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Universal Access and Service Projects for 2020

Date of Submission: Insert Date

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)

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| Applicant Information |
| **Name** |  |
| **Organization** | **Type of Organization:**[ ]  Community/Village/Education Institution[ ]  Government[ ]  Private[ ]  NGO[ ]  Other |
| **Position** |  |
| **Mailing Address** |  |
| **Telephone** |  | **Fax** |  |
| **Email** |  |

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| Project Information |
| Project Title |  |
| Project Location |
| Province |  |
| District |  |
| LLG |  |
| Ward |  |
| Project summary |
| Please describe this summary within about 20 lines here. As for the detail, please fill in the Annex 1 |
| Project CostK | Requested AmountK | Own fundingK |
| Duration of the Project  |
| From Month/Year To Month/Year.(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** |  |
| **Organization** |  |
| **Address** |  |
| **Position** |  |
| **Telephone** |  | **Fax** |  |
| **Email** |  |
| **Date** | Insert Date |
|  |  |
| **Signature** |  |  |
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# Project Details

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| **Please describe outline of the pilot project** |
| Objectives |  |
| Purpose of Project |  |
| Outline of pilot project | Project description including equipment, networks / systems/ design and schematicsneeded for the Project. (You may attach another sheet if necessary.) |
| Appropriateness of the Project | The extent to which the Project can support and improve the lives of persons in the project areas evidenced by* Needs analysis (what is the problem, development opportunity, priorities that project seeks to address)
* Project details
* Applicability to community needs
* Project location (attach maps where appropriate)
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| Number of Persons benefiting from the project | How many persons would directly and indirectly be benefitting from the project evidenced by* Proposed number of participants
* Project impact on the community
* Provide an idea of the cross section of persons in the community to benefit from
* the project (e.g. elderly, children, public servants, students, farmers, fisherman)
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| Project Benefits |  |
| Partner organizations/institutions (if any) |  |
| Milestone(significant phases of the project)  |  |
| Expected output |  |
| Project Risks | What are the risks to the Project? How will they be overcome or managed? (See management table)

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| Risk -List all possible risks you can think of | Consequence4 – Extreme3 – High2 – Medium1 -Low | Probability4 – Almost certain3 – Likely2 – Positive1 - Unlikely  | Risk Management/Mitigation plan |
| Lack of political or administrative support |  |  |  |
| Land not secured |  |  |  |
| Security |  |  |  |
| Project Equipment Personalized |  |  |  |
| Lack of community support |  |  |  |
| Maintenance & recurrent costs |  |  |  |

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| Reporting Procedure | Provide outline of reporting |
| Linkage to existing Government development policies | How will the project contribute to development of the Papua New Guinea?Please explain the linkage of the project to;1. The Medium-Term Development Plan III (2018-2022) on ICT (Section 3.2),
2. NICTA Strategic Planning Report (2018-2022), and
3. National Broadband Plan 2014,

*The documents are available on NICTA’s Website* |
| Financial Support | Financial support from the organization/community/provincial governments/or any other source (if any): How will the project be supported by your organization/community/provincial government/administration?  |
| Sustainability of Project | How to ensure the sustainability of operation of the systems after this project ends? And how the results of this project may be used for enhancing development of your province/community/area? |
| **Please describe project implementation plan (schedule) in detail. (date, period, place, mission, etc.)** |

**Types of Projects That May Be Proposed**

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| **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
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| **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:
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| **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.
1. Digital Literacy
* 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
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| **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
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**Indicative Project Areas**

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| **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**

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| **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**

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| **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% |

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| **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 Collegeswith content creation programs/projects
* Local entrepreneurs with content creation programs/projects
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| **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
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