

Country: Independent State of Papua New Guinea (PNG)

Name of Project: Energy Utility Performance and Reliability Improvement Project

Loan No: 9212-PG

Assignment Title: Owner's Engineer (OE)

Reference No.: PG-PPL-389567-CS-INDV

PPL Tender No.: 04/2023

1. The Independent State of Papua New Guinea (Borrower) has received financing from the World Bank towards the implementation of the Energy Utility Performance and Reliability Improvement Project (EUPRIP) and intends to apply part of the proceeds for this consulting services. The Implementing Agency for EUPRIP is PNG Power Limited (PPL)

2. The EUPRIP aims to improve operational performance of PPL. It will (i) urgently rehabilitate PPL's aging transmission and distribution network and control systems on the Port Moresby and the Ramu Grids so that the people connected to these two grids will experience less power outages; and (ii) implement measures to reduce power system losses and enhance revenue collection to continue transforming PPL into a commercial utility and a financially credible off-taker for independent power producers.

3. The consulting services ("the Services") include providing support to the Project Implementation Team (PIT) within PPL with as Owners Engineer (OE) to deliver the "Urgent Rehabilitation and Upgrade of PPL's Infrastructure". The OE will also be responsible for working closely with PPL Project Manager (PM), other engineers, and other PIT consultants (Environmental and Social, Gender, Procurement, and Financial Management), to support the "Substation Upgrades". The OE will support the PIT in the procurement planning, procurement of contractors, and contract implementation and monitoring. In the process of providing the above support the OE will also train the PIT and other PPL staff and build their capacity to carry out similar activities in the future. In addition, OE will be required to offer support where required with "Distribution Network Upgrades" and "Controls and Protection Enhancement".

4. Duration of the Assignment: Engagement is expected to be onsite and/or remote from consultant's home country for three hundred and fifty (350) days over three (3) year period. The expected start date of the assignment is Qtr 1 of 2024.

5. The detailed Terms of Reference (ToR) for the assignment can be found at the following website. Registration on tender link is free through the same link <https://portal.tenderlink.com/pngpower>

6. PNG Power Ltd now invites eligible individuals ("Consultants") to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services (attach curriculum vitae with description of experience in similar assignments, similar conditions, etc.). Firms' staff may express interest through the employing firm for the assignment and, under such situation, only the experience and qualifications of individuals shall be considered in the selection process. The criteria for selecting the Consultant are:

Mandatory qualification and experience requirements.

- Engineering Degree in Power engineering, Electrical or similar
- Fifteen (15) years of experience in electric industry with ten (10) years in Substation works or similar.
- At least managed one project with the minimum contract value of US \$8 million.

Desirable:

- Some experience in distribution line system studies and design etc.
- Some experience in SCADA and radio networks.

7. The attention of interested Consultants (including firms) is drawn to paragraph 3.14, 3.16 and 3.17 of the World Bank's Procurement Regulations for IPF Borrowers July 2016, revised November 2017 and August 2018 ("the Regulations"), setting forth the World Bank's policy on conflict of interest.

8. All expression of interest must be submitted through Tender link: <https://portal.tenderlink.com/pngpower> or email tenders@pngpower.com.pg on or before the 29th of December before 1600 Hrs PNG Local Time. Registration on tender link is free through the same link.

9. Further information can be obtained at the address below during office hours.

Team Leader-Tender & Supplier Management

Attn: Ms. Danae PALA

PNG Power Limited

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