

TERMS OF REFERENCE

RURAL INFRASTRUCTURE ENGINEER (IREAP CIVIL WORKS) RPCO I-BUILD

BACKGROUND

Recognizing the myriad of challenges, gaps, and opportunities in the agriculture and fisheries sector, there is a need for new initiatives that could greatly help the country strengthen its existing development programs for rural areas. Banking on the gains of the original PRDP, PRDP Scale Up to introduce a more holistic design and strategies by looking at a broader agri-food/commodity system to address the gaps in the whole value chains, level up approaches and innovations based on lessons learned, contribute to improving climate resilience and modernizing the agriculture and fisheries sector.

Through the PRDP Scale-Up, interventions would include rolling out more robust development initiatives particularly underscoring engagement with cluster farmer and fisher groups and the private sector. Interventions include the emphasis on rebuilding the whole value chain, improving the food supply chain and logistics, prioritizing farm-to-market roads (FMRs) with value chain infrastructure support, the inclusion of rice and corn focusing on value addition, and mainstreaming of institutional reforms in the DA programs and projects.

The Government of the Philippines (GOP) has received a loan from the International Bank for Reconstruction and Development (IBRD of the “Bank”) amounting to SIX HUNDRED MILLION U.S. DOLLARS (US\$600,000,000.00) for the purpose of financing the Philippine Rural Development Project Scale Up (PRDP SU).

SCOPE OF THE SERVICES

The Rural Infrastructure Engineer for IREAP Civil Works shall oversee the overall management of the infrastructure support (IREAP Civil Works) to IREAP component to ensure its effective implementation and shall ascertain the market, technical, environmental/social, organizational, and economic viability of the infrastructure support through appropriate design, quality implementation and timely completion of subprojects in the implementation of infrastructure subprojects. The function of the Rural Infrastructure Engineer for IREAP Civil Works covers the administrative and technical support to the IREAP component and NPCO, PSO's and RPCO's concerns in terms of meeting the overall targets vis a vis the I-REAP component objective.

The Rural Infrastructure Engineer for IREAP Civil Works shall work with relevant components and units and shall assist in ensuring that PRDP SU strategies and interventions are a) identified, designed, programmed and prioritized according to their consistency and contribution to both the PRDP SU strategic plans and targets and overall economic development plans of the program areas, and b) complementary to sustainable rural development initiatives of rural development actors in the project areas.

The Rural Infrastructure Engineer for IREAP Civil Works shall report directly to the RPCO(I-BUILD) Component Head and shall provide on a semi-monthly basis (15th and 30th day of the month), a written accomplishment report.

DUTIES AND RESPONSIBILITIES

1. Assist in the conduct of the training programs for technical staff at the NPCO, PSO, RPCO and LGU level for IREAP Civil Works;
2. Oversee the implementation of all activities such as compliance to the approved construction plan of the subproject, technical specifications, geo-tagging, social and environmental safeguards, occupational health and safety program, quality control/assurance program of on-going IREAP Civil Works sub-project and identify 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 PSOs and RPCOs;
3. Provide regular monitoring reports (BOTH PHYSICAL AND FINANCIAL) on the implementation of subprojects;
4. Review IREAP Civil Works subproject business plan, technical documents, and conduct checking on the correctness, completeness and consistency of documents on the submitted technical proposals needing Objection letter (OL) or No Objection Letter (NOL). The documents shall be based from a checklist of requirements for value chain rural infrastructure;
5. Conduct validation and field appraisal of critical IREAP Civil Works with other units' concern and attend the conduct of pre-construction meeting, pre-final and final inspection as a resource person and witness;
6. Participate in the joint technical review of SPs on submitted business plan and submission of review reports covering the detailed engineering design and plans, program of works and detailed unit price analyses, work item quantification, technical specifications, design analyses, quality plan, inspection and test plan, minimum materials testing requirement, operation and maintenance plan, manpower and equipment utilization schedule, PERT-CPM, and bar chart and S-curve;
7. When required, provide technical guidance on reviewed SPs during the deliberation and approval of the subproject by RPAB for issuance of NOL 1;
8. Participate in regional, cluster, and NPCO coordination meetings, planning workshops to provide feedbacks and conduct timely, appropriate technical discussion along implementation of subprojects; and
9. Perform other function as may be assigned by the RPCO I-BUILD Component Head.

REQUIRED EXPERTISE & QUALIFICATION

Education:

- ✓ Licensed Agricultural and Biosystems Engineer or Civil Engineer;
- ✓ With graduate studies on agri-bio engineering courses or civil engineering or specialization and an accreditation from a government recognized professional institution shall be an advantage.

Experience:

- ✓ Minimum of five (5) years' work experience in rural development;
- ✓ Work experience in construction or contract management that supervises the pre-implementation and implementation phases of both vertical and horizontal projects shall be an advantage.

Knowledge/Skills/Abilities:

- ✓ Minimum of 48 hours training on Project Management and Construction Supervision or relevant trainings.
- ✓ Has knowledge in AutoCAD software application and other software to be used related to infrastructure development, management, monitoring, supervision, and implementation.
- ✓ Proficient in written and oral communications.
- ✓ Computer literate with high proficiency in MS word, excel, power point and design analysis of different subproject types.
- ✓ Ability to work with stakeholders on multiple levels including non-government organizations, people's organization, donors, media groups, religious groups and local government units.
- ✓ Proven organizational skills and ability to manage multiple tasks simultaneously.
- ✓ Can work independently and result oriented.
- ✓ Willing to travel extensively on different locations most of the time or even on a short notice

Prepared by:

Approved by:

ENGR. NOEL T. CAHILES
I-BUILD Component Head

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