

SUSTAINABILITY OF PROJECT

KUMUL TELIKOM HOLDINGS through, Telikom and Dataco will implement the project, with Dataco taking care of the main Entrance link into Palmalmal, in Phase 2, while Telikom and its nominated contractors will take care of the rest of the tasks in Phase 1 to 3.

After the project, Telikom, Dataco and BMobile will manage and continue to maintain these Telecommunication assets respectively, to continue to serve the intended population. Routine maintenance and refuelling, plus security and site up keeping will be under the responsibility of Telikom and BMobile.

Providing a better Telecommunication to the remote Pomio District has always been a big challenge, due to the rugged terrain which made it difficult to chart out an economical radio path into the area.

With the Entrance link into Palmalmal District HQ in place via DOMSAT, all FM Radios stations, EMTV, 3G/4G and two way radios can now be broadcasted from the Main Heavy Duty 45m tower at the District Township.

From there, FM Radios, EMTV and the 3G/4G coverage can then be easily extended to other areas within the district via small IP Radio backhaul. Drina, Rano and Central Inland Pomio are included in the initial network expansion plan, of this project as shown in the survey report, provided as a supporting attachment to this proposal.

Economic activities in the area is set to take off with this new enhanced telecommunication technology, benefiting large Oil Palm and logging projects, Tourism as well as small SMEs. Schools, Health Centres and Aid-posts are set to benefit from an extended 4G coverage too. Even Law and Order will now be better managed through improved telecommunications.

Police and Health Department could then, leverage the power of LTE 4G network to extend their two way radio communications, through the Radio Over IP protocol (RoIP), without worrying about installing multiple expensive repeaters all the way from HQ Kokopo.

The Health Information System and E-Medicine, could then be easily implemented with extended 4G coverage, where all rural Aid-posts, Health Centres and Hospitals in East New Britain province will be connected via a massive Hub/Spoke network back to a Central Hub/Database Server at Nonga Base Hospital in Rabaul.

For the people of Pomio District, this new Telecommunication development would be THE Life Changing Experience for them:

1. They could then do banking transactions online through SMS and internet.
2. Schools could then have access to E-Library and E-Learning resources.
3. Health Centres and Aid-posts could then have better networking for medical statistics analysis
4. Most Services would then be at their door step. No more Dangerous journeys by boat and expensive flights back to Kokopo to get services
5. With better telecommunications, Palmalmal District HQ and Township would then experience, increased economic growth, with more service providers/investors flooding into the area looking for Economic opportunities.
6. Fisheries, Agriculture and Tourism sectors would also be boosted, through better FM and TV coverage in the area.

Remote Pomio District, would surely be transformed, with this Telecommunication Upgrade project.

