
ICT DIVISION**COMMUNICATIONS SECTION**

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Document : TERMS OF REFERENCE (TOR)**Title : Supply of Digital Radio Equipment. MD782G Hytera Transceivers****Definition**

TOR is an integrated document into the ST409 process under the PNG Power Ltd (PPL) Standard Of Operations (SOP). The process is aimed at centralising and monitoring procurement practices to ensure all necessary procurement requirements are followed and awarded in the best interest of the company. The document spells out the necessary terms for the company's management information and necessary approvals to proceed with the supply of materials and/ or services.

Background

PPL is developing a Digital Mobile Radio system for the Ramu grid centres comprising Lae, Madang, Yonki, Wau/Bulolo and Goroka. Goroka and rest of highlands centres will be done on second phase of this project.

The respective repeaters at each site will be upgraded to Hytera RD982 digital repeater and networked together to form a common radio channel for all stations in the Ramu grid for easy communications. The centres will also have their respective local channels set up on a different talk group.

The exercise is to upgrade the current analogue radios at each centre to digital platform to enable an system wide radio communications channel using the installed fibre optics.

Objective

The supplier is required to supply 50 x MD782G Hytera Digital radios for the operating frequency of 136 – 174MHZ including SW2 antennae and BNC04 Connectors.

Scope of Supply

Supply of;

1. 50 x Hytera MD782 Digital Radios, 136 – 174 MHZ
2. 50 x SW2 Antenna
3. 50 x BNC 04 Connector Solder type

Configuration and programming of the radios is not included in the scope of the supply as this will be applied by PNG Power

Attachments

1. Hytera MD782 Brochure
2. Hytera MD782 Features
3. Hytera MD782 Specifications