



DEPARTMENT OF PROVINCIAL AND LOCAL GOVERNMENT AFFAIRS (DPLGA)
Rural Service Delivery Project Phase 2 (RSDP-2)

Terms of Reference (ToR)

Position Code:	PG-DPLGA-536536-CS-INDV
Position Title:	Senior Project Engineer
Unit:	Rural Service Delivery Project, DPLGA
Reporting to:	Project Manager
Place of Work:	DPLGA, Boroko, National Capital District
Duration:	5 years
Assignment Start:	May, 2026
Assignment End:	May, 2031
Probation period:	Three Months
Version:	January 2026

1. Background

The Rural Service Delivery Project Phase 2 (RSDP-2) is a six and half (6.5) year project being implemented by the Government of Papua New Guinea's Department of Provincial and Local Government Affairs (DPLGA). The RSDP-2 is financed by the World Bank through a US\$100 million IDA credit. RSDP-2 is the scaled-up successor project of the Bank financed Rural Service Delivery Project (RSDP, which operated in five provinces from 2018-2025) and aims to improve access to resilient basic infrastructure and services and strengthen participatory local governance in targeted communities including those affected by violence.

The project consists of the following four (4) key components:

- I. Preparation and Implementation of Community Sub-projects;
- II. Strengthening community and local government capacity; and
- III. Project Management, Monitoring and Learning; and Support for the National Prevention Strategy
- IV. Contingent Emergency Response Component

The project will be implemented in up to 12 provinces of PNG. A Project Management Unit (PMU) in Port Moresby, and a Provincial Project Office (PPO) in each RSDP-2 province will be responsible for the day-to-day management of the project, under the guidance of DPLGA.

To prepare this follow-on project (RSDP-2), DPLGA has received a Project Preparation Grant of US\$ 1.21 million from the World Bank Grant Facility for Project Preparation (GFPP) to support the preparation of the RSDP-2. The grant will finance the set-up of the RSDP-2 PMU and Provincial Project Offices (PPOs); capacity building; sub-national project sensitization; safeguards and procurement assessments; establishment of the Management Information System (MIS) architecture; and technical support required to inform project preparation and enhance implementation readiness of the proposed follow-on operation (RSDP-2).

2. Key Objective of the Consultancy

The objective of this assignment is to provide technical support and oversight of the design and implementation of all RSDP-2 basic infrastructure and services civil works subprojects in the participating provinces and ensure that the constructed sub-projects meet building codes, infrastructure engineering standards/requirements and are climate resilient.

3. Scope of Work and Description of Tasks

This section outlines the scope of work and tasks required to be undertaken in two phases.

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Phase 1 under this TOR will include services performed during the project preparation period and financed by the Grant Facility for Project Preparation; whilst Phase 2 will be under a separate contract and will include services that will be performed during the implementation period and financed by the loan arrangement. Subject to satisfactory performance of the tasks and responsibilities for Phase 1, the Consultant may be considered for a separate contract for Phase 2 (when RSDP-2 is effective).

The Consultant is also expected to abide by the policies and procedures of the implementing agency (DPLGA) and the RSDP-2, as outlined in the Project Operations Manual (POM).

3.1. Phase 1: Project Preparation (GFPP)

During the preparation phase 1, the consultant is expected to perform the following services, to the extent they align with activities financed under the GFPP:

- (1) Provide technical oversight and advisory support to the Project Manager on all engineering aspects of the planning, preparation and implementation of subprojects in participating provinces in close coordination with the Provincial Project Coordinators (PPCs), and Provincial Engineers and Technical Facilitators. This includes ensuring compliance with approved standard designs, specifications, building codes, and construction methods; supporting coordination of engineering work plans and staff schedules; and contributing to the efficient preparation, procurement, supervision, and progress monitoring of subprojects.

Sub-project Planning and Technical Designs

- (2) Lead the market analyses in each participating province. This includes assessing the availability and pricing of key construction materials for priority subprojects; identifying major suppliers and their supply capacity; and evaluating the capacity of service providers, including building and earthmoving contractors, as well as electricity and water supply providers.
- (3) Based on the market analyses, develop an efficient procurement plan that avoids overloading the local market, ensures realistic supply planning, promotes competitive pricing, supports partnerships, and enables bulk procurement and strategic sourcing where appropriate.
- (4) Develop standard technical designs for key subprojects, including Bills of Quantities with cost estimates derived from the market analyses, and prepare the necessary technical documentation. Ensure compliance with sectoral standards and climate- and hazard-resilient design principles, and include construction and delivery schedules or guidelines for each subproject type.
- (5) Liaise with national institutions on sectoral standards (e.g. from Education, health and water), hazard codes/ regulations, climate resilience mitigation and hazard risk reduction, aligned with the National Adaptation Plan (NAP) of 2023 and include this into design specifications, work methods and standard designs for infrastructure sub projects.
- (6) Liaise closely with the Environmental and Social (E&S) Specialist to integrate climate change adaptation and risk mitigation measures into sub-project technical design and implementation,

including but not limited to floods and run off erosion, coastal protection, groundwater protection, cyclone resilience, earthquake resilience and slope stability engineering.

- (7) Facilitate the necessary approval and certification of technical designs from Building Boards and structural engineering.

Capacity Building and Technical Support Oversight

- (8) Contribute to the development and delivery of training and capacity building activities to the Provincial Engineers, Technical Facilitators and the key community members (e.g. Ward Development Committees (WDCs)/ Community Driven Development Sub-committees) to support harmonized approaches and standards for quality construction and infrastructure works. Prepare training materials, lead training sessions as appropriate, ensure systematic training quality evaluation.
- (9) Provide support, quality oversight, training and guidance to the Provincial Engineering team (i.e. Provincial Engineers and Technical facilitators) to ensure effective and efficient implementation of subprojects.
- (10) Review and advise the Project Manager and Staff Coordinator on required engineering qualifications, competencies, and staffing levels to ensure appropriate and balanced technical skill coverage at both Provincial and LLG levels. This shall inform the recruitment, deployment, and performance management of Technical Facilitators and, where necessary, the engagement of short-term or specialized engineering consultants (e.g., water supply and sanitation artisans or other technical specialists).
- (11) Support the Project Manager in contract management of engineering firms and/or external consultants engaged in specialized technical areas (e.g., water supply systems and other infrastructure works), including review of deliverables, verification of outputs, monitoring of performance against contract terms, and certification of completed assignments, as delegated.

Reporting

- (12) Provide timely input on subproject construction progress for the quarterly reporting of Results Framework indicators for timely submission to World Bank (i.e. Quarterly Progress Report).
- (13) Provide timely input to relevant internal and external reports, including semi-annual Project Progress Reports to the World Bank, mid- term and and completion reports.
- (14) Provide input and update Project Operations Manual (POM) on technical implementation methods, refinement of sub-project EOI/ proposal forms, technical standards compliance and M&E framework for monitoring civil work construction progress;

3.2. Phase 2: Project Implementation

Upon project effectiveness of RSDP-2, the consultant is expected to achieve similar deliverables (under Phase 1) for the duration of their contract under RSDP-2. Additional responsibilities during implementation will include the following:

Sub-project implementation

- (1) Provide guidance to the PMU and provincial project teams in managing the preparation and implementation of public works sub-projects, including surveys, estimation, contract preparation, monitoring, supervision, contract management and implementation.
- (2) Establish and report on labour; other resource costs and productivity rates of civil works items.
- (3) Establish and oversee construction material quality control arrangements at the PPO and LLG levels, and advise the PMU and PPOs on requirements for construction material quality requirements, climate change resilience standards, and technical specifications.
- (4) Conduct regular field monitoring visits to project sites in the 12 provinces to assess progress, identify challenges and verify reported data. These visits will involve direct observation, interviews with beneficiaries and engagement with local stakeholders.

- (5) Prepare quality assurance and control procedures of preparation and implementation of Civil works including tendering and contract administration.

Subproject Completion and Audits

- (6) Oversee the implementation of the project’s Engineering Audits for completed sub-projects, and provide recommendations for technical improvements required,
- (7) Oversee the quality assurance arrangements on Operations and Maintenance (O&M) plans for sub-projects.

3. Schedule for Completion of Tasks and Deliverables

Schedule for completion and delivery of outputs will be as follows:

Deliverables/Outputs	Schedule/Deadline
1. Standardized technical designs for key sub-projects	5 months from commencement
2. Market Analysis for participating provinces and update the costed standard designs	8 months from commencement
3. Consultant contributes to Quarterly and Annual progress reports, specifically on the development and progress of Component 1	Quarterly and annually

4. Duration of Assignment

The position is full-time for the duration of Phase 1 till the closing of the GFPP grant. A three-month probationary period will apply at the start of the assignment.

A performance appraisal will be conducted at the end of Phase 1. Subject to satisfactory performance during Phase 1, the assignment may be extended under a new contract for Phase 2 when RSDP-2 is effective.

5. Qualification of the Consultant

It is expected that the consultant will be an individual with the following qualifications and experience:

Essential:

- (1) University Degree in Architecture, Civil Engineering or Public Infrastructure related engineering degree, at minimum BSc level or equivalent.
- (2) Minimum 8 years of professional experience in design and implementation supervision of building or road infrastructure subprojects.
- (3) Minimum 2 years of experience in leading technical team in infrastructure development.
- (4) Experienced in Infrastructure Project cycle management and planning.
- (5) Familiar with climate-change risks and natural hazard mitigation, during the feasibility, design and implementation stages of project realization.
- (6) Familiarity with PNG Building codes and technical standards and requirements for civil works projects.
- (7) Strong team leader skills and experience in coordinating design, preparation implementation of civil or public works programs, and managing technical staff.
- (8) Ability to travel frequently to provinces and remote LLGs and wards.
- (9) Fluency in English and Tok Pisin.
- (10) Computer Literate in MS Office

- (11) Familiar with and able to use Computer-Aided Design and Drafting systems (AutoCAD, SolidWorks, Autodesk Revit or similar).

Desirable:

- (1) Familiarity with World Bank, or similar donor projects and procedures.
- (2) Familiar with CDD programmes.
- (4) Familiar with procurement rules and regulations

6. Place of Work

For the duration of the assignment, the consultant will work and be located at the Project Management Unit office of the Department of the Provincial and Local Level Government Affairs in Port Moresby. The officer is required to travel to project offices outside of Port Moresby.

7. Reporting, Data, Services and Facilities to be provided by the Client

The consultant will be part of the PMU established within DPLGA. The Consultant will report directly to the Project Manager. The Project Manager, with the support of the Deputy Project Manager, will have overall responsibility for the assignment and will be responsible for day-to-day management of the technical content of the consultant's tasks and activities.

The Client will provide the necessary tools and resources including any background knowledge or understanding relating to performing the service.