



**ENERGY FIJI LIMITED**

**TENDER DOCUMENT**

**MR 264/2024**

**House Wiring Project Scheme:**


**VU01-20 and VU07-18**

**Supply to Waidrauso settlement, Sawani**

**Naitasiri and Uluisavuidua Farming**

**Community, Qiolevu Naitasiri**

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## 1. Introduction

Energy Fiji Ltd is a limited liability organization responsible for generating, transmitting, distributing and retailing electricity to over 200,000 customers throughout the main islands of Fiji namely: Vitilevu, Vanualevu, Ovalau & Taveuni.

As part of its obligations to the Government of Fiji, it has been recently tasked with project management and supervision of House Wiring Projects for Rural Electrifications Schemes for the year 2024.

## 2. Scope of Bid

Energy Fiji Limited (hereinafter referred to as "the Employer"), wishes to receive bids from valid licensed electrical contractors for House Wiring under the Rural Electrification EFL Scheme's **VU01-20 and VU07-18: Electricity Supply at Uluisavuidua Farming Community, Qiolevu Naitasiri and Waidrauso settlement, Sawani Naitasiri**. Bidders are required to supply and install appropriate materials for wiring up houses to standard requirements as per the AS/NZS 3000:2018 Wiring Rules.

**House Wiring shall be carried out for 2 lights & 1 GPO per customer.**

**A total of thirty-seven (37) domestic customers (refer Appendix 1 for list), are associated with this Rural Electrification Scheme Uluisavuidua Farming Community, Qiolevu Naitasiri and Waidrauso settlement, Sawani Naitasiri (as per EFL Schemes VU01-20 and VU07-18) are covered in this tender. The customers need their homes/installations to be wired as to AS/NZS 3000:2018 standards.**

**Due to the nature of the work required, it is strongly recommended that a proper assessment of each individual household be carried out to ascertain the correct amount of work that is necessary.**

For the purpose of supervising the contract on behalf of the EFL, references in the General Conditions shall include the Manager Technical Services or his/her designated officer. The Project Manager shall be the Manager Technical Services and the Project Supervisor shall be the Project Technicians.

## 3. Instructions to Bidders

### 3.1 Eligible Bidders

- Bidders shall submit a copy of valid Electrical contracting license and electrical wireman's license.
- Bidders with sound financial background and with successful record in past house wiring records
- 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.

### 3.2 Qualification of the Bidder

To be qualified for award of Contract, bidders shall submit proposals regarding work methods, scheduling and resourcing which shall be provided in sufficient detail to confirm the bidder's capability to fulfill the contract.

**“Qualified Electrician** – The successful bidder (Electrical Contractor) shall ensure that the Project Team comprises a minimum of three (3) personnel, at least one of whom shall be a registered Electrician with valid Wireman’s License. The remaining team members shall comprise of Junior Electricians and Labourers working on the project on a full time basis.

Records of these personnel shall be submitted with the bid. **It is the responsibility of the electrical contractor to ensure that names of all workmen is also registered with EFL Regulatory Licensing Department.**

Contractors unable to submit sufficient evidence that they meet this key requirement shall not be considered.

**The successful bidder/contractor shall make its own arrangement for ordering, collection of the materials and delivery to the site.**

### 3.3 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.

All costs pertaining to the first inspections of each of the 3 stages described in the Payment Schedule, will be catered for by EFL.

*All costs relating to subsequent inspection as a result of incomplete and / or defective work (because of the contractor contravening or deviating from the main contract or the specifications stated within the tender document) will be borne by the contractor. This will be deducted from the overall contract price. It should be noted that apart from the above; EFL will undertake its own inspection of all works as per the requirements of the Electricity Act. All costs that shall arise as part of the EFL inspection will be the contractor’s responsibility to pay.*

### 3.4 Mandatory Site Visit

Bidders are to attend the mandatory site visit and familiarize themselves with the worksite and scope of work. This site visit will be organized by EFL. All cost to the site visit are to be borne by the bidder.

### 3.5 Submission of Bids

Bids are to be submitted to EFL via the TENDER LINK Electronic Tender Box.

No hard copy of the submission will be accepted.

The submission shall be addressed to

**Mr. Jitendra Reddy**

**Manager Procurement, Inventories and Supply Chain**

**Supply Chain Office,**

**2 Marlow Street,**

**Suva**

And bear the following identification:

**MR 262/2024 – Scheme VU01-20 and VU07-18:**

**Electricity Supply at Uluisavuidua Farming Community, Qiolevu Naitasiri and Waidrauso settlement, Sawani Naitasiri.**

### 3.6 Deadline for Submission of Bids

Bids must be received by the Employer at the address specified above no later than **1600hrs (Fiji Time) (Wednesday, 28<sup>th</sup> August, 2024)**.

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.

### 3.7 Late Bids

Any bid received by the Employer after the deadline for submission of bids prescribed will be rejected and returned unopened to the bidder.

### 3.8 Modification and Withdrawal of Bids

The bidder may modify or withdraw its bid after bid submission, provided that written notice of the modification or withdrawal is received by the Employer prior to the deadline for submission of bids.

**No bid may be modified by the bidder after the deadline for submission of bids.**

### 3.9 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.

### 3.10 Notification of Award

Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder by email, confirmed by registered letter, that its bid has been accepted. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") shall name

the sum which the Employer will pay the Contractor in consideration of the execution, and completion of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called "the Contract Price").

The notification of award will constitute the formation of the Contract.

Upon the furnishing by the successful bidder of an acceptance letter, the Employer will promptly notify the other bidders that their bids have been unsuccessful.

### 3.11 Signing of Contract Agreement

At the same time that he notifies the successful bidder that its bid has been accepted, the Employer will send the bidder the Form of Contract Agreement provided in the bidding documents, incorporating all agreements between the parties.

Within 7 days of receipt of the Form of Agreement, the successful bidder shall sign the Form and return it to the Employer.

### 3.12 Corrupt or Fraudulent Practices

The Employer requires that the Contractor observe the highest standard of ethics during the procurement and execution of such contracts. In Pursuance of this policy, the Employer:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

(i) "*corrupt practice*" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves and/or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; and

(ii) "*fraudulent practice*" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition;

(b) EFL will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

## 4. Technical Specifications

### 4.1 General Description

A strict adherence to the specifications provided in this document need not be over-emphasized; and as such all contractors are advised to strictly observe the requirements provided in this document either technical or otherwise.

Should any of the requirements contravene the Standards AS/NZ 3000:2018 a query should be lodged with the Energy Fiji Limited or its representative(s).

**Contractors are to ensure that the following PPE as table below in Table 1 shall be provided to ALL of its workers, and this list is to be submitted as part of the Electrical Contractor's Bid.**

*Table 1: PPE to be provided to all workers*

| Personal Protective Equipment Schedule |                   |          |              |             |          |                |                 |
|--|-------------------|----------|--------------|-------------|----------|----------------|-----------------|
| No.                                    | Name of Personnel | Hard Hat | Safety Glass | Safety Boot | Gum Boot | Working Gloves | Reflective Vest |
|  |                   |          |              |             |          |                |                 |
|  |                   |          |              |             |          |                |                 |
|  |                   |          |              |             |          |                |                 |
|  |                   |          |              |             |          |                |                 |
|  |                   |          |              |             |          |                |                 |

#### **GENERAL MATERIALS REQUIRED:**

1. Roller aerial clamp No1
2. Grade B galvanized pipe with minimum diameter of 100mm or Hardwood wooden pole treated to grade H5. The pole shall be QC stamped on the pole for verification by EFL.
3. Hard drawn cable 6mm<sup>2</sup>
4. Switch board (**refer Table 2**)
5. Entry box + 20mm adaptor
6. 40A single pole Main Switch
7. 16 amps ELCB for power point circuit(with 2 pole base and cover)
8. 10 amps ELCB for light circuit (with 2 pole base and cover)
9. Earth rod-  $\phi$  12mm
10. Earth clips
11. TPS cable 1.5mm<sup>2</sup> and 2.5mm<sup>2</sup>
12. 10 amps GPO + mounting block
13. 2 x lights and light switches
14. 2 x 2 feet tube lights – complete fittings
15. Conduits, bends and/or elbow

16. 20mm galvanised saddle
17. 4mm PV green earth wire
18. Self-tap screws
19. 7 hole neutral link & cover
20. J-hook
21. Light switch TPS cable 1.0mm
22. No1, No2, No3 Wiring Clips
23. 5'' x ½'' galvanised bolt and nut
24. Anti –corrosion paint
25. 20mm adaptor lock nut (for PVC cable entry)

*Table 2: Switch board specifications*

| Parameters              |        | Specified Values   |
|-------------------------|--------|--|
| Material                |        | WEATHERPROOF Aluminum or Galvanized Steel rated to IP23 standard                 |
| Dimension               | Length | 356mm (14'')   |
|                         | Width  | 305mm (12'')   |
|                         | Depth  | 280mm (11'')   |
| Enclosure Type          |        | Plain door enclosure   |
| Device Application      |        | Distribution metering  |
| Enclosure Mounting      |        | Surface, semi flush  |
| Cable Entry             |        | Knock-out bottom   |
| Door                    |        | Hinged to meter box  |
| Door Opening            |        | Top open from Bottom to Top  |
| Lock Type               |        | Pad lockable door / cover  |
| Board /Panel            |        | The Board /Panel is to be 356mm x 305mm (14" x 12'') shall be of "zelmite" type. |
| IP Degree of Protection |        | IP23   |
| Lid Stopper             |        | A mechanism shall be provided to hold the lid when opened                        |
| Paint                   |        | Painted to protect against corrosion   |
| Switchboard Stopper     |        | To be made of brass  |



Table 3: Technical Specifications

| Features                      |                                   | Specification   | Bidder Compliance |
|-------------------------------|-----------------------------------|---|-------------------|
| Aerial Mains                  | Insulation                        | V-90 insulated  |                   |
|                               | Rating                            | 600 to 1000 volts                                     |                   |
|                               | Cross-sectional Area              | 2 x 6mm <sup>2</sup>                                  |                   |
|                               | Core Material                     | Circular, stranded, plain hard drawn copper (Class 2) |                   |
|                               | Insulation color                  | Black   |                   |
|                               | Manufacturing & Testing Standards | AS/NZS 5000.1   |                   |
|                               |                                   | AS/NZS 1125   |                   |
|                               |                                   | AS/NZS 1660   |                   |
|                               |                                   | AS/NZS 3008.1.1                                       |                   |
| ELCB                          | Supplier                          | (HPM, Schneider, Clipsal, etc.)                       |                   |
|                               | Poles                             | 2P  |                   |
|                               | Rated current                     | 10A & 16A   |                   |
|                               | Rated voltage                     | 230-240 V   |                   |
|                               | Curve Code                        | C   |                   |
|                               | Earth leakage                     | 30mA  |                   |
|                               | Network Frequency                 | 50Hz  |                   |
|                               | Trip unit technology              | Thermal Magnetic                                      |                   |
| Main Switch                   | Supplier                          | (HPM, Schneider, Clipsal, etc.)                       |                   |
|                               | Switch function                   | 1P  |                   |
|                               | No. of poles                      | 1P  |                   |
|                               | Rated current                     | 35A   |                   |
| Light Fittings +              | Supplier                          | (Philips, Crompton, etc.)                             |                   |
|                               | Type                              | (Single batten or Double batten)                      |                   |
|                               | Wattage                           | 9W  |                   |
| GPO Mounting block +          | Supplier                          | (HPM, Schneider, Clipsal, etc.)                       |                   |
|                               | No. of Gang                       | 2 (one switch for light)                              |                   |
|                               | No. of Socket                     | 1   |                   |
|                               | Rated voltage                     | 240V  |                   |
|                               | Rated Current                     | 10A   |                   |
|                               | Standard                          | AS/NZS 3100, AS/NZS 3112                              |                   |
| Light Switch + Mounting block | Supplier                          | (HPM, Schneider, Clipsal, etc.)                       |                   |
|                               | No. of Gang                       | 1   |                   |
|                               | Rated voltage                     | 240   |                   |
|                               | Rated current                     | 10A   |                   |
|                               | Standard                          | AS/NZ 3133  |                   |
| Entry Box                     | Supplier                          | (HPM, Schneider, Clipsal, etc.)                       |                   |

|              |                       |                                 |  |
|--------------|-----------------------|---------------------------------|--|
|              | No. of Clamps         | 2                               |  |
|              | Number of cable entry | 2                               |  |
| Neutral Link | Supplier              | (HPM, Schneider, Clipsal, etc.) |  |
|              | Cable cross section   | 16mm                            |  |
|              | Rated current         | 100A                            |  |
|              | Rated voltage         | 500V                            |  |
|              | Connection type       | Screw terminals                 |  |
|              | Poles                 | 7                               |  |

**Bidders are to ensure that the above Schedule is included as part of their bid. Failure to provide documentation for the above will disqualify the bid.**

**OTHER IMPORTANT NOTES & INSTRUCTIONS:**

- **Mounting of the Switchboard (Meter Box):** The meter box shall NOT be mounted directly on the tin / metallic walls of the houses. Finely crafted TREATED WOODEN BATTENS (preferably of size 2"x1") shall be mounted neatly first on the metal wall, and then the switchboard (meter box) screwed onto the wooden battens at the wall. **SWITCHBOARDS MAY BE MOUNTED DIRECTLY ON WOODEN WALLS OF WOODEN BUILDINGS AND BUILDINGS WHERE THE WALLS ARE CONCRETE OR MASONRY.**
- Any intermediate pole should be erected at maximum 40 meters apart with a pole cap where the aerial mains from the grid to the entry box is more than 40 meters.
- The minimum ground clearance to be 4.6 meters for area used by vehicles, 3 meters for areas not used by vehicles (Note: service mains are prohibited from crossing other customers roof or structure). A raiser may be used to achieve clearance provided it is earthed. The cross sectional area of the MEN should not be less than that of the main neutral conductor.
- The conduits are to be glued at the joints. The earth joints at the switchboard are to be soldered.
- Quality screws and nuts (such as brass screws) shall be used in the installation
- Adequate mechanical protection should be reinforced where the conductors pass through a structural member, or are fixed in position, within 50 mm from the face of the supporting member to which the lining roofing material is attached.
- LED Light Fittings Ratings of 9W & 18W, 240V, 1Ph, 50Hz shall comply with AS 2643, and AS 3168. ***Crompton and Philips are known proven tube-light brands and are recommended for use.***

## 5. Payment terms & Requirements

Bidders must be acceptable to and comply with EFL's payment schedule as shown in **Table 4**. Progressive Payments for each project portion undertaken will be made in the following manner upon completion of relevant tasks.

*Table 4: Payment Schedule*

| <b>Task to be completed</b>   | <b>Payment</b> |
|---|----------------|
| <p><b><u>Signing of contract</u></b></p> <p>Signing of Contract with EFL – Advance payment of 10% of payment to be paid to the Contractor upon the receipt of 10% Performance Guarantee or Bank Guarantee prior to signing.</p> <p><b>Personal cheques will not be accepted-</b> if unable to provide bank guarantee, this 10% will only be paid once contractor has mobilized on site, and commenced wiring as vetted by project technician(s)</p>   | 10%            |
| <p><b><u>PHASE 1: Upon Completion of wiring of 40% of Installations</u></b></p> <p>House wiring includes complete internal wiring of all the houses in. i.e.</p> <ul style="list-style-type: none"> <li>(1) Complete installations of the 2 Switches;</li> <li>(2) the 2 Light Fittings &amp; Tubes;</li> <li>(3) the 3 Mounting Blocks; and</li> <li>(4) The Power Points.</li> </ul> <p>For customers with existing wiring, all checks to be made to ensure all of the above is up to standard and good working condition</p> | 30%            |
| <p><b><u>PHASE 2: Upon Completion of wiring of 100% of Installations</u></b> , and completion of house wiring of all indoor and outdoor wiring of:</p> <ul style="list-style-type: none"> <li>(5) Entry Boxes,</li> <li>(6) Lead-In Cables;</li> <li>(7) Switchboard,</li> <li>(8) Main Switches;</li> <li>(9) Neutral Links;</li> <li>(10) Earth Leakage Circuit Breakers; and</li> <li>(11) Complete Connection of MEN System</li> <li>(12) Complete installations of Led Tubes</li> </ul>                                    | 40%            |
| <p><b><u>PHASE 3_ Tender Specifications Compliance</u></b></p> <p>This is paid to contractors after EFL Inspectors/ Project Technicians have:</p> <ul style="list-style-type: none"> <li>1) carried out the final inspection of the project;</li> <li>2) ascertained that the entire project has been completed and wired up to AS/NZS 3000:2018 standards and EFL best practice;</li> </ul>  | 10%            |

|  |     |
|--|-----|
| 3) Confirmed that the brands / qualities of materials used are as specified in the tender document.  |     |
| 4) lodgment of Permit Application Documents & Requirements for all three (3) customers associated with this scheme   |     |
| <b>Retention / Defect Liability Period (6 months)</b> following successful inspection & connection - with no defects or failure of materials due to workmanship or quality of work | 10% |

LPO shall be given out by EFL to the successful contractor at the beginning of each phase

Each task mentioned above shall be vetted by EFL staff (Inspector/Project Technician) upon Progress Inspection before payment is endorsed.

Once EFL endorsement is provided, bidder may then provide the invoice, and payment will be made as per EFL current payment policies and procedures (generally within 30 days of invoice).

**The invoice shall be accompanied by a copy of the latest project status report from the Contractor. Payment shall not be processed unless the invoice is submitted together with the Contractor's Project Status Report.**

## 6. Tender Submission Details

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

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

This tender closes at **4.00pm (1600hrs) WEDNESDAY 28<sup>th</sup> August, 2024.**

For further information or clarification please contact our Supply Chain Office on phone (+679) 3224360 or (+679) 9992400 or email us on [tenders@efl.com.fj](mailto:tenders@efl.com.fj)

All bidders must ensure that their bid is inclusive of all Taxes payable under Fiji Income Tax Act.

**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.**

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

**ALL BIDDERS MUST FILL IN THE MANDATORY TENDER SUBMISSION FORMS SCHEDULE 1 TO 7 AND PROVIDE ALL RELEVANT DOCUMENTS (AS STATED IN THE FORMS/CHECKLIST) AS PART OF THEIR TENDER SUBMISSION**

## 7. Tender Evaluation Criteria

All bids will go through a normal tender evaluation process as per EFL's Tender Policy and Procedures.

The successful bidder will be advised of the outcome after completion of the Tender evaluation process, through which they may enter into a short-term agreement during award to delivery process.

The evaluation of the tender submissions will be weighted as per Table 5.

*Table 5: Tender Evaluation Criteria*

| No. | Components   | Weighting (%) |
|-----|--|---------------|
| 1   | Clarity of Bid & Tender Submission Forms & Schedules | 30 %          |
| 2   | Timeline for Completion                              | 30 %          |
| 3   | Quality of Products Used for Wiring                  | 40 %          |

## Appendix 1

### List of Customers to be wired

#### **Scheme VU01-20 Electricity supply to Waidrauso settlement, Naitasiri**

1. Sanaila Rasekaseka
2. Pauliasi Sagata
3. Mere Canayavusa
4. Simeli Nawa

#### **Scheme VU07-18 Electricity supply to Uluisavuidua Farming Community, Qiolevu**

1. Epeli Nabatisila
2. Joji Seibouma
3. Mateo Vosota
4. Joseva Nodrakoro
5. Unaisi Waqa
6. Lote Bogirua
7. Uluisavudua Methodist Church
8. Sovea Tagilala
9. Isimeli Turagabeci
10. Maciu Koroicakau
11. Mosese Tikoitoga
12. Vereimi Valevoro
13. Naisa Tuinaceva
14. Maria Golea
15. Nacanieli Draseru
16. Temo
17. Sekove Ratuvono
18. Lasarusa
19. Anare Tuifagalele
20. Sivorosi Nasoro
21. Sekove Ratinalevu
22. Maria Rosa
23. Iosefo Semi
24. Alipate Waqalevu
25. Seini
26. Josaia Robanakadavu
27. Maca
28. Sakeasi Tawaketini
29. Mavetina Moce
30. Lorima
31. Samuela Tuilakepa
32. Sowane Puamau
33. Sakiusa Kama

## SCHEDULE 1: TENDER FORM (EFL MR 264/2024)

The following information has to be filled by the bidder and submitted with Tender Documents:

1. Company/Contractor's Name:

\_\_\_\_\_

2. Contracting License Number: \_\_\_\_\_

3. Director/Owner(s): \_\_\_\_\_

4. Postal Address: \_\_\_\_\_

5. Email Address: \_\_\_\_\_

6. Phone Number: \_\_\_\_\_

7. Fax Number: \_\_\_\_\_

8. Office Location: \_\_\_\_\_

9. Facsimile & Skype: \_\_\_\_\_

10. Web Address: \_\_\_\_\_

11. TIN Number: \_\_\_\_\_

12. Company Registration Number: \_\_\_\_\_

13. FNPF Employer Registration Number : \_\_\_\_\_

14. Number of Branches & locations: \_\_\_\_\_

15. Years of Experience in House Wiring: \_\_\_\_\_

I hereby, declare that all the above information is correct.

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

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

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

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

**Contractor Name/Stamp**

## SCHEDULE 2: LIST OF PERSONNEL ENGAGED IN HOUSE-WIRING

| Employee Full Name | Position | Wireman's License Number | TIN Number | FNPF Number |
|--------------------|----------|--------------------------|------------|-------------|
|                    |          |                          |            |             |
|                    |          |                          |            |             |
|                    |          |                          |            |             |
|                    |          |                          |            |             |
|                    |          |                          |            |             |
|                    |          |                          |            |             |
|                    |          |                          |            |             |

Contractor Name/Stamp



## SCHEDULE 3: COMPLIANCE CHECKLIST

**Compliance** - The following documents are to be provided with the tender bid:

| No. |  | Check (✓) |
|-----|--|-----------|
| 1   | Tax Compliance Certificate from FRCS   |           |
| 2   | Business Registration details  |           |
| 3   | FNPF Compliance Certificate  |           |
| 4   | Project Team Composition of the team executing the works, including photo IDs, qualification of personnel  |           |
| 5   | List of projects carried out   |           |
| 6   | Insurance cover details – <ul style="list-style-type: none"><li>• Public Liability,</li><li>• Workers Compensation</li><li>• Contractor's all risk</li></ul> |           |
| 7   | FNU Compliance Certificate   |           |
| 8   | HSE form   |           |

**Contractor Name/Stamp**

## SCHEDULE 4: SCHEDULE OF PRICES

Recommended brands are highlighted in each description.

### Firm Costing

**Note:** For customers with existing power supply, include pricing for diversion of service mains together with checking and ensuring electrical wiring compliance.

The total Contract sum for of the works shall be \$ \_\_\_\_\_ **VIP.**

| Part 1: Price Schedule for New Power Supply |  |        |          |            |
|---|--|--------|----------|------------|
| No.   | Customer Name  | Labour | Material | Total Cost |
|   | <b>VU01-20 Supply to Waidrauso settlement, Sawani Naitasiri</b>            |        |          |            |
| 1   | Sanaila Rasekaseka   |        |          |            |
| 2   | Pauliasi Sagata  |        |          |            |
| 3   | Mere Canayavusa  |        |          |            |
| 4   | Simeli Nawa  |        |          |            |
|   |  |        |          |            |
|   | <b>VU07-18 Supply to Uluisavuidua Farming Community, Qiolevu Naitasiri</b> |        |          |            |
| 1   | Eveli Nabatisila   |        |          |            |
| 2   | Joji Seibouma  |        |          |            |
| 3   | Mateo Vosota   |        |          |            |
| 4   | Joseva Nodrakoro   |        |          |            |
| 5   | Unaisi Waqa  |        |          |            |
| 6   | Lote Bogirua   |        |          |            |
| 7   | Uluisavuidua Methodist Church  |        |          |            |
| 8   | Sovea Tagilala   |        |          |            |
| 9   | Isimeli Turagabeci   |        |          |            |
| 10  | Maciu Koroicakau   |        |          |            |
| 11  | Mosese Tikoitoga   |        |          |            |
| 12  | Vereimi Valevoro   |        |          |            |
| 13  | Naisa Tuinaceva  |        |          |            |
| 14  | Maria Golea  |        |          |            |
| 15  | Nacanieli Draseru  |        |          |            |

|                          |                     |  |  |  |
|--------------------------|---------------------|--|--|--|
| 16                       | Temo                |  |  |  |
| 17                       | Sekove Ratuvono     |  |  |  |
| 18                       | Lasarusa            |  |  |  |
| 19                       | Anare Tuifagalele   |  |  |  |
| 20                       | Sivorosi Nasoro     |  |  |  |
| 21                       | Sekove Ratinallevu  |  |  |  |
| 22                       | Maria Rosa          |  |  |  |
| 23                       | Iosefo Semi         |  |  |  |
| 24                       | Alipate Waqalvu     |  |  |  |
| 25                       | Seini               |  |  |  |
| 26                       | Josaia Robanakadavu |  |  |  |
| 27                       | Maca                |  |  |  |
| 28                       | Sakeasi Tawaketini  |  |  |  |
| 29                       | Mavetina Moce       |  |  |  |
| 30                       | Lorima              |  |  |  |
| 31                       | Samuela Tuilakepa   |  |  |  |
| 32                       | Sowane Puamau       |  |  |  |
| 33                       | Sakiusa Kama        |  |  |  |
|                          |                     |  |  |  |
| <b>Subtotal (Part 1)</b> |                     |  |  |  |

| Part 2: Other Costs                 |  |
|-------------------------------------|--|
| Mobilization Cost to Site           |  |
| Demobilization Cost from Site       |  |
| <b>Subtotal (Part 2)</b>            |  |
| <b>GRAND TOTAL (Part 1 &amp; 2)</b> |  |

## SCHEDULE 5: LIST OF MATERIALS

### Materials

The table below consists of materials required to be installed at the sites. Ensure the models coincides with applicable standards.

| Item No. | Description   | Quantity | Brand |
|----------|---|----------|-------|
| 1        | Supply & Installation of Light Fittings: <b>(Philips, Crompton brand)</b>                         |          |       |
| 2        | Supply & Installation of Light Tubes: <b>(Philips Crompton brands)</b>                            |          |       |
| 3        | Supply & Installation of Light Switches:<br><b>(PDL/CLIPSAL/HPM/ LEGRAND/ SCHNEIDER)</b>          |          |       |
| 4        | Supply & Installation of General Purpose Outlets:<br><b>(PDL/CLIPSAL/HPM/ LEGRAND/ SCHNEIDER)</b> |          |       |
| 5        | Supply & Installation of ELCB;<br><b>(MERLIN GERIN/SCHNEIDER/CLIPSAL/PDL/HPM/ LEGRAND/NHP)</b>    |          |       |
| 6        | Supply & Installation of Main Entry Box<br><b>(PDL/CLIPSAL/HPM/ LEGRAND/ SCHNEIDER)</b>           |          |       |
| 7        | Supply & Installation of Main Switch<br><b>(PDL/CLIPSAL/HPM/ LEGRAND/ SCHNEIDER/NHP)</b>          |          |       |
| 8        | Supply & Installation of Neutral Link<br><b>(PDL/CLIPSAL/HPM/ LEGRAND/ SCHNEIDER)</b>             |          |       |
| 9        | Brass Screws, Nuts + all other Accessories  |          |       |
| 10.      | Cables and conductors   |          |       |

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## SCHEDULE 6: WORK SCHEDULE & TIMELINES

This schedule sets out the timelines for each phase which corresponds to the payment schedule

|  | EFL Guideline                  | Timeline from Contractor<br>(weeks/days) |
|--|--------------------------------|--|
| Mobilization and commencement of Work  | Within 5 days of Issue of LPO  |  |
| <b>Completion of Phase 1 (internal wiring)</b><br>1. Complete installations of the 2 Switches;<br>2. the 2 Light Fittings & Tubes;<br>3. the 3 Mounting Blocks; and<br>4. The Power Points   | Within 2 weeks of issue of LPO |  |
| <b>Completion of Phase 2 (outdoor wiring)</b><br>5. Entry Boxes,<br>6. Lead-In Cables;<br>7. Switchboard,<br>8. Main Switches;<br>9. Neutral Links;<br>10. Earth Leakage Circuit Breakers; and<br>11. Complete Connection of MEN System<br>12. complete installations of fluorescent Tubes<br>13. Diversion of service mains for existing houses | Within 2 weeks of issue of LPO |  |
| <b>TOTAL TIME TO COMPLETE HOUSE WIRING FOR ALL 37 CUSTOMERS</b>  |                                |  |

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## **SCHEDULE 7: HSE ANALYSIS & PLAN**

**All bidders must provide a Safety Plan on how they will manage associated risks during the House Wiring Project**

Note: separate sheets may be attached wherever necessary.

**Contractor Name/Stamp**