



ENERGY FIJI LIMITED

BIDDING DOCUMENT

MR 96/2021

**Construction of enclosure for 11kV
Switchgear at Deuba Power station.**

Section 1. Instructions to Bidders

- 1. Scope of Bid** Energy Fiji Limited (hereinafter referred to as "the Employer"), wishes to receive bids for Construction of enclosure for 11kV Switchgear at Deuba Power station as specified in these bidding documents (hereinafter referred to as "the works
- The successful bidder will be expected to complete the works within 8 weeks from the date of commencement of the works.
- 2. Eligible Bidders** This Invitation to Bid is open to bidders who have sound financial background and have previous experience.
- 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. Eligible Materials, Equipment and Services** The materials, equipment, and services to be supplied under the Contract shall have their origin from reputable companies from various countries and all expenditures made under the Contract will be limited to such materials, equipment, and services. At the Employer's request, bidders may be required to provide evidence of the origin of materials, equipment, and services.
- 4. 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 complete the works in accordance with the specifications and the time for completion.
- 5. 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.
- 7. Deadline for Submission of Bids** Bids must be received by the Employer at the address specified above no later than **1600 hours (Fiji Time) (12th May 2021)**.
- 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.
- 8. 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.
- 9. 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.

The bidder's modification or withdrawal notice shall be prepared, sealed, marked and delivered, with the outer and inner envelopes additionally marked "MODIFICATION" or "WITHDRAWAL", as appropriate. A withdrawal notice may also be sent by fax but must be followed by a signed confirmation copy.

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

10. 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.

11. Notification of Award

Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder by fax/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, completion and maintenance 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 a performance security, the Employer will promptly notify the other bidders that their bids have been unsuccessful.

12. 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.

13. 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) The 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.

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Technical Specifications for Construction of enclosure for 11kV Switchgear at Deuba Power station.

1.0 General Description

Energy Fiji Limited (EFL) is a statutory body vested with the responsibility for the provision of electricity supply throughout the Fiji Islands. The EFL is hereby requesting proposals from the reputable contractors to construct enclosure for 11kV Switchgear at Deuba Power station.

The contractor shall meet Fiji National Building code, National Fire Authority (NFA) code and Electrical IEC/BS/AS/NZ standards. The bidder's proposal shall address all requirements within the specification and shall include sufficient information and supporting documentation in order to determine compliance with this specification without further necessary inquiries.

The civil works comprises of building a concrete wall at Deuba Power station to segregate generator area and switchgear area. The Electrical Works comprises of reinstatement of all lights and installment of Air-condition at the area of scope. Soundproofing will also be required as the main purpose of this tender is to completely isolate the 11kV switchgear room at Deuba Power Station.

2.0 Instruction to Bidders

1. Bidders are requested to read carefully the contents of the tender document.
2. Bidders are to complete the tender document and provide all the related documents information in sufficient detail.
3. All documents must be in English language.
4. All Bidders will be informed accordingly after finalization of tender decision.
5. Bidders should note clearly the date and the time of submittal of the tender document. No late or delayed applications will be accepted. Bidders are reminded that no supplementary material will be entertained by EFL after the close of submission. However EFL may, if necessary, at its sole discretion ask for any clarification regarding the submitted tender and/or related documents.
6. All the bidders including those who have tendered are requested to get in touch with EFL's Supply Chain Office for any tender clarifications. **SITE VISIT IS MANDATORY**

3.0 Requirements

1. Bidder to verify all dimension on site before submitting their tender.
2. Bidder to verify all building surfaces and current condition and advise on any alteration before submitting their tender
3. Bidder to ensure all materials are used as per the plans and specification provided by the EFL.
4. Bidder to ensure all their workers have proper PPE while entering the EFL sites.
5. Bidder to ensure all cleaning and finishing works to be done within proper specification.
6. Bidder to ensure respective work are done by skilled Tradesman.
7. Bidder to use their own scaffolding, plants, machines, transportation, and services as necessary to complete all refurbishment work included in the specifications.
8. Bidder to coordinate with the EFL site supervisor to discuss all site issue and constraints.

9. Left over debris must be inspected by EFL and on approval from the client the same shall be disposed in a manner appropriate by the bidder. Debris that the client deems as not to be disposed shall remain the property of the client.
10. Bidder to provide full company profile.
11. Bidder to provide Tax Compliance Certificate.

Standards

Construction

AS3600-2009

22966:2009

Fire Sprinkler Removal Works

General requirements to NZS 4541: 2007

Sprinklers: to NZS 4541:2007 and NFPA 13:2007

Fire water storage tanks to AS2419, AS2304, and NFPA 22

Drencher (wall wetting) system to ANSI/ NFPA 15-1990 and ANSI/ NFPA 750-2003

Deluge system to ANSI NFPA 16-2003

Electricity generation and distribution to ANSI NFPA 13-2002

Pump sets. To NZS 4541:2007

Valve monitors to NZS 4118.1.4

Fire brigade booster connection to NZS 4541:2007

Piping material: To conform to ANSI /ASME Standards

Plumbing and drainage: To AS/ NZS 3500.0, AS/NZS 3500.1, AS/NZS 3500.2, AS/NZS 3500.3, AS/ NZS 3500.4

Painting Works

AS/NZS 2589 (2007)

AS/NZS 2311 (2009)

AS/NZS 2311 (2009).

Metal door

ANSI 250.4 and ANSI 250.8

Soundproofing

ISO14163:1998

Air condition Installation

ISO 11855

Lighting Works

ISO/CIE 20086:2019

4.0 System Specifications

1. Preliminary and General

The Contractor shall furnish all labor, equipment, transportation, and services as necessary to complete all works included in the specifications.

2. Site Location

11kV Deuba Power Station

3. Energy Fiji Limited

The contractor shall at all times comply with all Energy Fiji Limited's HSE Regulations currently in force.

4. Building Conditions

The contractor is advised to visit and assess the site and existing premises prior to tendering, as no claim will be allowed on the grounds of ignorance of the conditions existing.

5. Work Plan

The contractor shall prepare a Work Program, Work Safety Plan/Risk Assessment Plan in accordance and shall submit the plan to the Officer in charge for his approval before commencing with work on the site.

6. Amendment of Tender

At any time prior to the deadline for submission of tenders, Energy Fiji Limited, for any reason whether at its own initiative or in response to a clarification requested by a prospective tenderer, may modify the tender document by amendment. All prospective tenderers that have received the tender document will be notified of the amendment in writing and will be binding on them. In order to allow prospective tenders reasonable time to take the amendment into account in preparing their tenders, Energy Fiji Limited at its direction, may extend the deadline for the submission of tenders.

5.0 OTHER RELEVANT INFORMATIONS

1. Site Safety Management System

The contractor shall at all times comply with all Energy Fiji Limited's HSE Regulations currently in force. The contractor is to obtain all approvals from Ministry of Labor for any scaffolding to be used on the site. All PPE's and other safety equipment's will be checked by EFL's Health and Safety Department (HSE) to confirm if they are in compliance with the relevant current safety standards. No work shall commence prior to approvals given from EFL's HSE Department.

2. Occupational Health and Safety Requirements

During submission process:

1. Bidders shall submit a current copy of the company:

- OHS Policy
- Environment Policy
- Personal Protective Equipment Policy
- Working at heights Policy (if applicable)
- Valid license of your qualified electricians and plumbers
- OHS professional who will be at the site together with his photos, qualifications and expertise
- Safe Work Method Statement or Job Safety Analysis (Risk Management) of the project that clearly define in a table format the steps of work (in chronological order) with the associated hazards, risks and controls according to the hierarchy of control method
- Project site safety inspection checklist and a Tool Box meeting form
- Workers who will be directly involved at the site with their photos, names and designation/occupation in a A4 paper

2. Any working at heights using scaffolds more than 1.8 meter, the bidder should provide the OHS inspection report.

3. Any Plant mentioned in the (Legal Notice 170) Health and Safety at Work Regulations 1997, the bidder should provide the current and valid certificate.

4. Bidders shall submit sub-contractor management documents if at any stage they will involve in the project.

During project execution:

1. The selected bidder will have to attend the Safety Induction of the project site conducted by the respective EFL personnel.

2. The selected bidder should conduct at least a minimum of two Project meetings in a week to discuss the project safety issues, formal site compliance, site inspections, injury report and etc. This meeting should be recorded in the template and presented to EFL upon request.

3. Selected bidder shall provide an entry point and erect the appropriate applicable Mandatory safety signage's which are to be visible at all times.

4. Selected bidder shall also provide a designated OHS Notice board at the site.

5. Selected bidder should always maintain the safety barricades and signage's during and after the progress of the project at all times
6. The selected bidder should provide their own qualified First Aider and First Aid Kit at the site according to the size and ratio mentioned in the (Legal Notice 25) Health and Safety at Work (General Workplace Condition) Regulation 2003.

3. Site Conditions

- a) The selected bidder shall visit site to familiarize themselves with all aspects of the works.
- b) The selected bidder shall provide adequate protection for all adjoining and adjacent building elements. Any damage sustained as a result of the bidders work shall be repaired/ replaced to the EFL satisfaction without cost to the EFL and shall be completed within the Contract period.
- c) The selected bidder is responsible and shall allow for all types of site access, scaffolding, ladders, hoists as well as barricades, hoardings and or temporary fences.
- d) The selected bidder are responsible for and shall allow for any and all Council and regulatory authority fees and permits where such fees & permits apply to the construction, completion and occupation of the building.
- e) The site shall be progressively kept clean with final clean up prior to hand-over.
- f) The selected bidder shall identify, locate, secure and protect all existing services within the premises.
- g) The selected bidder shall prop and secure all elements that may be subject to vibration or movement from the proposed works.
- h) It is essential that the selected bidder give due consideration to the environmental conditions within which this property exists. It will be the selected bidder responsibility to ensure, for example, galvanizing to correct thicknesses, stainless steel components of the correct grade and similar issues should be adhered to appropriate separation for dissimilar materials should be allowed for to avoid any form of corrosion or cracking.
- i) No Parking shall be allowed on site to the selected bidder unless approved.
- j) Storage sheds if required to be supplied by the selected bidders and located as directed by EFL.

4. Environmental Control

Comply with all environmental protection provisions in the Contract and the requirements of any statute, by-law, standard and the like related to environmental protection.

5. Protection of People and Property

The contractor shall keep all persons (workers) under control and within the boundaries of the site. He will be held responsible for the care of the existing premises and works generally until completion.

6. Duration of Work

The expected duration for the completion of work shall be Eight (8) Weeks.

7. Materials

- The selected bidder shall ensure that the products nominated in the tender specification shall be used unless approval for substitute products is given by EFL in writing. Substitute product approval shall not be unreasonably withheld if quality and performance can be assured.
- The selected bidder shall ensure that the product used shall be used in strict accordance with Manufacturer's instructions and may be subject to the Manufacturer's inspections as required.

- The selected bidders shall supply all the necessary materials as new and shall further supply all necessary tools, equipment and access aids to allow the safe and prompt execution of the contractual works.

8. Storage on Site

Store materials and equipment on site to prevent damage to site and minimize hazards to persons, materials and equipment. Keep storage area neat and tidy.

Take proper precautions to keep poisonous and other injurious substance in place secured against access by unauthorized persons.

9. Daily Diary Reports

Progress reports shall be submitted daily on the forms provided by the Officer in charge or relevant Engineer.

10. Care Of the Works, Etc

The contractor shall keep all persons under control and within the boundaries of the site. Contractor will be held responsible for the care of the existing premises and works generally until completion.

11. Clearing Away

The contractor shall take down and clear away all plant and temporary work and make good. The contractor shall remove all existing rubbish and debris and surplus materials from the site as they accumulate and at completion; and clean all surfaces, including those of the affected portions of the existing premises, internally and externally, and leave the works clean and to the satisfaction of the Officer in charge or Engineer at completion.

12. Tobacco /Alcohol/Drug Free Environment

EFL maintains drug free environment. Any personnel of the contractor found violating the policy will be requested to remove the product and themselves from the sites. Smoking tobacco is not allowed in EFL buildings and if so there will be designated smoking areas. Offensive language or actions are not acceptable. The EFL shall have the absolute right to require replacement of any employee the EFL deems objectionable to work on EFL premises.

13. Insurance Requirements

The Contractor shall be solely responsible for all respective insurance cover of person, tools, equipment involved in carrying out the Works.

The Contractor must obtain and maintain respective insurance cover at all relevant times sufficient to cover any loss or costs that may be incurred and for which the Contractor is liable in connection with the contractual works, including:

Contractors All Risk \$500,000.00

Public Liability \$500,000.00

14. Site Visit

a) All interested bidders must attend a **compulsory** site visit as follows:

Location	Date	Time	Contact Person
Deuba Power Station	28/04/2021	11:30am	Nitin Bali (+679 9926279)

b) All tenderers shall inspect and examine the site, its surroundings, and shall satisfy him before submitting his tender, as to the nature of the work and necessity for the carrying out the contract work. **SITE VISIT IS MANDATORY FOR ALL BIDDERS**

6.0 Scope of Works

Tender to Construction of enclosure for 11kV Switchgear at Deuba Power station.

ITEM	SCOPE	PRICE(VEP)
	DEUBA POWER STATION	
1.0	CONCRETE WALL – Type: Cast in Place	
1.1	<ul style="list-style-type: none"> a. Concrete wall of type cast in place is to be built with reference to AS 3600-2009. b. The block size required to construct the wall is to be 400MM x 200MM x 200MM. c. The wall needs to cover an area of 40.75m² approximately excluding the entrance (Both door ways) d. Finishing of the wall must include smooth plaster with painting works as stated by EFL. e. Please note all works must be built with reference to AS3600-2009 or an alternative International Standard e.g AS,NS,BS. (please state standards while bidding) f. Bidders can provide alternative offer if they want to use any other material other than concrete wall. 	\$
2.0	DOOR WAY – Type: Roller Shutter Door and Single door	
2.1	<ul style="list-style-type: none"> a. The roller shutter door will cover an area of 4m² (Width – 2 meter, Height – 2.320 meter) and to be located at A (Refer Appendix Page 28) b. The roller shutter door is to be electrically operated (motorizing gearbox drive via switch) and manual hand chain. c. The curtain is to be assembled from roll formed, galvanized steel interlocked slats, each having an effective width of 100mm. The slats can be replaced individually if damaged. d. An extruded aluminum bottom bar with a Neoprene weather seal is to be fitted to the lower edge of the curtain e. The guides are to be constructed from roll formed galvanized steel of standard type. The depth of standard guides is to be 50mm and fitted with formed bell mouths to accept the shutter curtain. f. The shutter barrels to be fabricated from galvanized steel tube with a minimum diameter of 165mm and of sufficient wall thickness to ensure that nominal deflection does not exceed safe working conditions. 	\$

	<p>g. The manual operation of the shutters are to be done by hand chain via driving steel sprockets and 12.7mm pitch roller chain connected to a spring assisted barrel.</p> <p>h. The compact motorizing units are to be powered by a three phase 0.37kW (May Vary due to load conditions) electric motor for electrical operation of the shutters. The motor is to drive an enclosed worm gearbox with chain reduction to the shutter barrel.</p> <p>i. The shutter doors must include forward and reverse starters with limit switches (open/close).</p> <p>j. Standard speed of operation is to be approximately 185mm per second.</p> <p>k. The shutter door is to be well coated for corrosion protection.</p> <p>l. Please note all works must be carried out in conjunction with International Standard e.g AS,NS,BS. (please state standards while bidding)</p>	
2.2	<p>a. Single door is to be located at location B (Refer Appendix – Page 28) and the preferred size of the door is 1900mm in length and 610mm in width (door width same as steps width). Door will cover an area of 1.22m².</p> <p>b. The single door should be made out of metal with Lockwood brand door closure.</p> <p>c. The single door should be of 20 Gauge galvanized steel and 1 3/4" thick.</p> <p>d. Doors to come with both closer and reversible hinge reinforcements.</p> <p>e. Please note all works must be done with reference to ANSI 250.4 and ANSI 250.8 or an alternative International Standard e.g AS,NS,BS. (please state standards while bidding)</p>	\$
3.0	Wall And Ceiling Works-Soundproofing	
3.1	<p>a. The remaining walls are to be filled and compacted by pink batt (soundproofing material) and covered by GIB Fyreline – High performance fire resistant board.</p> <p>b. The area of the walls to be soundproofed and covered is 34.92m² approximately.</p> <p>c. The walls are to be repaired for any water leakages or holes/gaps prior to soundproofing as the room is to be fully sealed.</p> <p>d. Please note all works must be done with reference to ISO14163:1998 or an alternative International Standard e.g AS,NS,BS. (please state standards while bidding)</p>	\$
3.2	<p>a. The ceiling is to be filled and compacted by pink batt (soundproofing material) and covered by GIB Fyreline – High performance fire resistant board.</p>	\$

	<p>b. The area of the ceiling to be soundproofed and covered is 99.6m2 approximately.</p> <p>c. The roofs are to be repaired for any water leakages or holes/gaps prior to soundproofing as the room is to be completely sealed.</p> <p>d. Please note all works must be done with reference to ISO14163:1998 or an alternative International Standard e.g AS,NS,BS. (please state standards while bidding)</p>	
2.0	PAINTING WORKS – Walls, Ceilings, Floor, H channel structural steel and Door	
2.1	a. Contractor to remove, scrape and prepare surface and paint external and internal concrete walls and fixtures with one coat of Dulux Texture Primer followed by two coats of Dulux Design Clear Top Coat. All paints are to be EFL approved colors	\$
2.2	<p>a. Contractor to remove, scrape and prepare surface and paint internal plasterboard walls with one coat of Dulux Professional Fast Finish Undercoat and Ceiling Flat and one coat of Dulux Acrylic Sealer Undercoat with Ultrasmooth followed by two coats of Dulux Design Clear Top Coat. All paints are to be EFL approved colors</p> <p>b. Contractor to remove, scrape and prepare surface and paint plasterboard ceilings with two coats of Dulux Professional Fast Finish Undercoat. For ceilings, apply a second coat of Dulux Professional Fast Finish Undercoat & Ceiling Flat by spray as the finished coat. Back-rolling of the second coat may be performed to achieve the desired finish. All paints are to be EFL approved colors</p>	\$
	a. Contractor to remove, scrape and prepare surface and paint the floor with two coats of Luxafloor PTX paint as per EFL approved colors.	\$
2.3	<p>a. Contractor to remove and scrape rusts in order to prepare surface of H channel structural steel and apply one coat of metal primer (rust guard) and one coats of Dulux Durebild STE paint as per EFL approved colors.</p> <p>b. Contractor to remove, scrape and prepare surface of the galvanized steel door and apply one coat of metal primer (rust guard) and one coats of Dulux Durebild STE paint as per EFL approved colors.</p> <p>c. For all painting works the contractor shall provide minimum of 10years of warranties from the paint supplier on every coat applied. (All painted areas will be discussed during the site visit)</p>	\$
	Please note ALL painting works must be carried out in conjunction with AS/NZS 2589 (2007), AS/NZS 2311 (2009), AS/NZS 2311 (2009) or an alternative International Standard e.g AS,NS,BS. (please state standards while bidding)	

3.0	FILLING OF CAVITY	
3.1	<p>a. Cavity at location C (Refer to Appendix – Page 28) is to be filled with cement slurry with reference to international standards AS/NS</p> <p>b. Cavity of 0.145m³ (approximately) is to be filled.</p> <p>c. Finishing of the step must include smooth plaster AS3600-2009 with painting works as stated by EFL.</p> <p>d. Please note works must be carried out in conjunction with ISO 22966:2009 or an alternative International Standard e.g AS,NS,BS. (please state standards while bidding)</p>	\$
4.0	INSTALLATION OF AIR CONDITIONING UNITS	
4.1	<p>a. 2 x 24000 (Btu/hour) Split type Air conditioning unit is to be installed at locations D and E (Refer to Appendix – Page 29)</p> <p>b. Preferred brand of the Air conditioning unit are Daikin, LG, Samsung or Voltas.</p> <p>c. The unit must have Seasonal Energy Efficiency Ratio of 15 and Energy Efficiency Ratio up to 12.2 along with heating seasonal performance factor of 8.2</p> <p>d. The unit must have a mold resistant washable air filter and inverter driven swing compressor. Must include a drain pan for improved cold climate drainage.</p> <p>e. The unit must contain hot-start function to eliminate start-up drafts. Powerful (turbo) and Econo mode settings to be present.</p> <p>f. Must include wireless remote.</p> <p>g. Warranty to be provided for at least 5 years from the date of installation and operation.</p> <p>h. Please note works must be carried out in conjunction with ISO 11855 or an alternative International Standard e.g AS,NS,BS. (please state standards while bidding)</p>	\$
5.0	Fire Sprinkler System Removal Works	
5.1	<p>a. The fire sprinkler system must be carefully removed from the switchgear room only, before commencing with the ceiling works.</p> <p>b. The fire sprinkler system must be operational for the rest of the building after removing part of it from the switchgear room. (Note: The fire sprinkler is not to be activated while removing it from the switchgear</p>	\$

	<p>room as the switchgears will be live and cause serious damage to the assets if activated)</p> <p>c. All standards must be followed and practiced by a qualified and authorized personnel as stated under the standards section (page number 8)</p> <p>d. It is recommended that the fire sprinkler system removal work is subcontracted to Wormald Fire & Security as the fire sprinkler system is looked after/serviced and installed by Wormald.</p> <p>e. Please note works must be carried out in conjunction with standards listed under standards section on page or an alternative International Standard e.g AS,NS,BS. (please state standards while bidding)</p>	
6.0	LIGHTING WORKS	
6.1	<p>a. All the lighting in the switchgear room must be removed and replaced with LED tube lights.</p> <p>b. A total of 10 x 4 feet White LED tube lights with holder (frames) are to be installed at locations specified on page 29 (Refer Appendix)</p> <p>c. The LED tube lights should be one of the following brands, i.e Philips, Osram or Acuity brand.</p> <p>d. Complete wiring must be done upon installation. Running of new circuits must be done if necessary. Wiring and installation must be done my authorized personal with wiremen’s license.</p> <p>e. All standards must be followed and practiced by a qualified and authorized personnel as stated under the standards section (page number 8)</p> <p>f. Please note works must be carried out in conjunction with ISO/CIE 20086:2019 or an alternative International Standard e.g AS,NS,BS. (please state standards while bidding)</p>	\$
8.0	Site Work	
8.1	<p>a) Contractor to allow for mobilization and Demonization costs.</p> <p>b) Contractor is responsible to clean and clear site</p>	\$

7.0 Standards

All works shall be carried out in conformity to the IEC and ISO Standards in general. British or Australian standards may be applied where necessary. Any national or international standard may be used if such standards are not less exacting than corresponding standards IEC or BSI. In all instances, a copy of the relevant standard adopted shall be forwarded to the Engineer.

8.0 Inspection and Tests

- 8.1 The Authority's Engineer representative shall have the right to inspect the works and to confirm conformity to the contract specifications.
- 8.2 Should any inspected works fail to conform to the specifications, the Authority may reject them and the Contractor shall make all alterations necessary to meet the specification requirements.
- 8.3 Nothing in this clause shall in any way release the Contractor from any other obligations under this contract.

9.0 Site Conditions

- 9.1 The site is located at Deuba Power Station. The Contractor shall be deemed to have visited the site of the works to satisfy him/her as to the accuracy of all information supplied to the Tenderers and to the feasibility of the works.
- 9.2 The proposed location is in a Substation equipped with therefore all necessary Safety Gear must be worn by the Contractor's Staff at all times.
- 9.3 The Contractor may only enter the site upon provision of access by an Authorized EFL representative. The Contractor is not to execute any work without direct supervision from the EFL representative. The times for work are 9am to 3.30pm Monday to Thursday, and 9am to 3pm on Fridays.

10. Setting Out

- 10.1 All tenderers shall inspect and examine the site, its surroundings, and shall satisfy himself before submitting his tender, as to the form and nature of the site, the nature and type of existing work, the quantities and natures of the work and materials necessary for the completion of the Works and the means of access to the site, the accommodation he may require, the availability, conditions and rates of pay of labour and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect his tender.

10.2 The Contractor shall be responsible for the correct detailed setting out of the Works as indicated in the Tender Documents and shall, at his own cost, amend any errors during the progress of the Works arising from inaccurate setting out.

10.3 If a tenderer has any doubt as to the meaning of any portion of the Works, he shall when submitting his tender, include a statement of the interpretation upon which he relies and upon which his tender has been prepared and submitted.

11. Materials, Workmanship and Plant

11.1 Materials in all trades shall be new and the best of their kinds specified and necessary complying with relevant standards (Fiji, Australia, New Zealand or USA) where applicable and subject to approval or rejection by the Engineer.

11.2 The Contractor shall at all times ensure that adequate protection is provided to finished work and materials to be used in this work. Where necessary, make good any damage to property.

11.3 The Contractor shall provide all workmen, both skilled and unskilled, plant, equipment and tools necessary for the expeditious completion of the work.

12. Occupational Health and Safety

The Contractor shall comply with the Health and Safety at Work Act, 1996 and regulations and Amendments thereto and the Energy Fiji Limited HSE Policy.

13. General Foreman

13.1 The Contractor shall appoint a competent General Foreman who shall be constantly on the works during the progress of the same, to whom instructions may be given by the Engineer.

13.2 The Engineer may require the Contractor to dismiss the General Foreman or other person shall he be incompetent or shall misconduct himself or for any other good reason to be assigned by the Engineer to the Contractor.

14. Defects

If there happens to be any defects in the works carried out by the contractor within 1 year (12) calendar months after practical completion of works. All defects during this period shall be made good by the Contractor, at his cost.

15. Cleaning Up

15.1 On completion, remove all surplus materials from site and leave site in a clean and tidy condition.

15.2 The Contractor shall remove and cart away all rubbish and trade debris as it accumulates during the progress of the works.

16. Program

Within seven (7) days of acceptance of his tender, the Contractor shall submit to the Authority, for approval a Program showing the order in which he/she proposes to carry out the works.

17. Insurance

The Contractor is to effect the following insurance policies:

13.1	Contractor's All Risk Insurance -	\$500,000
13.2	Public Liability Insurance -	\$500,000
13.3	Workmen's Compensation -	\$250,000

18. Form of Proposals and Appendices

The Schedules are intended to provide the Employer with essential supplementary information in an organized format. Examples of more commonly used Schedules are given herein. Others may be devised and added in accordance with the requirements of the Instructions to Bidders.

All the Schedules are essential for bid evaluation and some in contract execution; they should all be incorporated in the Contract, and appropriate changes introduced with the approval of the Employer or its representative.

The schedules are to be completed and submitted as part of the Technical Proposal and Price Proposal in accordance with the Instructions to Bidders Clause 13, Documents Comprising the Bid. **Bidders whose Bids do not contain the data in the required format will be treated as non-responsive.**

18.1 Schedule of Prices & Conditions of Payment

18.1.1 Contract Price

The bidder to provide the total cost of carrying out the above scope, which includes the materials and labor costs, including any other work related costs subjected to the above scope of work.

Deuba Power Station Civil and Electrical Works with Air-condition Installment and Soundproofing.

Item	Trade	Price VEP (FJD)
1.0	Construction of Concrete Wall (bidder can provide alternative offer to construct the Wall)	\$
2.0	Doorway Works – Construction of door way with door and Shutter door	\$
3.0	Wall finishing and Ceiling construction Works	\$
4.0	Painting Works – (floor painting, wall painting and ceiling painting)	\$
5.0	Filling of Cavity	\$
6.0	Installation of Air-conditioning Units with all electrical wiring	\$
7.0	Fire Sprinkler System Removal Works	\$

8.0	Lighting installation Works with all internal wiring	\$
9.0	Site cleanup and carting of all excess materials away from work site.	\$
	Total	\$
	Total Duration of Works (Days)	

Trade Totals \$.....VEP

9% VAT \$.....

Total Price \$..... VIP-FJD

18.2 Selection Criteria

Bidders are required to forward all the relevant information as required in the table below. Failure in complying may result in the disqualification of the bid.

No.	Compliance	Percentage
1	Valid FRCS tax compliance certificate for Local Companies	2%
2	Valid FNPF certificate of Compliance for Local Companies	2%
3	Business registration details	2%
4	Material Specification Criteria from Bidder	5%
5	Material Warranty Period Details	5%
6	Product Specification from Manufacturer	2%
7	Evidence of quality of materials used	2%
8	Bidder to account for all the cost of the items with delivery	5%
9	Evidence of Similar experience	5%
10	Product to match the specification required by EFL as per tender	20%
11	Product to have all necessary accessories as required by EFL	20%
12	Financial Offer	30%

The above selection criteria will be used to evaluate the bids.

19.0 Other Documents & Drawings to Be Submitted With Bid

As a minimum and mandatory, the following documents & drawings shall be submitted with the Bid for Evaluation.

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 and Compliance Certificate - Local Bidders Only)

9. Company Registration Number: _____

(Attach copy of the Business License)

10. FNPF Employer Registration Number: _____

(Attach copy of FNPF Registration and Compliance Certificate - Local Bidders only)

11. Contact Person: _____

12. Insurance cover details – Public Liability, Workers Compensation, Contractor’s all risk

(Attach copy of Insurance Cover Details)

I declare that all the above information is correct.

Name: _____

Position: _____

Sign: _____ Date: _____

Submission of Tender

Submission of Tender

This tender is open to local bidders only since this is a local tender.

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 EFL Head Office, 2 Marlow Street, Suva, Fiji.

Alternatively, those bidders who wish to submit electronic copies can do so via TenderLink by registering their interest at: <https://www.tenderlink.com/efl>

Courier charges for delivery of Tender Document must be paid by the bidders. EFL will not clear any bids received at the Post Office via registered mail.

This tender closes at 4:00 p.m. (16.00hrs Fiji time) on Wednesday 12th May, 2021.

Each tender shall be sealed in an envelope with the envelope bearing only the following marking:

MR 96/2021

Construction of Enclosure for 11kV Switchgear at Deuba Power Station

The Secretary, Tender Committee

Energy Fiji Limited

Supply Chain Office

2 Marlow Street

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 on the envelope will be returned to the Tenderers unopened. (Bids via e-mail or fax will not be considered).

The bidders must ensure that their bid is inclusive of all Taxes payable under Fiji Income Tax Act and must have the most current Tax Compliance Certificate.

For further information or clarification please contact our Supply Chain Office on phone (+679) 3224360 or (+679) 9992400.

Bidders are requested to submit a:

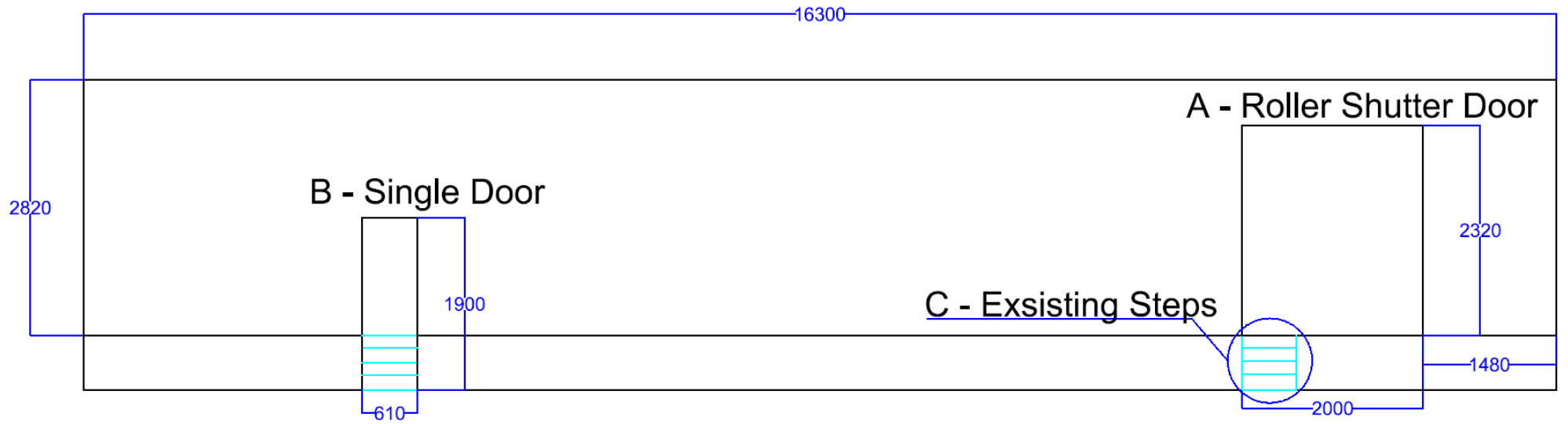
- **Valid Tax Compliance Certificate**
- **FNPF Compliance Certificate**
- **FNU Compliance Certificate**

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

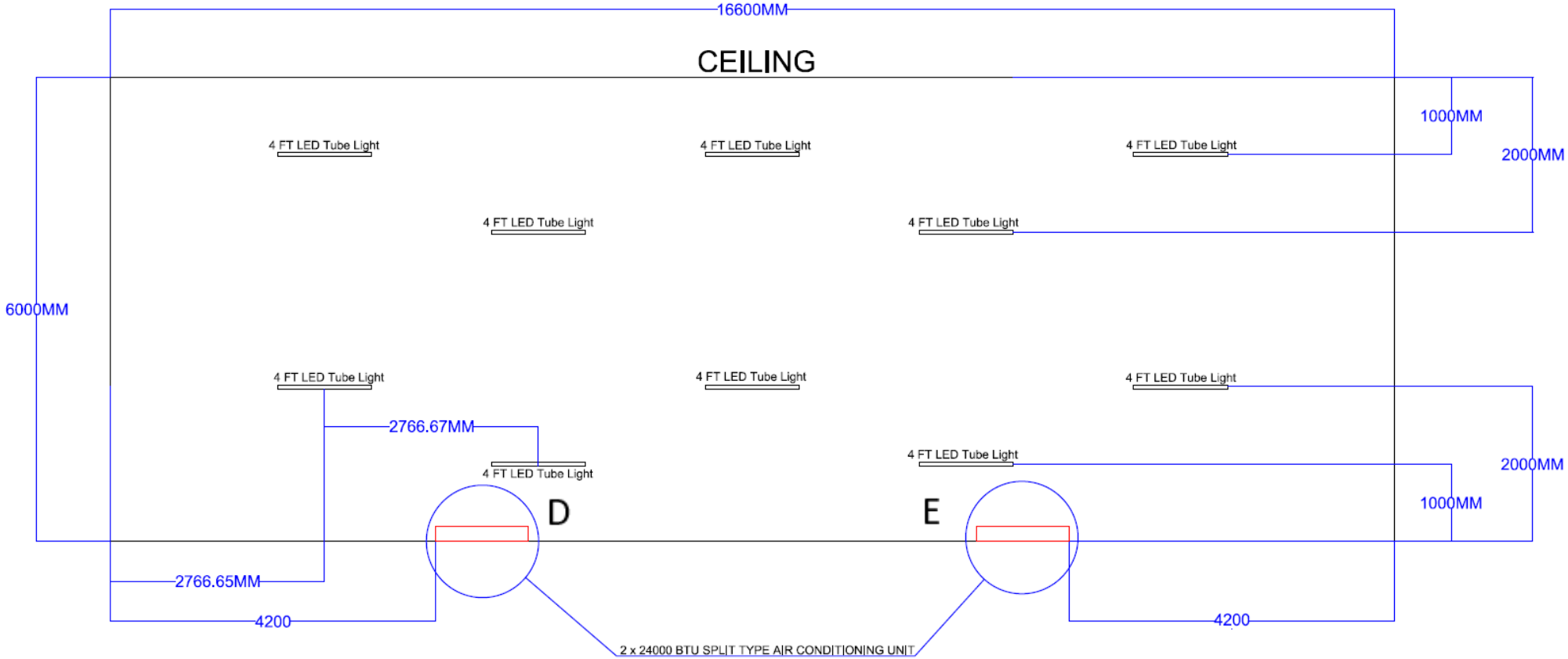
(Tender Submission via email or fax will not be accepted)

21. APPENDIX

APPENDIX 1



APPENDIX 2



Appendix 3

Location of the EFL Deuba Power station: -18.237792623678093, 178.0929218076919

