



Department of Agriculture
PHILIPPINE RURAL DEVELOPMENT PROJECT

TERMS OF REFERENCE (TOR)

RURAL INFRASTRUCTURE ENGINEER
Regional Project Coordinating Office (RPCO)

BACKGROUND

The Government of the Philippines (GOP) has received a loan from the International Bank for Reconstruction and Development (IBRD or the "Bank"), specifically under Loan Agreement for IBRD Loan No. 8421-PH dated September 8, 2014 in an amount equivalent to FIVE HUNDRED ONE MILLION TWO HUNDRED FIFTY THOUSAND UNITED STATES DOLLARS (US\$501,250,000) for the purpose of part-financing the Philippine Rural Development Project (PRDP), and another loan from the same Bank in the amount of ONE HUNDRED AND SEVENTY MILLION UNITED STATES DOLLARS (\$170,000,000), under Loan Agreement for IBRD Loan No. 8816-PH dated March 2, 2018, for the purpose of providing additional financing to scale up the original Project.

The development objective of the Project is to increase rural incomes and enhance farm and fishery productivity in targeted areas in all the 16 regions of the country. It is envisaged to promote more inclusive rural development by supporting smallholders and fisher-folk to increase their marketable surpluses, and by improving access to markets. The PRDP would also support reforms in the planning, resource programming and implementation practices of the DA. It will facilitate the integration and financing of priority local investments derived from the DA's agricultural and fisheries modernization plans which have been developed using a value chain approach, and through a consultative process with local stakeholders. The Project will be implemented over a period of six years (2014 to 2020).

Specific investments and interventions are implemented under four (4) central components of the Project enumerated and briefly described as follows:

Component 1: Local and National Levels Planning (I-PLAN). This component supports the implementation and mainstreaming of the DA's AFMP planning framework, thereby providing an operational platform for integrated technical support service delivery at the local and national levels. At the regional and local levels, regional AFMPs are being developed taking into account spatial and value chain analysis and using tools for vulnerability and suitability assessment, participatory resource analysis. The local AFMPs shall build on the success of local governments in the implementation of their own development plans.

Component 2: Infrastructure Development (I-BUILD). A network of strategic rural infrastructure is being established, linking priority value chains in targeted Project areas that are identified through the regional AFMPs. By the end of the Project, the component will be able to establish an improved access to strategic and climate-resilient rural infrastructure and facilities that primarily benefit target beneficiaries. These rural infrastructures include farm-to-market roads (FMRs), bridges, communal irrigation systems (CIS), potable water systems (PWS), production and post-production facilities and other infrastructure such as fish landings, fish sanctuary/Protected Area guardhouses, among others.

Component 3: Enterprise Development (I-REAP). This aims to strengthen and develop viable rural agro- industries through investments in the appropriate segments of efficient value chains of key agricultural and fishery products in targeted Project areas. Specifically, I-REAP is designed to: (i) increase productivity and marketability of agriculture and fishery products through increased access to information and support services; and (ii) increase farm and fishery household incomes through engagement in value-adding activities.

Component 4: Project Implementation Support (I-SUPPORT). Providing overall operational support to the implementation is the I-SUPPORT component that ensures efficient and effective delivery of the Project transactions in terms of financial management, procurement, monitoring & evaluation, geotagging, social and environmental safeguards and grievance redress mechanism. It leads in the introduction of innovations and reforms towards more effective and efficient administrative support system in Project implementation, mainly working through the existing DA bureaucracy. At the national level, the National Project Coordination Office (NPCO) is established at the DA Central Office to steer the overall implementation of the Project. Four (4) Project Support Offices (PSOs) have been established to support the implementation in the main islands of the country (2 in Luzon, 1 in Visayas and 1 in Mindanao). A Regional Project Coordination Office (RPCO) is formed and functioning in each Regional Office of the DA to focus on the implementation of the Project in the region.

SCOPE OF THE ASSIGNMENT

The Rural Infrastructure Engineer (RIE) shall ascertain the market, technical, environmental/social, organizational and economic viability of rural infrastructure through appropriate design, quality and timely implementation of subprojects.

The consultant shall report directly to the RPCO I-BUILD Head and shall provide on a semi monthly basis (15th and 30th day of the month), a written accomplishment report. The RIE shall be assigned for a specific province with 80% to 90% of his/her time in the field.

DUTIES AND RESPONSIBILITIES

1. Provides technical guidance to the PPMIUs in the preparation and identification of subprojects in the Provincial Commodity Investment Plan (PCIP);
2. Conducts and submits site validation report of the priority subprojects submitted by the LGUs;
3. Schedules and conducts training or orientation of the PPMIUs in the preparation of feasibility study, detailed engineering design and plan preparation and program of work preparation;

- for IBUILD SPs and IREAP Civil Works;
8. Reviews and endorses all technical/bidding requirements for the requests of OL or NOL 2;
9. Schedules and helps in the conduct of training on contract management and supervision skills training and materials testing and quality control training;
10. Conducts pre-construction training with other units;

4. Conducts and submits field appraisal report of every submitted feasibility study (FS)/business study to ensure that the plans are in accordance to site condition, limits of the road right of way (RRROW) are properly explained to the Project Affected Persons (PAP);
5. Provides technical guidance during the deliberation of subproject approval by the RPAB;
6. Conducts joint review of submitted FS, business plan and submission of review reports covering the detailed engineering design and plans, program of works, technical specifications, quality plan, inspection and test plan, minimum materials testing requirement, operation and maintenance plan, manpower and equipment utilization schedule and bar chart and S-curve for the issuance of NOL 1;
7. Presents Project policies during pre-procurement conferences, pre-bidding conferences for IBUILD SPs and IREAP Civil Works;
8. Reviews and endorses all technical/bidding requirements for the requests of OL or NOL 2;
9. Schedules and helps in the conduct of training on contract management and supervision skills training and materials testing and quality control training;
10. Conducts pre-construction training with other units before any subproject is implemented;
11. Participates in the conduct of as-stake survey and quantity verification specially during the relocation of station 0+000 or setting of control points and bench marks (BM) for roads and other infrastructure types;
12. Conducts review of proposed variation orders, prepare analysis and do coaching sessions to minimize occurrence of variation orders;
13. Inspects, supervises, witnesses and monitors all activities of on-going sub-projects and identifies issues and problems relative to the five (5) quality assurance elements specified in the infrastructure quality monitoring and durability system (IQMDS) and provide appropriate surveillance and audit reports to the LGUs;
14. Conducts at least monthly validation of contractor's accomplishments or statement of work accomplishments (SWA) as member of the Joint Inspection Team (JIT) to facilitate billing to include coordination with other units in the compliance of environmental and social safeguards and geo-tagging;
15. Jointly conducts pre-final inspection and final inspection of substantially and 100% completed subprojects;
16. Helps facilitate the organization of Barangay Implementing Teams (BIT/Citizen's Monitoring Team (CMT) (IA, BAWASA, BROM) and Grievance Committee and assist in the conduct of BIT meetings;
17. Assists in the conduct training on operation and maintenance of every completed subproject for the LGUs (P/C/M/B LGU, civil society organizations);
18. Participates in the semi-annual operation and maintenance audit of all completed subprojects;
19. Participates in regional, cluster, and NPCO coordination meetings, planning workshops to provide feedbacks and conduct timely, appropriate technical sessions along implementation of subprojects;
20. Reviews and validates monthly accomplishment reports per subproject to be uploaded in the web-based Monitoring and Evaluation System (following the system prescribed templates/formats); and
21. Does other function as the RPCO I-BUILD Head may assign.

REQUIRED EDUCATION AND QUALIFICATION

A. Education and Relevant Experiences

1. Licensed Civil engineer or agricultural engineer
2. Minimum of five (5) years working experience in rural development

B. Knowledge, Competencies and Skills

1. Minimum of 48 hours relevant trainings.
2. Proficient in written and oral communications.
3. Computer literate with high proficiency in MS word, excel, and power point.
4. Knowledgeable of the harmonized procurement guidelines of the WB and RA 9184.
5. Ability to work with stakeholders on multiple levels including non-government organizations, people's organization, donors, media groups, religious groups and local government units.
6. Proven organizational skills and ability to manage multiple tasks simultaneously.
7. Can work independently and result oriented.
8. Willing to be assigned at the Provincial subproject level most of the time.

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APPROVED BY:

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