO ISLAND IN MACUATA

(RURAL ELECTRIFICATION SCHEME NUMBER LAB03/12)

Notes:

1. Bidders to provide 2 hardcopies of tender bid.
2. Safety Plan to be included in tender bid, and will be part of evaluation.
3. Safety Report for 2015, 2016 to be submitted with tender.
4. Public notices, as required by the Marine Safety Authority of Fiji (MSAF), shall be responsibility of the Contractor. Contractor to get familiarised with the requirements of MSAF and submit proposal with the bid document.
5. Contractor shall provide photo ID of all employees who will be working on the project, clearly indicating their Employment/FNPF number and Job Description.
6. All undersea operations shall be carried out by appropriately certified divers. Certification of such divers shall be submitted with the tender bid.

FIRST SCHEDULE

A. SPECIAL CONDITIONS OF CONTRACT

The work shall include the survey of the marine cable route to confirm the seabed structure and sea state conditions (debris and shipwreck) in order to establish a feasible and fault-free submarine power cable route from Malau Jetty to Mali Island, and from Mali Island to Vorovoro Island.

The combined planned cable route of approximately 2.0 km is shown on **Figure 1** below:



Figure 1: Submarine cable route from Malau Jetty to Mali Island and from Mali Island to Vorovoro Island.

The Contract sum for the works shall be:

- a) a VAT Inclusive Price;
- b) payable in a single lump sum upon successful completion of the work.

For the purpose of supervising the contract on behalf of the Authority, references in the General Conditions to the Authority shall include the General Manager System Planning and Control or his designated officer. The Project Manager, Project Engineer and Project Supervisor shall be the Unit Leader.

The Bidder shall provide evidence of the following insurance:

- | | |
|---------------------------|------------|
| (a) Contractor's risk | \$500,000. |
| (b) Public Liability | \$500,000. |
| (c) Worker's Compensation | \$250,000. |

SECOND SCHEDULE

B. Specification for the Surveying of Planned 11kV Submarine Power Cable Routes

This specification covers the survey of the feasible underwater route of the 3 x Single Core, 35mm², 11kV Submarine Power Cable from Malau Jetty (on Vanua Levu Island) to Mali Island and from Mali Island to Vorovoro Island.

Work involved in this contract is generally the surveying, mapping, reporting and analyzing of subsea conditions to confirm the seabed profile and the feasible and fault-free submarine cable route from Malau Jetty (on Vanua Levu Island) to Mali Island and from Mali Island to Vorovoro Island. This shall be carried out within the requirements of MSAF.

C. CONTRACTOR REQUIREMENTS

1. **Tender Bid** – Contractor shall submit a firm lump sum bid.
2. **Site Visit** – Contractor shall participate in a site visit, which is compulsory. Bids from tenderers who do not participate in the site visit shall be disqualified.
3. **Standard** – The survey work shall be in compliance with Australian Standards for marine cable route survey and the requirements of MSAF.
4. **HSE Compliance** – The tender bid shall include all requirements of the FEA HSE Contractor Safety Management System, which will be evaluated by the FEA’s HSE Unit. Tender bids with incomplete, improper or does not comply with the HSE requirements will not be considered for award.
5. **Safety Record** – Tender bid shall include a brief report on Safety performance over the last two years. The report shall include all incidents and accidents.
6. **Sub-contracting** – Subcontracting shall not be permitted, except where this is specifically presented in the tender bid, and only upon approval by FEA. Subcontractors shall be required to fulfil all requirements as if they were the Contractor.
7. **Scope of work** - Work involved in this contract is generally the survey and confirmation of submarine cable route. Payment shall be processed accordingly.
8. **Contact** - Contractor shall have a valid postal address, Office telephone/fax/e-mail contact. The Principal shall be available by mobile phone at any time.
9. **Work Program** - Contractor shall submit a work program before the starting of the work. This shall be part of the contract. Work shall commence within seven (7) days after receiving an official FEA Local Purchase Order.
10. **Invoicing** – Contractor shall submit details of work completed to allow prompt approval and payment of invoice.
11. **Safety Induction** - A Safety induction must be conducted before commencement of the work, which shall be conducted by FEA’s HSE Unit.
12. **Instruction to Commence Work** - Contractor shall **NOT** commence work on site unless an “Instruction to Commence Work” has been received from the Project Manager. Contractor is responsible for obtaining clearance from the MSAF and other relevant authorities.
13. **Notices** – Notices shall be furnished/delivered at all cable landing stations, i.e. Malau Jetty (on Vanua Levu Island) to Mali Island and from Mali Island to

Vorovoro Island, to inform public of the marine survey.

14. **Accident Reporting** – All accidents and incidents shall be reported immediately to FEA using approved forms available in the FEA Safety Plan Template, or equivalent.
15. **Tidiness** – The Contractor shall maintain the worksite in a neat and tidy condition.
16. **Damage or Harm to property** – The Contractor shall ensure that there is no damage or harm to properties, other services, public members and marine life. The Contractor shall make good/fix to the satisfaction to the owner/personnel any damage or harm caused by the contractor.
17. **Traffic and Pedestrian Control** – The Contractor shall ensure that there is minimum disruption to the flow of marine traffic. Safety measures on Water Traffic and Marine Users shall be diligently exercised.
18. **Worksite protection** – protection of the worksite shall be as per MSAF requirements, and any additional FEA requirements
19. **Project completion** – The contractor shall complete work on time as per contract.
20. **Project progress** – If the Contractor fails to proceed with the works with reasonable diligence or suspends the work or refuses to comply with the reasonable direction from FEA of which the work is affected and any such default continues for a period of seven (7) days after the issue of written notice, FEA may itself call any other person to complete the works at the Contractor's risk and expense.

D. FEA REQUIREMENTS

1. FEA's HSE Unit shall vet Safety Plan submitted by Contractor and approve after queries clarified by Contractor.
2. FEA Project Engineer shall ensure that any FEA services on the jobsite is clearly located, marked and identified to the Contractor.
3. FEA Project Engineer shall submit to the Project Manager all necessary approval documentation. Upon receipt of these approvals, and the approved Safety Plan, the Project Manager shall issue an "Instruction to Commence Work" to the Contractor.
4. FEA Project Supervisor and Project Engineer shall carry out regular site inspections to ensure compliance with HSE requirements, and submit Safety Visit Reports of the visit.
5. FEA Project Supervisor and Project Engineer shall issue Non-Conformance Report if required, and follow up for verification of implementation of Action Items arising out of the Non-Conformance Report.

E. PAYMENT SCHEDULE

Payment shall be made as per payment schedule: 100% upon satisfactorily completion of the work.

F. SITE VISIT

Interested bidders are required to meet at the FEA's Labasa Depot **on Thursday, 23rd November 2017, at 8.30am** for a compulsory site visit.

G. TENDER SUBMISSION

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.

All costs associated with preparation and submission of tender documents must be borne by the bidders.

This tender closes at **4:00pm, on Wednesday 29th November 2017.**

Each tender shall be sealed in an envelope with:

The envelope bearing only the following marking:

Tender- MR 303/2017 – Survey of Submarine Power Cable Route for Electricity Supply to Mali and Vorovoro Island – Scheme: LAB 03/12
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.

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