

Appendix 5: Terms of Reference for the Environmental Specialist/Advisor

Environment Specialist/Advisor (ES/EA)

Description

The Environment Advisor (EA) will report to the Project Coordinator (PC) of the Project Coordination Unit (PCU) located within the DAL in Port Moresby. S/he will work closely with the PC and also with the Project Managers of the PMUs in Kokopo (Cocoa Board) and Goroka (CIC). Travel to the project provinces is an integral part of duties.

Key tasks and responsibilities

The EA will ensure that all PPAP activities are implemented as per Government of PNG and World Bank safeguards policies as described in the ESMF. The EA will train all key PPAP staff to ensure that they have the capacity to implement the project as per the requirements of the ESMF. S/he will be responsible for quality control related to the application of the ESMF until the PC/PMs are fully trained to take over that responsibility. Specifically the EA will:

- Undertake field visits to the PPAP provinces to supervise environmental management of the components of the PPAP. This will also involve training of the appropriate personnel at the PMUs (PM, Component 2 Coordinator, and Transport Planner/Senior Engineer).
- Review the preliminary screening of infrastructure projects (under Component 3) and partnership proposals (under Component 2) carried out by the PMUs to confirm preparation and to review quality of sub project EMPs as per World Bank requirements and PNG regulations.
- Liaise with DEC on the ongoing discussion and approval of environmental management guidelines for Component 3 investments.
- Develop procedures and work flows for effective environmental management within the PPAP during the project duration in line with the ESMF, and monitor their effective implementation at all levels.
- Provide inputs to a revision of the standard specifications for road and bridge construction in order to ensure that existing practices take into account more fully environmental aspects.
- Report on any issue identified in implementing the provisions of the ESMF and provide recommendations to the PPAP management and PSC on how they could be addressed.

Duration

Six months over 3 years. PY1, 4 months, PY2, 2 months, PY3, 2 months.

Required qualifications

Essential:

- Tertiary Qualifications in a Natural Resources Field such as Environmental Science, Environmental Management, Forestry or Ecology.
- Practical experience in the best practice approach to environmental management and monitoring, minimum of 10 years work experience since graduation.
- Demonstrated ability to assess training needs and build capacity of counterparts.
- Demonstrated understanding of World Bank safeguards policies to be able to advise all staff and stakeholders involved in PPAP.

- Demonstrated knowledge of preparing, organizing and delivering environmental awareness programs at village and community level.
- Good communication and reporting skills, including a working knowledge of Microsoft Word and Excel.
- Experience and understanding of working in a developing country.

Desirable:

- Knowledge of the coffee and cocoa industries in Papua New Guinea, including its stakeholders, organisation and production methods.
- Knowledge of the pests and diseases and the integrated pest management plans that will be used in the PPAP.
- Knowledge of the key conservation/environment authorities/agencies in PNG.
- Ability to understand Geographic Information Systems and the corresponding interface as to the collection of data by GPS and the plotting resulting in a map using MapInfo.
- Other computer literacy, desktop publishing skills.
- Practical experience in water quality monitoring, including the interpretation of and evaluation of water quality data.