



BARAI CO-OPERATIVE SOCIETY LTD

CO-OPERATIVE SOCIETIES OF PNG

MOTTO: AUTHORITY AND ASSURANCE



Telephone: (675) 71109852
Telephone: (675) 72933630
Email: baraico-operativesocietyltd@gmail.com.pg

Barai Village Rigo North LLG
Rigo District Central Province
P.O.BOX 972, PORT MORESBY NCD PNG

25th February, 2019

The Chief Executive Officer
NICTA
P.O.BOX 85,
WAIGANI
National Capital District

ATTENTION: MR. CHARLES PUNAHA

Dear Sir,

SUBJECT: REQUEST FOR BARAI MOBILE TOWER

In my capacity as Chairman for Barai Co-operative Society Ltd representing more than 75% of the people from Barai Region. I take this opportunity to recommend this project as a priority to provide basic services to the ward and the communities.

My office is currently embarking to establish Mobile Tower in the Region in consultation with the Local Landowners and the Provincial Government. This proposed project will be collaborating aims to expand, improve communication and maintain community development.

This letter is to inform your higher office to secure and approve K1.5000, 000.00 from District Support Grant funds to deliver this proposed project.

I greatly salute and vow to support the projects as it complements with my initiatives to manage community communication improvement.

Yours truly,

BARAI CO-OPERATIVE SOCIETY LTD



ROBERT NB SOILO

Chairman

P.O.BOX 972, PORT MORESBY NCD TEL: 71109852 OR 79821858



BARAI PROJECT



BARAI ADVENTIST SCHOOL



BARAI AID POST



BARAI AIRSTRIP



BARAI CO-OPERATIVE SOCIETY LTD



BARO ELEMENTARY SCHOOL





BARAI MOBILE TOWER

Tower Project

Summary

The goal of this project is to improve the mobile communication and quality of tower for mobile communication service in the Ward by providing improved access to travel and sustainable tower in the remoteness area in the Ward. This will be achieved by providing new Tower in Barai village in the ward.

Email: baraico-operativesociety@gmail.com.pg

Robert NB Soilo

Proposal

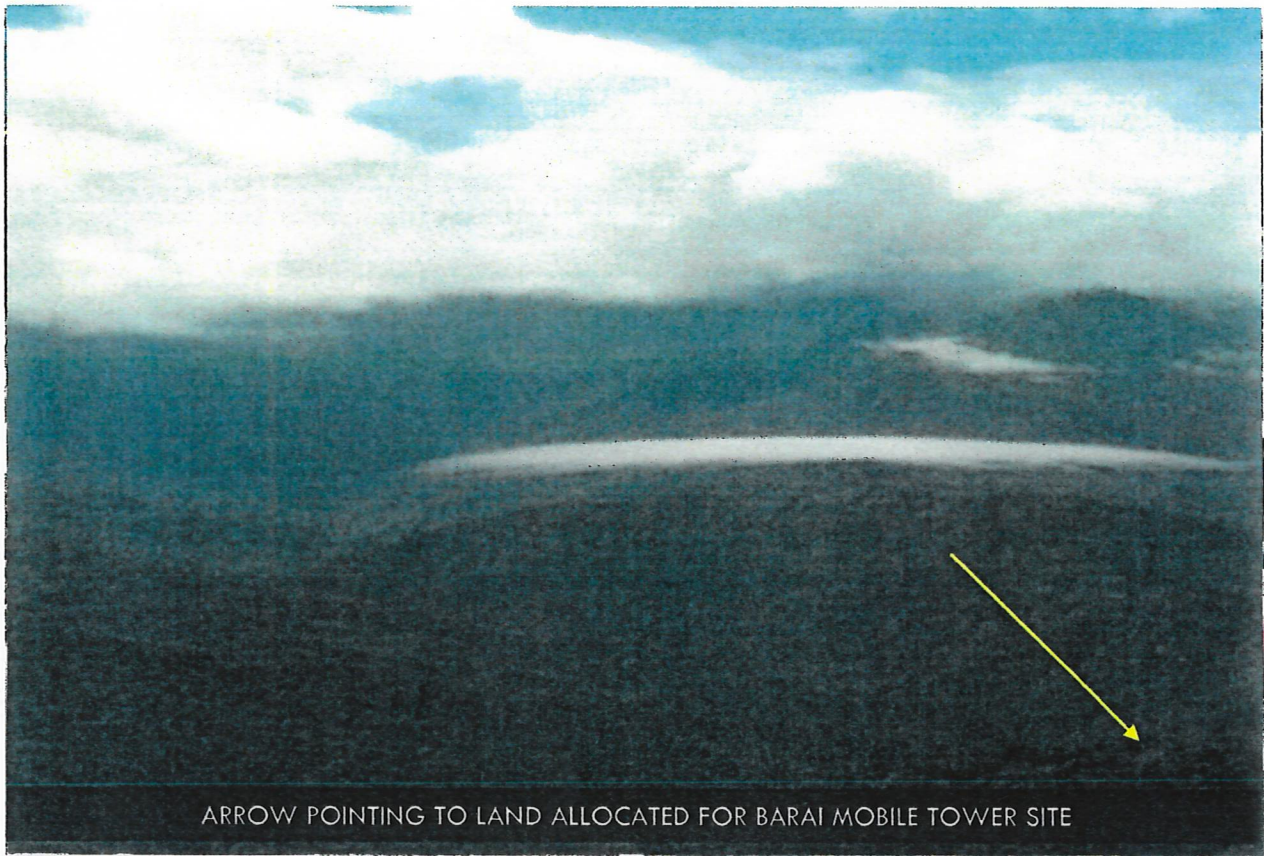
PROJECT TITLE: TOWER

PROJECT LOCATION: BARAI

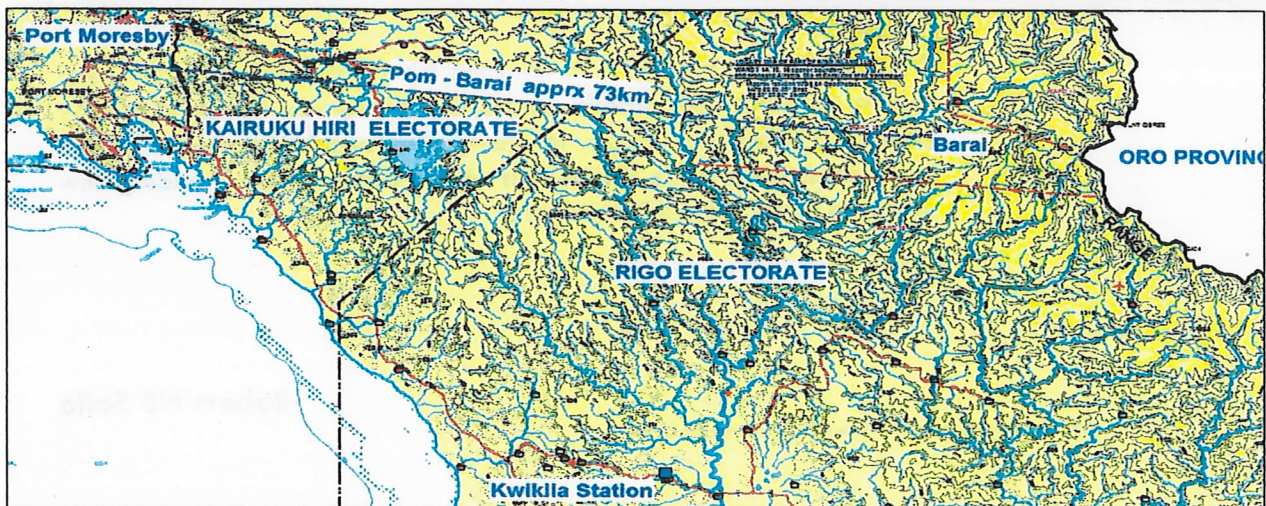
DISTRICT: RIGO

LLG: INLAND

YEAR: 2019



ARROW POINTING TO LAND ALLOCATED FOR BARAI MOBILE TOWER SITE



SUBMITTED TO: MR CHARLES PUNAHA – Chief Executive Officer
NICTA

SUBMITTED BY: ROBERT N.B.SOILO - Chairman
Barai Co-operative Society Ltd

ANNEX 1: Project Formulation Document

Section A: Summary Information

Project Title: Tower

Project Location : Barai Village

Originating Organisation : Department of Communication and Information

Contact name: Robert NB Soilo **and address:** P.O. Box 972 – Port Moresby NCD

Phone: 71109852 or 79821858 **Email:** baraico-operativesociety@gmail.com

Summary Description of Project

The goal of this project is to improve the mobile communication and quality of tower for mobile communication service in the Ward by providing improved access to travel and sustainable tower in the remoteness area in the Ward. This will be achieved by providing new Tower in Barai village in the ward.

Local village will be trained in the maintenance of these systems. Materials and equipment will be provided and labor will be incorporated into the project as a cross-cutting issues.

The PFD is based on an in-depth feasibility study will be conducted in 2017. The Rural Airstrip Program Administrator Led the study, with inputs provided by the Rural Transport Infrastructure Development Division and Office of Department of Transport. The Transport Administration has allocated K10, 000.00 over last year from the Rural Infrastructure Development Grant towards the project and Charter for Barai Rural Airstrip inspection/Audit Saturday, 17 December, 2017.



How long do you estimate it will take to complete the project? One (1) year three (3) months.

Summary Estimate Project Cost

Personal	K1000,000.00
Equipment	K1.1000,000.00
Training	K1000,000.00
Capital Works	K1000,000.00
Other	K1000,000.00
TOTAL	K 1.5000, 000.00

Note: Both totals should equal

Proposed Project Funding Sources*

K 1.5000,000.00 from the micro component of the National Governments PIP program

TOTAL K 1.5000, 000.00
PIP Founding Sources

Section B: Outline of the Project

Please use your own paper and take as much space as you need to answer the following questions. Remember that the development budget is limited and the selection of projects is highly competitive. Therefore provide as much information as you feel is necessary to justify your project, but avoid writing information not directly relevant.

Please note that programs comprising multiple projects substitute "program" for "project"

1. Development Objective

1.1 Describe how the project is in line with District, Provincial, Sectoral Strategies and/or Plans or National Development priorities? (Please provide page references to the relevant plan and attach a photocopy of the relevant page/s).

- a. This document is the five year development plan for Barai ward 4 of Rigo LLG area. It is developed for the first time using the concept plans from the LLG and the district. It covers in detail social, economic and infrastructure sectors developed from issues identified at the ward level. This plan is prepared for the duration of five years commencing from years 2018 – 2022.
- b. A central theme expressed by people during the extensive planning exercise over the past years was the inadequate level of services provided by government. This is not surprising given the absence of most basic services and government staff outside the urban centers of North and East. A detailed analysis will be given later.
- c. The problem tree analysis was used to identify the core problems in each sector to develop the Objectives, Strategies, Programs, Projects and the implementation plan. The plan is in its first draft form so it will be reviewed in the near future by the LLG team. The plan also reflects the district and the LLG plans.
- d. The project development objective is develop a community- driven development model that is adopted by Government to improve access to and quality of basic services in rural communities. In so doing, the project would help to address the low levels of access and desired development outcomes of a number of basic services (communication infrastructure, health, education, water, access, etc.) in the target local level government (LLGs) and wards of the Province. The CCD approach focuses on empowering a broach base of community members to participate in the prioritization of community needs, design of projects to meet these needs, as well as the implementation and monitoring of the projects.

1.2 What is the overall high level Development Goal of the project? (Link to MTDS or Sector Plan?).

POLICY FRAMEWORK STRATEGIC PRIORITIES

The medium term development strategies (MTDS) for the national government, the Central provincial government for the next five years is basically on social wellbeing, the infrastructure and the economic or the private sector. The MTDS defines clearly on government human, financial and administrative resources –

This includes:

- Health
- Basic Education
- Transport Infrastructure
- Local Priorities

The overall MTDS National Government expenditure priorities are as:

Sector	Investment priorities
Health Investing in primary and preventive health care. PNG has some of the highest rates of maternal and infant mortality in the Pacific	<ul style="list-style-type: none"> • preventive and rural health delivery • raising the number and standard of health care workers • improving administrative efficiency • restoring and upgrading buildings and equipment
Education Supporting elementary and primary education particularly for girls	<ul style="list-style-type: none"> • setting and implementing appropriate curricula • raising teachers numbers and standards • upgrading buildings and equipment • reducing administrative costs
Communication Building construction of tower and infrastructure needed to bring service to the people and their goods to markets	<ul style="list-style-type: none"> • Immediately restoring existing/New tower infrastructure to tolerable conditions and regularly maintaining it thereafter • planning and constructing infrastructure where appropriate • rationalizing current departmental structures • clarifying responsibilities of various levels of governments
Private sector Promoting income earning opportunities for people particularly through agriculture, fisheries, forestry and small business. These opportunities will help people to help themselves	<ul style="list-style-type: none"> • increasing access to appropriate credit facilities • improving access to extension, training and productivity • monitoring and surveillance of commercial activities

1.3 What is the Objective or Primary Purpose of the Project? (Must contribute to the Goal).

- Detail of the Proposed Project Development Objective/s in the ward development sector the proposed sub-project the Tower building works is the important development in the communication service that strength and gives communication to the people.
- This is to improve the quality communication service and provide better facilities for comfortable working environment, employment of skilled people will eventually develop in their knowledge

and work experience young children and mothers have access to travel and attend normal business effectively. Extensions of the project on tower and building works could be funded for the projects full completion actively outputs. The members, project committees, Youth, elders of the community to improve tangible development to the ward area





Major building works to be done at the Barai Mobile Tower



DEVELOPMENT OBJECTIVES, STRATEGIES, PROGRAMS & PROJECTS

Infrastructure Sector

Programs	Objectives	Strategies	Projects
Infrastructure Rural communication 	To improve tower communication infrastructure and construct new Tower 	Improve contract management system Redesign and cost out new tower facilities Conduct feasibility study design, costing and documentation Maintain and construct Rural Tower infrastructure 2.1 conduct feasibility study design, costing and documentation 2.2 Tender and implementation 2.3 Monitoring and evaluation 2.4 Documentation and costing 2.5 Tender and implementation	building works of rural tower- building works of tower building and construct
Building and construct Communication improvement	Improve and construct tower building and construct Communication network	Design and cost tower building and construct Improve communication	Building works of tower building and construct Satellite telephone installation
Performance indicator	Number of rural towers, building constructed Number of rural towers and building maintained Number of radios installed and maintain Number of internet facilities established Number of mobile communication facilities developed		

2. Project Description

2.1 How was the project identified and designed? Who was consulted? (Number and types of beneficiaries, landowners, others?)

This Barai tower building works site project contributes to addressing the core problem which lack of effective communication for more than donkey years and the following are the issues and constrains that contribute to communication, building works of tower and inadequate access of equipment Supply available and new works tower building site, poor communication system and equipment supply, no regular visits and patrols conducted in the community therefore, outcome results to the people are now finding it difficult to reach main Towns to obtain mobile communication service.

Many people have encounter problems like been to finding roads by crossing mountains, crossing fast flowing rivers heavy rains and flooding takes place. Many lives are lost when trying to seek communication to travel to and fro to main towns and cities.

Many are communities as there is no access of tower to get communication and they are becoming migrate. This will be a lack of mobile communication service in the Barai Ward. It is the possible solution of the strategy plan to establish a proposed sub-project tower building works site to improve quality mobile communication service to bring better and access to young vibrante generation.

2.2 What is the problem, development opportunity or sector priority (ies) that the project seeks to address?

Priority Problems and Projects Considered for Barai Ward Development Grant Funding

WDP Sector	Core problem identified in WDP	Possible solution strategy in WDP	Expected impact on community/ (WDP development)	Priority project to be funded by National Government
Infrastructure	Lack of mobile communication	building works of tower	Access of better mobile communication services	Tower
Education	Illiterate increasing	Supply teaching resource and better classroom	Reduce illiterate increasing rate	Classroom
Agriculture	Lack of training and seedling supply coffee	Improve training and production	Increase income and reduce poverty	Fish farming
Health	Sickness and health increasing	Supply medication and treatment	Reduce sickness and death rate	
Law & Oder	Lack awareness and training	Building of community hall	Improve behavior and reduce crimes	Hall



BARAI MOBILE TOWER SITE



2.3 Identify stakeholders who may share this problem/challenge that you may need to consult?

Project Technical Design
I. Identifying Data

Title of Project:	Tower	
Target Location (village):	Barai (Barai)	
Ward:	Barai	Ward No: 4
LLG:	North	
Province:	Central	

Technical Designs and Specifications:

For building works (This is applicable if the project will involve any type of building works)

- A. Detail Technical Description
- B. Site Map/Location Map
- C. Building works Sketch/Perspective
- D. Structural/Engineering Design
- E. Electrical Design – if applicable
- F. Mechanical Design – if applicable
- G. Bill of Materials/Bill of Quantity and specifications of equipment needed
- H. Program of Works and Budget (see Annex 2)

2.4 What have you (or others) done already to try and address this problem/opportunity?

For Livelihood Projects (This is applicable only for project proposals intended to promote livelihood and income – generating projects)

- A. Concept paper providing an analysis of the situation: the needs/problems to be addressed: details on the target beneficiaries: payment/recovery schemes to be employed: and the expected outputs, outcomes and impacts of the project.
- B. An economic and financial analysis of the project (a business plan)
- C. A list of materials, and specifications of equipment (similar to a bill of materials or bill of quantity)
- D. Proposed work plan and budget (see Annex 2)

2.5 How will the project address the problem/opportunity to achieve its objective?

For training/capacity building works activities (This is applicable only for project proposals intended to provide training/building works activities other than those already included as part of the National Government capacity building works Component)

- A. Training design (includes training objectives, components, expected outputs/outcomes and target participants)
- B. Training materials, references and resource persons
- C. Training schedule and budget (see Annex 2)

3. Project Benefits

3.1 Who will benefit from the project (e.g. number of women, men youth, organisations etc)? How will they benefit (e.g. social, economic, environmental benefits, employment, business opportunities, etc)? How and when were these beneficiaries consulted?

The beneficiaries of this project will be trackers, women, Men and children, especially Teachers and school children. The other group of beneficiaries is migrate people who will travel/walk for hours to get better communication. The councillor is from the area and has witnessed many tower associated with communication.

The increased tower people communicate from telephone is a proof of evident. The Table#6 (below) shows the estimated number of beneficiaries. When tower such as communication is provided in rural areas and located near villages where the communication are mostly needed people can be improved, the improvement of the tower communication to their normal standards which they become better than before, how this happens is because when tower is situated near the people, vulnerable groups such as community can have access to get better communication in a satisfactory way

or the best of building works their tower needs project justification benefits, are going to be in the forms of incomes earning opportunity for subsistence farmers, stakeholders and youths who are going to the farming and other programs selling and marketing which will enable them to produce their own crops to sell in order to earn some income for themselves.

Table#3 - Target Beneficiaries

Estimated Number of Beneficiaries			% of Total Ward Population
Male	Female	Total	
1600	2300	3900	100%

f) Expected Outputs

Community project team – the team has the responsibility for the planning, implementation and coordination of the project;

- The relevant external expertise of the project, this includes the building engineering/supervisors leading the building works
- Land tenure documented with the landowners for permanent use of the land
- Ground preparation at Barai project site
- Procurement of equipment and building works (With Landowners)
- Mobile communication of equipment to project site
- building works of the tower
- Opening ceremony
- People and communities will live in improve lifestyle
- Access of mobile communication service
- Generate better tower and mobile communication Service
- Create self- employment



4. Technical Aspects

4.1 Were alternative approaches considered to achieve the objectives? Why is the current approach being suggested in this project the best approach to address the problem/opportunity?

Infrastructure Sector Core Problem: Lack of Effective Infrastructure (Buildings, Communication, Energy and mobile communication) Systems
 Issues & Constraints Deteriorating condition of buildings Ineffective communication system insufficient energy supply deteriorating conditions of tower infrastructure

<p>Mobile communication Maintaining New Tower and infrastructure needed to bring service to the people and their goods to markets</p>	<ul style="list-style-type: none"> • Immediately restoring new tower infrastructure to tolerable conditions and regularly maintaining it thereafter • planning and constructing new tower infrastructure where appropriate • rationalizing current departmental structures • clarifying responsibilities of various levels of governments
--	---

4.2 Identify other relevant technical issues

None

5. Project Sustainability

5.1 What are the risks to the project? How will the risks be overcome or managed? (Please attach a risk management table).

After the tower project has been completed, it would definitely have tower board of management in place. Meaning that the BOM & the staff would take total responsibility in the running of the tower, planning and sustaining of the project, like any other tower or in the ward or district or community the BOM a staff have their own schedules for meetings project fund grant by the government and would be under the infrastructure sector. The communication trained Officers will be on short term contracts for the life of the project. It is not anticipated that the training component would continue formally once the project is completed.

Risk Management Table

Risk – List all possible risk you can think of for your project:	Consequence 4 Extreme 3 High 2 Medium 1 Low	Probability 4 almost certain 3 likely 2 Positive 1 unlikely	Risk Rating (multiply columns 2 & 3)	Risk Management Strategy
Lack of political or administrative support	3	1	3	Have full support of administration (see letters of support)
Low capacity of key personnel	4	2	8	Medium risk, but staff identified have project management experience & will be supported by technical staff and consultants.
Land not secured	3	1	3	Community consultation have indicated that this is not a problem in those areas.
Maintenance & recurrent costs not met	4	2	8	Maintenance teams from within each tower will be trained in well maintenance – half will be women. The province has committed 5% of its annual budget for infrastructure maintenance over the next 5 years.
Project equipment personalized	2	2	4	Equipment will remain the property of airfield administration and will be included in the existing Asset Register.
Lack of community support	4	2	8	See comments above re community consultation on land.
Poor communication	3	2	8	Hiring of tower or lack of communication
Environmental impact on classroom table	3	2	6	Impact is minimal – refer to CEO report
Skills consultants unavailable	3	3	9	It may be difficult to attract qualified consultants to work in remote areas but may suit young graduates – will advertise widely.
Women do not participate	3	3	9	Women extension officers, and gender awareness activities
Community members do no purchase building materials	3	2	6	Will link to awareness raising; will sell at cost to cost to ensure is sustainable.

5.2 How will recurrent costs such as staff costs or maintenance and repair costs be met, both during and after the project?

Post-project Five-year Sustainability Plan

Recurrent Cost	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Maintenance	1.2000,000	1.2000,000	1.2000,000	1.2000,000	1,2000,000	6.0000,000
Fuel	1000,000	1000,000	1000,000	1000,000	1000,000	5000,000
Insurance	1000,000	1000,000	1000,000	1000,000	1000,000	5000,000
Taxes	1000,000	1000,000	1000,000	1000,000	1000,000	5000,000
Etc....						
	1.5000,000	1.5000,000	1.5000,000	1.5000,000	1.5000,000	7.5000,000

Post-project Five-year Sustainability Plan

Revenue Source	Year 1	Year 2	Year 3	Year 4	Year 5	Total
User Fees	1000,000	1000,000	1000,000	1000,000	1000,000	5000,000
Operational Budget	1.2000,000	1.2000,000	1.2000,000	1.2000,000	1.2000,000	6.0000,000
Community Contribution	1000,000	1000,000	1000,000	1000,000	1000,000	5000,000
Government Grant	1000,000	1000,000	1000,000	1000,000	1000,000	5000,000
Etc....						
	1.5000,000	1.5000,000	1.5000,000	1.5000,000	1.5000,000	7.5000,000

5.3 What will the originating organisation or local community contribute to the project?

The Provincial Government has conducted the initial feasibility study at its own expense, and has committed K1, 000, 000 from the Provincial infrastructure Grant. Each of the one district have also agreed to commit K500, 000.00 each over the life of the project. Community consultation have taken place in each district, and in general communities have agreed to provide people to maintain the project facilities.

5.4 Have any land ownership issues been resolved? (If necessary, attach land agreement).

Not applicable - Many of the civil works sites already exist on State Land. Community consultation will be necessary in some cases to secure the sites for new tower. However, it is a policy of the project not to pay compensation. If a community cannot agree on a site,

than tower will not be construct. A standard letter of agreement will be signed with clan leaders in each community before building works commences.

5.5 Who will own and/or be responsible for any infrastructure, equipment and materials that come out of the project?

The project proponent - Each community, through their Community Working Committee will be responsible for the maintenance of the tower. Department of Implementation & Rural Development Officers will be tasked to monitor this. All building works equipment procured under the project will the Provincial Administration.

6 Cross-cutting Issues

6.1 What positive, negative or neutral impacts will the project have on the environment? Please describe? Is an Environmental Impact Assessment necessary? (Discuss with the Office of Environment and Conservation) What positive or negative impact will the project have on women? For example, how will women benefit? Will any steps be taken to encourage the participation of both women and men? Will the project impact on other minority groups such as ethnic or religious groups?

Not Applicable - The impact of the proposed tower on the groundwater table is one environmental concern. However, the Office of Environment and Conservation has reviewed the feasibility study and found the potential impact to be minimal.

6.2 How will the project impact on the spread and control of HIV/AIDS (e.g. people traveling to new areas; transportation access being created)? Is there an opportunity to include HIV/AIDS awareness in the project? (Discuss strategies with the National or Provincial HIV/AIDS Coordinator)

Not Applicable - Women will be major beneficiaries of the project. Given the crucial role women play in educating and caring for children and other family members, they will be targeted for education and HIV/AIDS awareness. As women are responsible for the training and building works of tower they will benefit from improved communication systems. Women's groups were consulted during the design, and women will also be consulted with regard to the location and building works of all infrastructure. Fifty percent of the communication officers and tower maintenance teams selected will be women. Gender awareness will be provided to communities to ensure that they nominate women to these positions. Traditionally, men hold decision-making positions so it will be difficult to achieve gender equity in project management positions. However, two of the four communication Extension

Officers are women and they will be actively involved in the implementation of the project.

7 Institutional Capacity of Implementing Agency

7.1 Who will implement the project? Will it be implemented in association with other organizations including Non-Governmental Organizations and Community Groups?

The project will be implemented by the Provincial Administration. The Provincial communication Advisor will be the overall Project Manager. The department of Works Officers will carry out field supervision of all building works under Objective The project funds will be managed by the Provincial Finance Officer, and will be audited annually. Each of these Officers have extension experience in their respective field and in project management.

6.2 Explain why you believe the implementing agency or agencies will be able to successfully carry out the project? Describe staffing being provided to the project (eg. Identify Project Manager, Project Management Committee); qualifications of key staff; similar projects carried out previously by the agency and the persons involved etc.

While this is a large and integrated project, the province believe it has expertise and the track record to manage this project well. The administration has requested to implemented a K300, 000.00 communication project and the communication advisor has gained valuable project management skills through their involvement with the provincial funded telecommunication services support project.

Technical consultants will be advertised for and recruited (refer to the personnel inputs in the cost schedule). These two technicians, a technical design, two building engineers a technical advisor and four extension and project officers. An administrative assistant will also be employed for the life of the project to assist both the project Manager and the Finance Officer carry out the administrative and logistical responsibilities of the project.

8. Monitoring & Evaluation

8.1 Drawing from Implementation Schedule show summary of key timelines and milestones for monitoring?

All PMU and PPO staff undertaking project monitoring visits shall file a project monitoring report within 3 days after returning from a monitoring activity.

8.2 How will Outputs and Outcomes be monitored and reported upon? (NB. DNPM requires quarterly and six monthly reporting of implementation for all PIP-funded activities; show how you are able to comply with this)

The PMU shall incorporate the results, findings and recommendations of monitoring activities into quarterly and half-yearly reports to be submitted to the PSC and the National Government.

8.3 Who will be responsible for Monitoring & Evaluations?

The Department of Implementation and Rural Development will be responsible for monitoring and evaluation. - To PSC shall likewise monitor project performance through the Quarterly and Half-yearly reports submitted to PSC members and discussed during PSC meetings.

8.4 Have you consulted with PLLSMA of the Department of Provincial and Local Government Affairs (DPLGA) – previously the National Monitoring Authority - about your sub- national implementation and monitoring plans? If not, why?

Not Applicable - Apart from studying project documents, ad-hoc field monitoring may also be conducted by the WB, PSC members, ad other Technical Specialists.

8.5 How will monitoring information be used? e.g. To address delays

The monitoring information will be used to ascertain whether goals and targets of the project are being achieved to complement the aspirations of the Vision 2050 as encapsulated in the MTDP and the MTDS

At the end of each cycle, the DPLGA/PMU shall undertake an evaluation of the progress in National Government pilot-testing taking into consideration

Progress towards achieving the Project Development Objective the results of sub-project completion processes

The salient points from Quarterly and Semi-annual Project Reports ad monitoring activities; and

The status and results of community-based M&E using the Community Score Cards. The project evaluation shall:

Summarize achievement of key performance indicators, project outcomes and outputs;

Analyses factors that contributed to successes or failures; ad

Identify best practices, lessons learned and recommendations to be incorporated the subsequent grant funding cycles. The project evaluation shall be designed by the PMU through the M&E consultant.

Section C: Attachments

The following attachments are required for appraisal of the PFD;

- Attachment 1: Log Frame
- Attachment 2: Risk Management Table
- Attachment 3: Implementation Schedule
- Attachment 4: Cost Schedule
- Attachment 5: Cash Flow Analysis and Business Plans if Income Earning Project

The following attachments are optional and will depend on the nature of the project;

- 8.5.1 Land Agreements
- 8.5.2 Scope of Works
- 8.5.3 Bill of Quantities
- 8.5.4 Quotations from suppliers
- 8.5.5 Curriculum Vitae of key personnel
- 8.5.6 Structure of Program/Project Management team/arrangements, showing lines of communications and reporting arrangements
- 8.5.7 Human Resources Mobilisation Plan showing key personnel who will be used in the project, relevant training and capacity building that will be undertaken, control mechanisms, etc
- 8.5.8 Organisational Diagram showing project management structure and how it fits into larger organization
- 8.5.9 Monitoring & Evaluation Framework
- 8.5.10 Other supporting documentation

ATTACHMENT 1 (b)

For complex multi-component projects and/or programs three options for adjusting the structure of the log frame matrix.

<i>Type of Structure</i>	<i>Description</i>	<i>Advantages</i>	<i>Disadvantages</i>
Standard objective hierarchy with Goal (desirable long term development impact stated here ideally drawn from the MTDS or MTDS Performance Management	Four levels: 1 x goal, 1 x purpose, any number of activities per output	<ul style="list-style-type: none"> - is very simple - is commonly used and understood 	<ul style="list-style-type: none"> - Oversimplifies larger, multi-component projects, programs, policies - Does not make project outcomes clear
Multiple purposes	Four levels: 1 x goal, as many purposes as needed, any number of outputs per purpose, any number of activities per output	<ul style="list-style-type: none"> - Maintains the standard four levels of the log frame matrix - The standard is one purpose, so this may cause confusion 	<ul style="list-style-type: none"> - Confusion between purposes and outcomes can still occur
Cascading log frames (Objective hierarchies)	Several interlinked, standard four-level log frames; each project component written up in a separate log frame; the purpose level = the component objective	<ul style="list-style-type: none"> - Maintains the standard four levels of the log frame matrix - Enables a focused "sub-project" approach to management 	<ul style="list-style-type: none"> - Doesn't give an overview of cross-cutting objectives - Focusing on integrative impact is difficult - Is more complex
Extra layer(s)	Five levels: 1 x goal, 1 x purpose, any number of key outcomes (or component objectives), any number of outputs per outcome, any number of activities per output	<ul style="list-style-type: none"> - Makes a clear distinction between output, outcome and purpose levels, facilitating M&E - Is consistent with standard LFA 	<ul style="list-style-type: none"> - More detail has to be included in the log frame matrix

ATTACHMENT 2

Risk Manager Table

Project Risks are all the possible incidents that may happen that will negatively impact on the implementation and overall success of the project. A Risk Analysis helps you anticipate risks, and therefore plan to manage them before they happen.

Steps for risk analysis;

1. Consider every aspect of the project. Are there any possible risks? List each risk below in Column 1. (Some risks are already included)
2. How serious would the consequences be if this risk occurred? Give a rating in Column 2.
3. How likely or probable is this risk? Give a rating in Column 3.

Risks – List all possible risks you can think of for your project:	Consequence 4 Extreme 3 High 2 Medium 1 Low	Probability 4 Almost certain 3 Likely 2 Possible 1 Unlikely	Risk Rating (multiply columns 2 by 3)	Risk Management Strategy (If risk is medium to high explain how you manage it; and if the risk is low explain why this is so)
Lack of Political or Administrative support	2	2	4	The probability to this project certainly in medium risk, therefore development funds from the Government & both GOPNG Donor will support local based economic project.
Low capacity of key personnel	1	2	2	The implementation to the project is possible in terms of the proponent has sufficient capacity to advice & assist the project.
Land not secured	1	2	2	Land is not applicable because the management to this project has had land secured.
Maintenance & recurrent costs not met	1	2	2	The maintenance & recurrent costs will meet as from income it generates by project proponent.
Project assets personalised	2	2	4	Progression of all assets will be reported to DIRD.

Lack of community support	1	2	2	High tendency of community support, therefore the owners will benefit from the project.
Poor mobile communication	1	2	2	There is a good access to get cars done for Hire, hence the improvement of mobile communication infrastructure insufficient to improve those already on track.

4. Multiple the numbers in columns 2 & 3. The higher the number the more serious the risk.
5. What strategies will you use to manage the risks?

ATTACHMENT 3

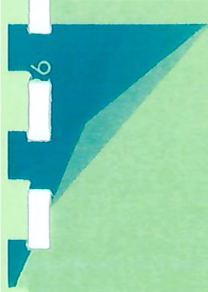
Implementation Schedule

Output/Activity	Who	Year 1									
		June	July	August	September	October	November	December			
1.0 Transport Services											
1.1 Contract agreement											
1.2 Purchase of equipment											
1.3 Labour hire											
1.4 Operations											
1.5 Monitoring report											

ATTACHMENT 4

Cost Schedule (K3000'000)

	UNIT	unit cost K300,000	Qu anti ty	Total Cost	Year 1			
					Q1	Q2	Q3	Q4
INPUTS								
Personnel								
Contract agreement	T/O	500,000	1 X	500,000	200,000	100,000	100,000	100,000
Sub-total Personnel					200,000	100,000	100,000	100,000
Equipment								
Purchase of equipment	P/O	1.2000,000	1 X	1.2000,000	1.1000,000	1000,000	500,000	500,000
Sub-total Equipment					1.1000,000	300,000	300,000	400,000
Capital Works								
Labour hire	T/O	1000,000	1 X	1000,000	300,000	300,000	300,000	100,000
Sub-total Capital Works					300,000	300,000	300,000	100,000
Training								
Operations	P/O	1000,000	1 X	1000,000	300,000	300,000	300,000	100,000
Sub-total Training					300,000	300,000	300,000	100,000
Other								
Monitoring report	P/O	500,000	1X	500,000	200,000	100,000	100,000	100,000
Sub-total Other					200,000	100,000	100,000	100,000
Quarterly Costs					1.2000,000	1100,000	1100,000	800,000
TOTAL COST				1.5000,000	1.2000,000	1100,000	1100,000	800,000





BARAI CO-OPERATIVE SOCIETY LTD

CO-OPERATIVE SOCIETIES OF PNG

MOTTO: AUTHORITY AND ASSURANCE



Telephone: (675) 71109852

Telephone: (675) 71483445

Email: baraico-operativesocietyltd@gmail.com.pg

Barai Village Rigo North LLG

Rigo District Central Province

P.O.BOX 972, PORT MORESBY NCD PNG

Ward Development Planning Meeting Form No: 01/2019

Name of Chairman: Robert NB Soilo

Date: 25th January, 2019

Province: Central

District: Rigo

Ward: Barai

(Ward number: 4)

Number of villages that have representatives:

No	Village	Ward	Ward No
1	LALONU	UPPER MT OBREE	1
2	MIMAI	UPPER MT OBREE	1
3	ABAWANA	UPPER MT OBREE	1
4	IGONAMU	UPPER MT OBREE	1
5	DOROBISORO	CENTRAL MT OBREE	3

No	Village	Ward	Ward No
1	BARAI	BARAI	4
2	ABARO	BARAI	4
3	DODI	BARAI	4
4	BORO	BARAI	4
5	LOLA	BARAI	4
6	IMIDIRU	BARAI	4
7	IBARODU	BARAI	4
8	TABU	BARAI	3
9	HUAHOLO	BARAI	4
10	SOMORI	BARAI	4
11	IDAGI	BARAI	4

No	Village	Ward	Ward No
1	BADAIKA	KORIGO	1
2	IRORONOMU	KORIGO	1
3	KAIKANOMU	KORIGO	1
4	BALATAGA	SIRIMU	2
5	MEODOBU	SIRIMU	2
6	SIRIMU	SIRIMU	2

Number of participant by gender:



1	Infrastructure	200
2	Health	150
3	Education	130
4	Agriculture & Livestock	120
5	Law & Justice	100
6	Tourism	55

Yours truly,

BARAI CO-OPERATIVE SOCIETY LTD



ROBERT NB SOILO

Chairman

P.O.BOX 972, PORT MORESBY NCD TEL: 71109852 OR 79821858



BARAI PROJECT



BARAI ADVENTIST SCHOOL



BARAI AID POST



BARAI AIRSTRIP



BARAI CO-OPERATIVE SOCIETY LTD



BARAI ELEMENTARY SCHOOL



Male (including boys)	Female (including girls)	Total (Male + Female)
1230	1860	3900

Number of participants from vulnerable groups:

Youth	Disable	People with HIV/AIDS
50	Nil	Nil

A) DISCUSSION OF PROBLEMS

Problems Identified	
1	Lack of effective infrastructure (buildings, communication, energy and transport systems)
2	Lack of quality health service
3	Lack of quality education
4	Poor delivery of agriculture extension services
5	Increase in social disorder

B) POSSIBLE SOLUTION IDENTIFIED

POSSIBLE SOLUTIONS	
1	Restoration Airstrips/Roads, Conduct feasibility study design, costing and documentation
2	New Aid Post Establishment
3	Construct new permanent classrooms
4	To provide technical expertise on livestock development and assist funding on various livestock activities
5	Establish village court systems, policing and conduct regular awareness on law and order
6	Establish Tourist Resorts

C) LIST OF PRIORITY DEVELOPMENT ACTIVITIES TO BE FUNDED BY RSDLGP

Number	ACTIVITY	Number of votes
--------	----------	-----------------



4) SIGNATURES

NAME

SIGNATURE

DATE

1. RIS SARU


.....

25/02/19.....

2. JOE YORE


.....

25/02/19.....

3. ROBERT SOILO


.....

25/02/19.....

5) WITNESSS

We, the undersigned being representatives of TAHUME clan (who share the land boundary with IAHELOTOI clan) hereby declare that by Customary Law, we are rightful owners of the land known as "AGREEMENT" located at BARAI Village RIGO District and that it has the right by customary law to transfer/ lease the said parcel of land.

NAME

SIGNATURE

DATE

1. BARBARA TOLAGET


.....

25/02/19.....

2. MOXIE YORE


.....

25/02/19.....

3. SOILO SARU


.....


25/02/19.....

4. JOHN YORE


.....

25/02/19.....

5. SOILO AVANA


.....

29/02/19.....

Made under our hands these agreements:

This 25th day of January 2019 at BARAI Village
RIGO DISTRICT COE CENTRAL PROVINCE in Papua New Guinea



ANNEX 4: LAND USE AGREEMENT

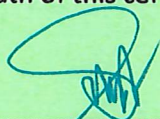
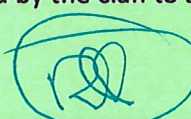
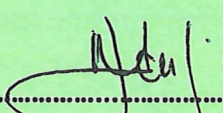





GOVERNMENT OF PAPUA NEW GUINEA CLAN LAND USAGE AGREEMENT

Date: 25th January, 2019

- 1) We, the undersigned being the representatives of the CLAN hereby acknowledge that LAND USAGE have the right under the native law and custom to lease the land known as (or more particularly described in the plan on the reverse hereof) for the purpose of AGREEMENT with the rights to receive the proceeds of crops, trees and palms grown, livestock grazed and/ or business conducted on the said land. We certify that all members of the said clan agree to the truth of this certificate and that we are the Clan members authorized by the clan to sign it.

2)

 Signature of Witness	RIS SARU Full Name of Clan Leader	 His Signature/ Mark
 Signature of Witness	JOE YORE Full Name of Clan Leader	 His Signature/ Mark
 Signature of Witness	ROBERT SOILO Full Name of Clan Leader	 His Signature/ Mark

- 3) We, the undersigned being the representatives of TAHUME clan of BARAI Village, BARAI, WARD 4, COE, RIGO District, Central Province hereby declares that,

- (1) We have the right under customary law to transfer/ lease to the DEVELOP the land as "AGREEMENT" (Or more particularly describe in the plans on the reverse hereof) for the purpose of establishing the TOWER facility land,
- (2) That we transfer rights to use, destroy and replenish (edible or non-edible) shrub, water sources, creeks other organic matters thereof to the LAND and;
- (3) That we undertake not to interfere in any manner on any activities or developments undertaken by our AGREEMENT on the said parcel of land and;
- (4) We commit ourselves in upholding the contents and the spirit of this agreement for so long as it remains in force;
- (5) We further undertake to convey the contents of this agreement to members of the CLAN and to ensure that they shall honor it.

