



# **FIJI ELECTRICITY AUTHORITY**

## **BIDDING DOCUMENT**

MR 299/2017

**11kV DISTRIBUTION LINE THERMAL  
IMAGING INSPECTION – NABORO  
FEEDER**

## Section 1. Instructions to Bidders

- 1. Scope of Bid** The Fiji Electricity Authority (hereinafter referred to as "the Employer"), wishes to receive bids for supply of Thermal Imaging inspection services for the overhead lines on Naboro Feeder.
- 2. Eligible Bidders** This Invitation to Bid is open to bidders who have sound financial background and have previous experience in carrying out Thermal Imaging and reporting.
- Bidders shall provide such evidence of their continued eligibility satisfactory to the Employer as the Employer shall reasonably request.
- Bidders shall not be under a declaration of ineligibility for corrupt or fraudulent.
- 3. Qualification of the Bidder** To be qualified for award of Contract, bidders shall submit proposals regarding:
- information on being a supplier of such service
  - copies of reports carried out from previous jobs as reference
- 4. Cost of Bidding** The bidder shall bear all costs associated with the preparation and submission of its bid and the Employer will in no case be responsible or liable for those costs.
- 5. Deadline for Submission of Bids** Bids must be received by the Employer at the address specified above no later than **1600 hours (Fiji Time) Wednesday 15<sup>th</sup> of November, 2017.**
- The Employer may, at its discretion, extend the deadline for submission of bids by issuing an addendum, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will thereafter be subject to the deadlines extended.
- 6. Employer's Right to Accept any Bid and to Reject any or all Bids** The Employer 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 Employer's action.

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## 1. General Description

The Fiji Electricity Authority (FEA) requires an inspection of the overhead 11kV distribution line on Naboro Feeder and therefore invites suitable bidders to carry out the required service of Thermal Imaging Inspection. The service provider shall provide for their own equipment and personnel to carry out the survey of all hardware, joints, links and any other attachment to the overhead network. A complete detailed report must be submitted after the completion of the survey specifying the exact locations and item/joint/link that needs rectification.

## 2. Feeder Location

Naboro Feeder is located in the Central Division of Viti Levu, Fiji. The feeder starts from Wailekutu Zone Substation on part of Queens Road (located in Wailekutu Latitude: -18.1040516 and Longitude: 178.3847766) and ends at ABS 94 (located in Nabukavesi) inclusive of all tee-offs in-between.

## 3. Service Provider Responsibility

The service provider awarded the contract must:

- Provide for their own camera at no expense to FEA
- Provide for their own accommodation and travelling expenses
- Provide 2 x printed copied of the reports and 1 x digital copy on a USB drive.
- Include all images of hotspots/defects on overhead line as part of report as evidence
- Submit detailed report – location of defect, exact pole and link/joint/overhead equipment, temperature, time

## 4. FEA Responsibility

FEA will provide the following to the awarded bidder:

- Provide a representative to accompany the personnel to site during the overhead line thermal imaging inspection
- Provide copy of GIS with pole ID

## 5. Evaluation Criteria

The following table must be filled and returned with the bid as part of evaluation.

Criteria	FEA Requirement	Bidder's Response
Thermal Imaging Camera	Model and specification of camera to be utilized for inspection to be provided	
	Ability to capture data from ground level when viewing overhead network (approx. 10m high)	
	Ability to capture data during daylight outdoors	
Experience	Record of previous thermal imaging service provided	
	Sample report copy to be provided	

Service	All expenses relative to the inspection (travelling, accommodation, printing, camera, etc.) are to be borne by the supplier of the service	
	Completion of thermal scanning with complete report in 2 weeks from issue of LPO (Purchase Order)	
Report	Time specified for each scan	
	Exact location with pole ID reference	
	Image of defective line hardware	
	Pinpoint defective hardware/joint/link on overhead line	
	Temperature of defective line hardware	
Bidder Details	Name of Bidding Company	
	Contact Person Name	
	Telephone	
	Fax	
	Email	
	Mobile	
	Name of Company CEO	
	Sales Tax/ Commercial Tax/ CST Nos.	
	Service Tax No.	
Income Tax No.		

## 6. Financial Evaluation

The bidder must provide a lump sum price for the service required. The amount will be payable after completion of the entire Thermal Imaging inspection with the reports handed in to FEA representative. The financial bid shall be quoted in Fijian Dollars with VAT Exclusive price (FJD VEP).

Criteria	FEA Requirement	Bidder's Response
Service Amount Payout	Lump sum price payable after completion of service	
Price	Price to be stated in Fijian Dollars VAT Exclusive (FJD VEP)	

## 7. Site Visit

A site visit will be held on the **9<sup>th</sup> of November, 2017** at **FEA Kinoya Depot at 9.30am** from where the bidders and FEA representative will proceed to the site to show the Feeder area.

## **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.

**Site visit is on Thursday 9<sup>th</sup> of November, 2017 at FEA Kinoya Depot.**

**This tender closes at 4.00pm (1600hrs) on Wednesday 15<sup>th</sup> November, 2017.**

Each tender shall be sealed in an envelope with:

The envelope bearing only the following marking:

**Tender – MR 299/2017 – 11kV DISTRIBUTION LINE THERMAL IMAGING INSPECTION –  
NABORO FEEDER**

**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**.