



National Information & Communication Technology Authority

Universal Access and Service Projects for 2020

Date of Submission:

Project Proposal Form – FORM 002

(All project proposals submitted MUST follow this format and sequence. Projects proposals which do not follow this format and sequence may not be considered. All questions must be answered)

Applicant Information

Name	REBIAMUL PRIMARY SCHOOL		
Organization	- INSTITUTION	Type of Organization:	
P.O. Box 54 MT. HAGEN. WHP		<input checked="" type="checkbox"/> Community/Village/Education Institution	
Email: rebiamulps@gmail.com		<input type="checkbox"/> Government	
Phone: 542 2304		<input type="checkbox"/> Private	
		<input type="checkbox"/> NGO	
		<input type="checkbox"/> Other	
Position	TEACHER		
Mailing Address	REBIAMUL PRIMARY SCHOOL P.O. Box 54 MT. HAGEN		
Telephone	73431492 / 542 3268	Fax	542 2304
Email	rebiamulps@gmail.com / leonardhitovea@gmail.com.		

Project Details

Project Title	BROAD BAND SERVICES - CONNECTING SCHOOLS - ELIBRARY, COMMUNICATIONS & ALSO COMPUTERS
Project Location	
Province	WESTERN HIGHLANDS PROVINCE
District	HAGEN CENTRAL
LLG	
Ward	WARD 5

Project summary

Please describe this summary within about 20 lines here. As for the detail, please fill in the Annex 1

Project Cost

K 35,000 .

Requested Amount

K 30,000 .

Own funding

K 5,000

Duration of the Project

(5 year plan)

From 2019

To

2024

(The project is to be concluded within 12 months from the date of announcement of selection by the NICTA (UAS Secretariat)

Contact Point Information

(If contact point is different from the applicant, please fill in as follows)

Name

LEONARD HITOVEA

Organization

REBIAMUL PRIMARY SCHOOL

Address

P.O. BOX 54 MT. HAGEN. WHP

Position

HEAD TEACHER / SSN

Telephone

542 3268 / 7227525

Fax

542 2304

Email

rebiqmulps@gmail.com / leonardhitovea@gmail.com

Date

04/06/2019

Signature

Leonard Hitovea

Project Summary

Outline of the Pilot Project

Objectives: School, teachers and students oriented program

- sustain the use of the broadband services
- use IT to research and collect information to sustain effective teaching and learning
- provide accurate data based report for our grade eight students for 2020 online selections
- provide a part way for teachers to be trained and be familiar with IT

Purpose of Project:

- To improve communications, research, touch typing and keeping accurate students' data records.

Outline of Pilot Project:

- Our project description will start with IT, broadband services and computers for E-library
 1. Internet services – community and institutional broadband services.
 2. Computers for E-library program
 3. Main server
 4. Data based – Digital literacy

Appropriateness of the Project:

- The extent to which the project can support and improve are mainly students and teachers to solve the problem of excessing outdated library books to more updated information with IT.

Number of persons benefiting from the Project:

- About 1,300 students plus 36 teaching staff whom will be benefiting from this Project,

Project benefits:

- As well sated, the project will benefit the teachers and students. The community, parents and stake holders will also be benefiting in terms of internet service when they need assistance (communication, data, etc...).

Partner organizations/institutions (if any):

- In partnership, we have not in partner to any organizations/institutions. This will be the first time for Rebihamul Primary School to operate alone if successful.

Milestone (*significant phase of the project*):

- It will be a way forward for Rebihamul if successful. This will help us very greatly with the current changes towards IT.

Expected output:

- The end result as a consequence of this project will;
 - help students and teachers to know the basic skills on touch typing, email system, research and communication.

Project Risks:

Possible Risks	Consequences	Probability	Risks
1. excessing pornographic	3 - high	3 - likely	Screening and straining
2. free excess through Wi-Fi	3 - high	4 – almost certain	Password encryptions
3. Slowness in catching up	4 - high	3 - likely	Surplus computers
4. Stealing	2 - medium	2 - possible	Room maintenance
5. Lack of political or administrative	3 - extreme	2. possible	Sustainable
5. Support	3 - high	4 – almost certain	From parents
6. Land not secure	4 - low	4	Available
7. Security	4 - extreme	3	Available
8. Project equipment personalized	2	4	Administration
9. Lack of community support	1	4	Parents are up for it
10. Maintenance and recurrent cost	1	3	BOM and P&C

Reporting Procedure:

- All reports will be based on strengths and weakness on students' and teachers' engagements as well as the signals, networks and failure with the main server.

Linkage to existing Government development policies:

- Policies stated by the Education Minister that Grade 8 selections will be online starting 2020 and all connecting schools with Elibrary.

Financial Support:

- The parents and BOM are fully behind to support the project. We can also seek assistance formally from other stakeholders.

Sustainability of Project:

- For the first 2 years piloting, the school can sale data and also help communities to charge fees for emails (sent/receive) and it continue after piloting period. The monies received will then be used to sustain for the next 5 years.

Project Implementation Plan

The full implementation of the Project will commence this year 2019 from third or fort term and continues for another five years.

The Project will occur at Rebiatul primary School and at our library room for teachers and students to excess following strict schedules.

Our Mission will be to educate students to be well abreast with the current changes and challenges face in the development of information, communication, Medias and the nation using IT.

Types of Projects That May Be Proposed

Program 01: Mobile Broadband Expansion and Upgrade

Under this program, the type of project that can be proposed are;

- Extension of broadband mobile services to unserved and underserved areas
- Upgrade of 2G network (voice + data) to 3G/4G network and
- Increase network backhaul capacity to cater for the increase traffic due to expansions and upgrades

Program 02: Community and Institutional Broadband Networks

The type of project that can be proposed are;

- 1) Broadband Network Access and Service
 - Expansion of national backbone network infrastructure:
 - Establishment of local broadband access network connections
 - Provision of public broadband communication services
- 2) Institutional Connectivity – Education, Health Facilities, Local Government Offices, Agriculture Centers
- 3) Community Information and Communications Technology Centers (CICs)
 - CIC construction, equipment, installation:
 - CIC operation and management:

Program 03: ICT for Future Growth

Type of projects that can be proposed are;

- 1) ICT Applications and Content
 - Original and translated web sites and other materials presented in local, indigenous languages, highlighting information of greatest interest to populations who speak these languages.
 - Information content made specifically for and by local community users, sharing local knowledge, history, and culture, as well as business and government information, ideally developed by local users themselves.
 - Projects focused on graphic interface, audio-video, and other non-written content aimed at engaging and assisting non-literate users; similar applications and content for disabled or uneducated users.
 - Entrepreneurial ventures focusing on creating innovative applications for mobile and smart phones, tablets, and other new devices.
- 2) Digital Literacy – *Students data based*
 - Training classes and workshops
 - Public relations and awareness building programs
 - Entrepreneurial assistance and incubation initiatives
 - ICT applications and content development programs
 - Community-based technical support resources
 - Public administration training and application development

Program 04: Expansion and Upgrade of Broadcasting Network Coverage

Type of projects that can be proposed are;

- Expansion of free to view Digital Broadcasting (TV) Services to unserved areas
- Upgrade from analogue free to air broadcasting services to free to view Digital broadcasting services (TV)
- Expansion of free to air Radio broadcasting services to the unserved areas

Indicative Project Areas

Program 01: Mobile Broadband Expansion and Upgrade.

- Indicative project areas for 4G greenfield and Upgrade from 2G are prioritized from the maximum unserved population to minimum unserved served

- For Greenfield**

Region	Province	Uncovered Population	% Uncovered Population
Momase	Morobe	141,349	20.95%
Momase	East Sepik	118,238	26.24%
Southern	Milne Bay	94,946	34.34%
Momase	Madang	90,542	18.33%
Highlands	Eastern Highlands	89,936	15.51%
Highlands	Southern Highlands	85,300	16.72%
Momase	West Sepik	83,487	33.61%
Highlands	Enga	79,803	18.47%
Southern	Western	72,464	35.99%
Southern	Central	58,412	21.65%
Highlands	Hela	55,413	22.21%
Southern	Gulf	54,846	34.67%
Islands	East New Britain	52,257	15.91%
Islands	West New Britain	51,129	19.35%
Islands	Bougainville	48,644	19.51%
Highlands	Chimbu	44,576	11.84%
Southern	Oro	36,802	19.75%
Highlands	Western Highlands	35,232	9.71%
Highlands	Jiwaka	33,615	9.77%
Islands	New Ireland	29,314	15.11%
Islands	Manus	10,797	17.85%
Southern	National Capital District	878	0.24%

- For Upgrade**

Region	Province	3G Upgrade Uncovered Population	% 3G Upgrade Uncovered Population
Highlands	Eastern Highlands	291,003	50.19%
Momase	Morobe	240,062	35.57%
Momase	Madang	223,138	45.18%
Momase	East Sepik	148,575	32.98%
Highlands	Chimbu	139,066	36.94%
Highlands	Enga	122,332	28.31%
Southern	Milne Bay	113,122	40.91%
Islands	Bougainville	112,430	45.09%
Momase	West Sepik	91,195	36.71%
Islands	New Ireland	85,574	44.10%
Southern	Central	78,045	28.93%
Highlands	Southern Highlands	76,121	14.92%
Southern	Western	72,357	35.94%
Southern	Oro	71,628	38.45%
Highlands	Hela	70,872	28.41%
Islands	West New Britain	58,639	22.19%
Southern	Gulf	56,184	35.52%
Islands	East New Britain	54,012	16.45%
Highlands	Jiwaka	49,730	14.46%

Islands	Manus	27,966	46.24%
Highlands	Western Highlands	14,066	3.88%
Southern	NCD	0	0.00%

Program 02: Community and Institutional Broadband Networks

- The target project areas are learning institutions, local government institutions, local healthcare facilities and community base set ups who are ICT ready such as;
 - ✓ Universities
 - ✓ Colleges
 - ✓ Technical and Vocational Schools
 - ✓ National High Schools
 - ✓ Primary and Secondary Schools
 - ✓ Private/public setups
 - ✓ Villages/communities

ICT readiness refers to the basic infrastructure that the institution must have such as reliable power, ICT teachers, funding to help sustain, rooms for computers among others.

Program 03: ICT for Future Growth

- Target project areas include;
 - ✓ Universities with content creation programs/projects
 - ✓ Technical Colleges with content creation programs/projects
 - ✓ Local entrepreneurs with content creation programs/projects

Program 04: Expansion and Upgrade of Broadcasting Network Coverage

- The target project areas include;
 - ✓ Unserved free to view (Digital Television) services areas in PNG;
 - ✓ Unserved free air Radio Broadcasting Services in PNG