

Project Proposal Form

2019



Introduction

One of the key objectives of the National ICT Policy is to ensure equitable access to Information and Communication Technology Services. The policy objective is founded on the premise that ICT is seen as necessary tool for economic growth and social development. The Universal Access Board within NICTA is mandated to give effect to this policy by identifying and developing projects aimed at bridging the telecommunications and ICT gap that limits the opportunities available to ordinary citizens.

Within this context, the National Information and Communications Technology Authority (NICTA) is inviting stakeholders including the general public, ICT operators and service providers to propose or suggest any projects or programs that you think are consistent with the overarching goals within the ICT sector and that NICTA should consider in its current or future programs. Proposals that are accepted will be considered by the UAS Board for potential inclusion in the 2019 UAS programs.

Scope of Proposals

All stakeholders including the general public, ICT operators and service providers are invited to propose or suggest any project for NICTA's consideration. The submitted proposals should seek to promote the long-term economic and social development of Papua New Guinea through projects that will among other things, encourage the development of ICT infrastructure and improve the availability of ICT services within the country including under-served communities and geographic areas.

Proponents are advised to note that submitting proposals does not secure funding/assistance from NICTA in any form or guarantee inclusion in the UAS programs. Submitted proposals will only be received as project concepts for NICTA's consideration.

Submission of Proposals

Proposals must be submitted in the proposed format in Attachment 1. Proposals can be submitted by hard copies or electronically to:

Acting Director UAS Secretariat
NICTA
PO Box 8227
Boroko 111
National Capital District
Email: uas@nicta.gov.pg

Deadline

The deadline for submission of proposals is **7 September 2019**. Late proposals will not be accepted.

Attachment 1: Project Proposal Submission Form

Section A

Title of Project	Adventist Hope Radio Community Project in the New Britain New Ireland Region
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Summary of Project

The New Britain New Ireland Mission of the Seventh-day Adventist Church through its Communication Media Department is looking at establishing communication towers in its three provinces which is part of the bigger project for the Seventh-day Adventist Church in Papua New Guinea for the broadcasting of the new Seventh-day Adventist Church radio station Adventist Hope Radio 107.5FM.

Broadcasting station will be in Lae and through transmission via satellite link, signals through the receivers at each of the site and distributed throughout New Britain New Ireland Mission.

There are 6 sites that have been set as potential sites for the construction of the communication towers which will provide radio coverage signal for the main areas of New Britain New Ireland region as far as Mussau District in New Ireland Province to Kandrian District in West New Britain Province and the Bainings in East New Britain Province.

Adventist Hope Radio will broadcast local content programs ranging for Children, Families, Women, Men, Health, Education, Finance, Community based on biblical principals, Healthy Living and Mindsets for the betterment of our people.

Recording studios will be set up in each of the province which will continue to produce local content for broadcast capturing programs in as many of the different languages of New Britain New Ireland Region (and also rest of Papua New Guinea) accustomed to our local listeners of all backgrounds.

Churches indeed play an important role in the development of the country. The Seventh-day Adventist Church, through this Strategic Plan shall provide a unique opportunity to collaborate with government agencies, NGOs and other stakeholders to fulfill the provisions of Vision 2050. We anticipate that the articulation of our Mission and Vision in this overarching document clearly portrays our desire to reach up, reach across and reach out, merging all differences and uniting our purpose towards ultimately achieving a “smart, wise, fair, healthy and happy society by 2050.”

- Extracted from the New Britain New Ireland 5 Year (2016 – 2020) Strategic Plan

Section B

1.0 Objective and Outcomes of Proposed Project

The Seventh-day Adventist Church of Papua New Guinea through its Communication Media Department is embarking on setting up its first ever Radio Station which will be called: Adventist Hope Radio 107.5FM. This is essentially part of achieving its Strategic Key Focus Area of Comprehensive Media Ministry which includes TV, Radio, and Internet Technology.

The Adventist Hope Radio Project is set to launch on 26th November, 2018 with the Radio Station broadcasting from the PNG Seventh-day Adventist Church Head Office in Lae, Morobe Province. The 10 Local Missions (Regional Offices) will each establish its own recording studios and broadcasting towers which will transmit signal throughout the country.

The Adventist Hope Radio Project is also part of the Global Adventist Media Ministry of Hope Channel, Hope Radio and Adventist World Radio. The Hope Channel network operates globally, with 44 Hope Channels worldwide, each providing programs contextualized to the language and culture of their audience. Focusing on balanced, Christian living, Hope Channel programs cover topics such as mind, body, spirit, family, and community. The PNG Adventist Hope Radio will provide local content programs which will be produced by our very own local people including Health Professionals, Local Business Owners, Children, Women and Adventist PNG community.

In line with Program 4: Expansion of Broadcasting Network Coverage and Broadcasting Infrastructure Expansion, the project aims to expand radio (and later TV) services to mostly the rural areas of the country and provide an option for 24-7 radio programs that will be most beneficial to the wellbeing and development of every Papua New Guinean citizen.

In the New Britain New Ireland Region as in most parts of Papua New Guinea, where bulk of the population in the outlying remote island communities where there is no communication coverage, it is of the hope that through this project, communication towers can be set up to bring beneficial information and also lead to communication services.

This will also be a fulfilment of the Key Strategic Area 1 in the New Britain New Ireland Mission 5-year plan : To establish in the three provinces communication network infrastructure, produce media resources to transmit the gospel message as outlined in Mathew 28:18-20 and the 3 Angels Message in Revelation 14:6-12.

- Construction of transmission towers to broadcast 3ABN & Hope Channels programs
- Adventist Radio service established.

Proposals must state the objectives of the project, its proposed outcomes taking into consideration the objectives of the Universal Access and Service Fund and national development goals from the perspective of ICTs.

2.0 Benefits of Proposed Project

The Seventh-day Adventist Church in Papua New Guinea has 10 established regional offices throughout Papua New Guinea where each regional office will establish its own Recording studios for local content production for both TV and Radio Programs. Each regional office will also set up its local transmission towers for the broadcasting of the radio signals.

The Radio Station will run 24 hours, 7 days a week of which local content programs will play. All local content programs are recorded by local technicians and local producers who have been trained locally and every Seventh-day Adventist Church member is being invited to contribute their voice and talents towards local content production.

The radio content programs comprises of local programs for children, family life, marriage, health and wellbeing, finance based on biblical principles, professional and technical advice beneficial for all age groups, background, culture and denomination.

Where radio signal can be picked up, anyone with radio device can pick up the signal and tune in. It is hoped that the transmission towers will be located in strategic locations of which signal will cover as much area of population as possible.

Lacking is the availability of regular and ongoing broadcast of quality life radio and TV local programs that will help in people's life decision making and personal development for character building, wellbeing and mindsets. Adventist Hope Radio will be able to provide such programs 7 days a week.

Radio local contents will benefit all who will be able to tune in, and also be a way in which Adventist Church membership including other Professionals in Health, Law, Government etc can utilize the station to broadcast information and messages for the community.

Construction of Towers for the Adventist Hope Radio Project can also lead to lease-agreements with mobile phone operators or other Internet Service Providers who wish to provide network coverage to the areas where towers are being constructed. In areas where populous requirements do not enable the other service providers and mobile phone operators to build towers, the church-own radio towers can be leased to the other service providers and the Church can benefit through the lease agreements in sustaining and maintenance of the towers and further development of the Hope Radio Project.

Proposals must include the beneficiaries of the project such as number of women, men youth, and organizations and how will they benefit whether it be social, economic, environmental benefits, employment, business opportunities.

3.0 Technical Aspects

Attached is some information regarding technical aspects of setup and diagrams. Further information are not at hand currently but can be emailed through later date.

Transmission of the radio signal will be through satellite through the World Church office of the Seventh-day Adventist Church in USA.

The Seventh-day Adventist Church have engaged a local Lead Engineer and rigger team contractors to carry out the building of the tower masts and installation of systems.

The

If the proposals include setting up of networks, technical specifications and schematic of the network must be provided. Any technical issues should also be highlighted.

4.0 Cost

Attached some information regarding cost breakdown.

Estimated costs for setting up communication towers in New Britain New Ireland Mission as passed from the Headquarters in Lae as below:

Mission	Site/Location	Total cost/site	Mission %	Mission K	PNGUM K
NBNIM	Kinebot FM Site	115,000	35%	40,250	74,750
	Kavieng office (High Power - Pop: 32K)	107,000	35%	37,450	69,550
	Kavieng office (Low Power - Pop: 18K)			-	-
	Emirau	48,000	35%	16,800	31,200
	Sonoma	48,000	35%	16,800	31,200
	Kimbe church/sub office (High Power Pop: 25K)	107,000	35%	37,450	69,550
	Kimbe church/sub office (Low Power Pop: 4.5K)			-	-
	Totals	425,000		148,750	276,250

The possible sites as listed are the main sites proposed for tower setup – there are some sites in the outer rural areas that have also been earmarked where church land is available for construction of the towers. These include: Lat in South Baining East New Britain, Bali-vitu District and Lelet, Konos District New Ireland Province.

Costs above include Service Labour of Rigger Team and materials for foundation and electronics. New Britain New Ireland to share costs with Headquarters PNG Union Mission as stated in the table above. Otherwise funding support from other external sources including Provincial Government Funding is also considered and options explored. NBNIM will support fund in labour, logistics and travel costs for rigger team as required.

All proposals must include a project costing and high-level breakdown of the costs.

5.0 Sustainability

The Seventh-day Adventist Church major income is mainly through the giving of faithful Adventist Church Members through their tithes and offerings every Sabbath (Saturday) worship. The Adventist Hope Radio as an entity belonging to the church will be funded through this plus other donations that may come in monetary and non-monetary. Skilled and professional laymen will be available to assist in technical aspects of the project who have made themselves available as their contribution of service towards this project.

With the establishment of the towers across the region (and country), other service providers may be invited into a lease-agreement with use of the towers. The towers will be built on the mission-own property so there is no additional rental or lease required for the land.

Care of infrastructure building and security to be provided by church workers in the vicinity of the tower.

Proposals must identify suitable ways in which the project can be sustained financially beyond the life of the project and whether or not it can be scaled up nationally.

6.0 Cross-cutting Issues

The Adventist Hope Radio is set up to deliver life holistic radio programs that will be beneficial to all ages and groups to change mindsets and improve people's wellbeing, decision making at all levels. The Community at large will benefit from the various life-changing programs that will be aired through the radio station.

Health and Education information can be shared through this medium to reach the vast public in the most rural areas.

The requirement of towers to be built include – the land which the tower is constructed on must be mission-owned land, and must have access to power and security.

In the rural areas, where there is no PNG Power, the use of solar power and gensat may be utilized for the power supply to the towers. There would be little impact on environment.

If necessary, proposals should also include issues relating to addressing environmental aspects or issues on addressing the needs of minority groups such as gender equity, people with disabilities.

7.0 Monitoring and Evaluation

The Adventist Hope Radio tower project will be monitored by the Communication Media Department of the New Britain New Ireland Mission for the New Britain New Ireland Region and further monitored and evaluated by the PNG Headquarters of the Seventh-day Adventist Church through the Communication Media Department.

New Britain New Ireland Mission also has a Lands and Projects Officer that works closely with Building and Infrastructure to ensure that all building and construction abides by the laws and regulations and follows the schedule of the project.

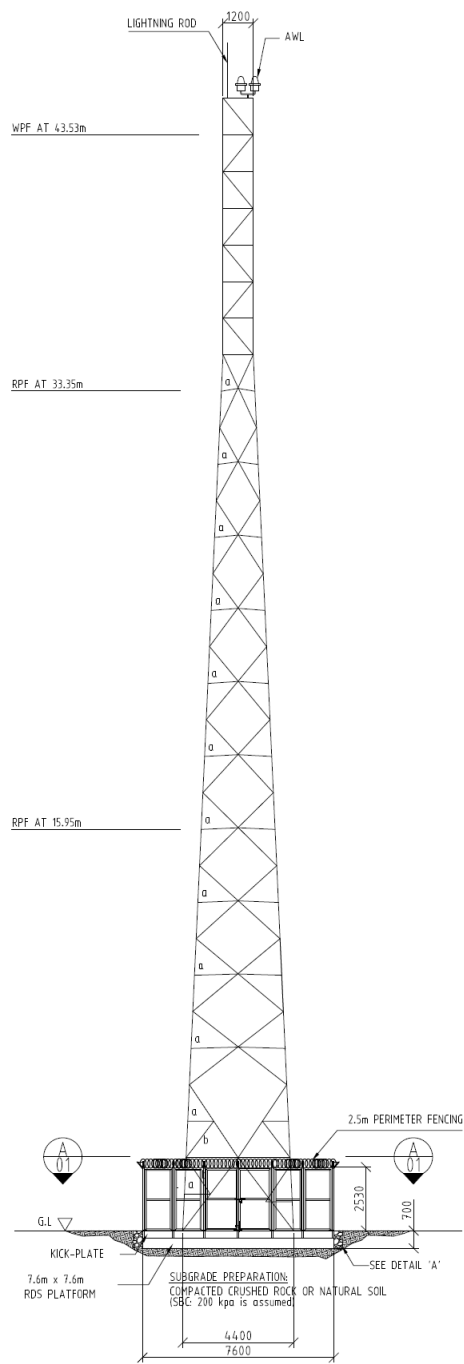
Proposals should clearly show how the project can be monitored and evaluated over a 12 -month period. The proposals should clearly provide measurable indicators to assess the impact of the project.

Note.

To date, New Britain New Ireland Mission has one 30mtr monopole erected at Kenabot, Kokopo East New Britain Province which requires next phase of antenna installation and electronics necessary.

It is in the hope that this tower including two others in Kavieng and Kimbe will be set up before Launching date of Adventist Hope Radio set at 26th November, 2018.

ATTACHMENTS



Model Diagram of transmission towers

45m TOWER ELEVATION