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TENDER FORM

The Chairman – Tender Opening Committee
PNG Power Ltd
P. O. Box 1105
BOROKO 111 NCD
Papua New Guinea
Phone: (675) 324 3381
Fax: (675) 3250791
Email: supplyhelpdesk@pngpower.com.pg

We (Full name of company).....

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hereby tender for the undermentioned goods and services subject to the conditions of tendering and at the prices quoted in the scheduled therein

TENDER No. **26/2019**

CLOSING AT **4.00 PM FRIDAY 28th JUNE 2019**

FOR **FOR MAJOR MAINTENANCE WORK FOR THE
POWER HOUSE, SECTION:29, ALLOTMENT:1, PNG
POWER Ltd, VANIMO - WEST SEPIK PROVINCE.**

Project: MAJOR REPAIR MAINTENANCE OF ~~TRANSFORMERS~~ ^{POWER HOUSE - VANIMO}



DATE INSPECTED: 27/09/2018

LOCATION: Vanimo

SECTION: 29

ALLOTMENT # 1

TENANT:

PROJECTION DURATION: 6 WEEKS (From date of commencement)

CONTRACTOR:

SCOPE BY: GEOSMOND. GEORGE & YOPA KAUPA

PROPERTIES & MAINTENANCE TEAM.

General

The contractor shall supply all labour, material and equipment required to fully complete the job on time as specified in this arrangement.

All works shall be completed to the best of each trade practice; the completed job must be satisfaction accordingly to the SCOPE, PPL Building Supervisor, representative of Directorate of Engineers.

Inspection

There will be joint inspections between the contractor and the supervisor, Vanimo Power house, PPL Building inspectors, on the weekly basis preferably Wednesday between 0900hrs and 1000 hrs. In the morning.

Quality

All finished job must be clean and be of high quality in its respective trade practice according to standards exercised in building Regulation in PNG.

Painting work such as oil based paints to be used for interior and exterior, for timber only treated hard wood to be used and not untreated timber to be used on this job.

Clean up and Refuse

All refuse, which is re-usable from this project site, is to be moved to Vanimo, yard and stored for further use any staff that is not reusable and dumped at appropriate site by the contractor.

Reporting

The contractor shall report to Vanimo Building Officers or PPL Builders Supervisors for any work related issue or the project sponsor where funding and other admin issues are concerned.

Variation

There won't be any variation allowed in this project as the contractor is asked to make a careful assessment of the scope and allow for unforeseen before submitting the quotation as there may be difficulty in sourcing additional funds after the contractor is signed.

Completion

The contractor shall notify the Vanimo Manager, PPL Building Supervisor, so that a joint inspection date can be set for all to carry out the inspection, before signing the completion certificate to the contractor.

Defect and Liability period

The period of 3 months will be allowed for defects and liability, if 3 months is over after completion the contractor is free but if any defects appear within 3 month the contractor will be called to fix it free of charge.



PHOTOGRAPH

CENTRE: VANIMO, POWER HOUSE
CONTRACTOR:
BUILDING: VANIMO, TRANSFORMER POWER HOUSE
TYPE: MAJOR MAINTENANCE WORK. **Site Supervisor:** Geosmond G
DATE INSPECTED: 27/09/ 2018 **Team Manager on Site:** James Botuau

	
Fig 1.0 View showing Front view of the Power house.	Fig 2. 0 View showing external wall cladding to be removed and replace with new.
	
Fig 3.0 View showing rusty corrugated sheets to be remove and replace with new.	Fig 4.0 View showing all corrugated sheets to be remove and replace with new.
	
Fig 5.0 0 View showing rusty fascia board and barge board to be remove and replace with new.	Fig 6.0 View showing rusty corrugated sheets to be remove and replace with new.
	
Fig 7.0 View showing old frames to be remove and replace with new.	Fig 8.0 View showing old window frame to be remove and replace with new.



Fig 9.0 View showing rotten ceiling lining to be remove and replace with new.



Fig 10.0 View showing faulty fan to be remove and replace with new.



Fig 11.0 View showing old screen to be remove and replace with new.



Fig 12.0 View showing side view of the building.



Fig 13.0 View showing old down pipe to be remove and replace with new PVC poly pipe.



Fig 14. 0 View showing rusty gutters and down pipe to be remove and replace with new.



Fig 15.0 View showing Internal view of the Power house.



Fig 16. 0 View showing internal view continue.



Fig 17.0 View showing external view of the building.



Fig 18.0 View showing Side view of the building.



Fig 19.0 View showing shrubs to be cut and remove from the building.

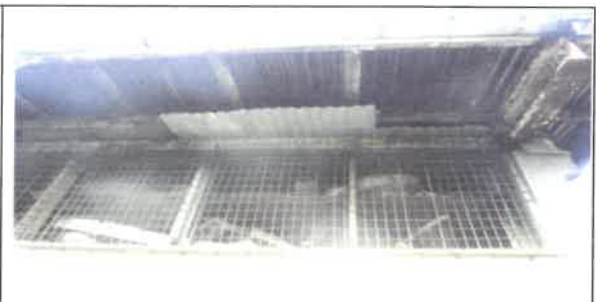


Fig 20.0 View showing all rusty corrugated sheets to be remove and replace with new.



Fig 21.0 View showing faulty air con to be remove and replace with new.



Fig 22.0 View showing old taffa tank to be remove and replace with new.



Fig 23.0 View showing all old wall cladding to be remove and replace with new colobond



Fig 24. 0 View showing rusty ridge capping to be remove and replace with new .



Fig 25.0 View showing security spot light to be remove and replace with new .



Fig 26. 0 View showing front view of the Power house.



Fig 27.0 View showing old fencing frame to be remove and constructed new fencing.



Fig 28.0 View showing internal roofing lining to be remove and replace with new.



Fig 29.0 View showing side view of the building



Fig 30.0 View showing frame to be repainted with new silver paint and metal primer.



Fig 31.0 View showing broken window frame to be remove and replace with new.



Fig 32.0 View showing old gate frame to be remove and reconstructed with new.



Fig 33.0 View showing no proper waste tank to stored oil.



Fig 34. 0 View showing old waste tank to be inspect by PPL Safety officer.

METAL WORKER GENERAL

- 1.1 Supply , Fabricate and erect all aluminum, mild steel, case iron and other metal works together with fastening and fixings. Carry out work with the best materials and workmanships in such time as to co-ordinate with other trades. Complete with all relevant codes governing this trade.
- 1.2 Where dissimilar metals are in contact, either in fabrications or where fixed on the site, completely separate each by complete coating, every contacting surface with bituminous paint or equal approved method.

SURFACE TREATMENT

- 1.3 Supply, Stainless steel, aluminum, chrome- plating, anodized shall be carried out in the manner recommended by the manufacturers and cured for the recommended period before transportation and erection on site.

CARPENTRY JOINERY

- 1.4 Remove rotten timber framing, linings, claddings, floorings, joinery, trim door, hardware, fittings indicate at the site. Carry out work using the best materials and experience workmanship according to the relevant codes and the best trade practice.

FASTENINGS

- 1.5 Supply all nails, brads, penal pin, tacks, clouts, samples, screws, bolts, patent expanding bolts and power driven fastening as appropriate for the completion of work.

EXPOSED TIMBER

- 1.6 Timber exposed view shall be drilled for fixing if necessary to avoid splitting. All timber exposed to view shall be sanded to a perfectly smooth surface.
- 1.7 **Noted all timber shall be treated with CCA Chemical from HARDWARE.**

PRIMING

- 1.8 Paint or stain according to finisher required and all externally exposed dressed timber and boarding before fixing. Prime, paint or stain all joinery before delivery to the site.

ROOFING

- 1.9 Roofing shall be corrugated zinc alum color bond, custom orb same as the existing building roof.
If it is old rusty remove and replace with new.

RIDGE AND BARGE CAPPING/ FASCIA BOARD

- 1.10 Remove rusty ridge capping, barge board, fascia board and replace with new. Overlap 150 wide x 100 mm with galvanized roofing nails and fix to barge board with 250 galvanized clouts.

GUTTERS AND DOWN PIPES

- 1.11 Remove rusty gutters, down pipe and replace with new. Gutters shall be 150 wide x 100 mm deep zinc or equal to fascia gutter bent to require shape and fixed for fascia every 1 meter with galvanized brackets to shape the gutters, 38 mm wide by 0.6 over strap to be fixed at ends every second brackets.
- 1.12 Down pipe shall be 100 mm diameter zincalume or equal rainwater down pipes all typical, secured to walls with straps of 0.6 gauge flat steel soldered to pipe.

BARGE MOULD

- 1.13 Remove rusty barge mold and replace with new. 0.6 gauge galvanized flat iron.

FLASHINGS

- 1.14 Remove rusty Flashing sheets and replace with new

ELECTRICAL

- 1.15 Supply and install all electrical outlets, fittings and application with all labour, materials and equipment's necessary to complete the installation whether specifically indicate or not. All materials shall be of the best quality and workmanship shall be accordingly to the best trade practice of the workmanship in accordance with the PNG Power requirement.

PAINTING WORK

- 1.16 Painting shall be done only in dry weather and surfaces shall be free from the moisture when painting is applied. Any paint injuriously affected by rain, moisture of condensation shall be entirely clean off and fresh paint applied.
- 1.16.1.1 Concrete block surface shall be prim touch in cement render before under coating is applied.
- 1.16.1.2 All exposed external timber and doors to have three (3) coats of paint.
- 1 Coat primer
 - 1 Coat Under coat
 - 1 Coat Full gloss enamel.
- 1.16.1.3 Wall and ceiling generally to have (3) coats of paints.
- 1 Coat sealer
 - 1 Coat Undercoat
 - 1 Coat full gloss enamel
- 1.16.1.4 SHS Column and security screen mesh to three (3) coats of paints

- 1 Coat Metal primer
- 1 Coat Undercoat
- 1 Coat full gloss enamel (Wira Blue) PPL colour

1.16.1.5 Screen to have three (3) coats of paint.

- 1 Coat primer
- 1 Coat Undercoat
- 1 Coat full gloss enamel

GLASS AND GLAZING

1.17 Supply materials and labor necessary for the for the completion of glazing, doors and window, Including louver windows at the site.

- I. The quality of materials and workmanship shall be used and in accordance with the relevant codes of practice.
- II. All proprietary items shall be fix, accordingly to the Supervisor instructions.

FRAMING

1.18 Remove rotten frames, studs, noggin, wall partition and replace with new.

TOILET MALE

- 1.19 Remove old, crack ceramic tiles and replace with new ceramic tiles 300mmx300mm.
- 1.20 Remove rotten wall lining and replace with new
- 1.21 Remove defect toilet seat and replace with new.
- 1.22 Remove existing cistern toilet and replace with new.
- 1.23 Install new toilet roll holder
- 1.24 Install mirror 600x600
- 1.25 Fabricate cabin for storage of toilet facilities.
- 1.26 Remove rusty old privacy door lock and replace with new.
- 1.27 Install new toilet door stopper. Plastic coat with (cr)
- 1.28 Remove old fluorescent light fitting/tube and replace with new.
- 1.29 Check and ensure all GPO, regulators and switches are in good working order.
- 1.30 Replace new hand basin taps.
- 1.31 Remove old louver frames and replace with new.
- 1.32 Remove old fly wire screen to the toilet window, and replace with new.

. BATHROOM MALE

- 1.33 Remove crack, old ceramic tiles and replace with new ceramic tiles from the floor.
- 1.34 Remove defect or broken wall sheet and replace new.
- 1.35 Remove rusty defect shower rose and replace with new.
- 1.36 Remove rusty shower tap and replace with new.
- 1.37 Remove rusty defect shower curtains rod. And replace with new (cr)
- 1.38 Remove and replace with new soap holder. (cr)
- 1.39 Remove rusty old door lock and replace with new.
- 1.40 Remove old fluorescent light fitting/tube and replace with new.
- 1.41 Replace old mirror and replace with new.
- 1.42 Remove all rotten skirting and replace with new.
- 1.43 Check and ensure all GPO, regulators and switches are in good working condition.
- 1.44 All Bathroom internal walls shall be paint with three coat paint, Undercoat, Semi gloss and final coat.

MINI LAUNDRY AREA

- 1.45 Install new laundry tub Monier , double concrete tube
- 1.46 Install new louver blades.
- 1.47 Install new GPO, Regulators, and Switch.
- 1.48 All Laundry internal walls shall be paint with three coat paint, Undercoat, Semi-gloss and final coat paint

EXTERNAL WORK

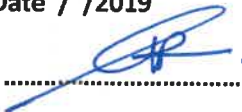
- 1.49 Remove rusty corrugated sheets and replace with new. Color bond (Torres blue) or Red
- 1.50 Remove rusty gutters, down pipe, existing quad gutters and replace with new.
- 1.51 Remove all rotten fascia board, Barge board and replace with new.
- 1.52 Fix plumbing work, waste pipe PVC, to be removed and replace with new.
- 1.53 Clean and remove rubbish from the roofing.
- 1.54 General clean up at the site.
- 1.55 Site Inspection.
- 1.56 Project Duration
- 1.57 Recommendation by Vanimo Manager:

Scope by: Geosmond George.
PPL SITE SUPERVISOR

Approved by :
Manager Vanimo

Date 6/7/2019

Date / / 2019


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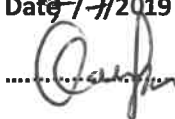
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Joint Inspection : Yopa Kaupa
SENIOR PROPERTY ADMIN OFFICER

Approved by: Gorethy Nongkas
PROPERTIES & ACCOMMODATION MANAGER

Date 7/7/2019

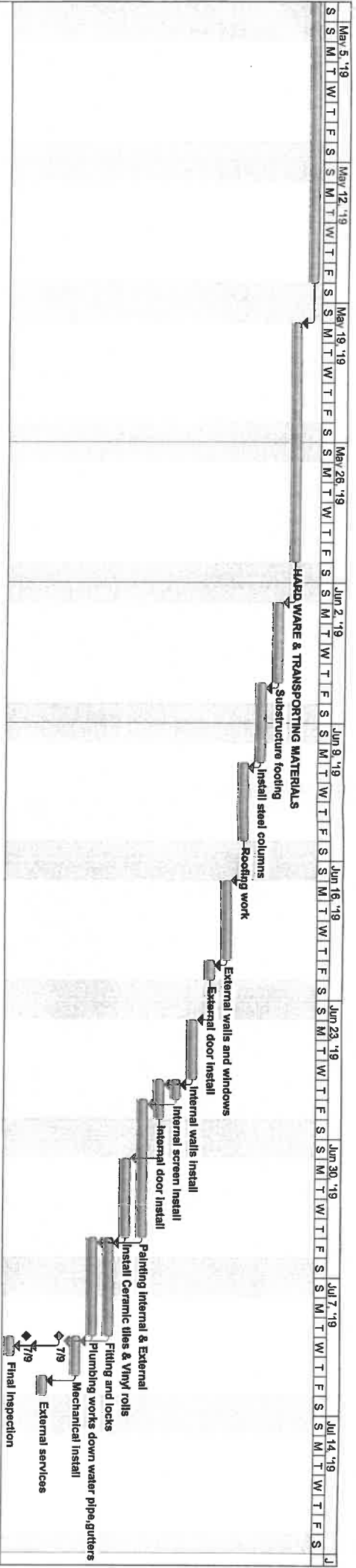
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ATTACHMENTS "A"

Quotation for the Contractor



Project: Vanimo Power house major n
 Date: Fri 3/22/19

Task Split Progress Milestone Summary Project Summary External Tasks External Milestone Deadline