

  
**Government of Nepal**  
**Ministry of Agriculture and Livestock Development**  
**Prime Minister Agriculture Modernization Project**  
**Project Implementation Unit, Rupandehi**

**Terms of Reference (ToR)**

**Feasibility assessment on Establishment of community feed industry**

**1. Background**

Prime Minister Agriculture Modernization Project (PMAMP) is largest existing project under the Ministry of Agriculture and Livestock Development. This is the only project of the Government of Nepal formulated under national vision, financed by national investment and implemented through national institutional manpower. The project duration is of 10 years starting from FY 2073. The project has four components namely pocket, block, zone and superzone; small commercial agriculture production center (pocket) development program, commercial agriculture production center (block) development program, commercial agriculture production and processing center (zone) development program and large commercial agriculture production and industrial center (super zone) development. Currently the project has 7657 pockets, 1587 blocks, 177 zones and 16 super zones throughout the country. Now the pocket development program are being implemented by local government and block development programs are being implemented by Ministry of Agriculture, Food Technology and Land management of respective provinces through its satellite offices, Agriculture Knowledge Centre (AKC), Veterinary Hospital and Animal Service Expert Center. However, the zones and super zone development programs are being implemented by 58 Project implementation Units (PIU's) across the country. And PIU, Rupandehi executes and implements the assigned activities for the Wheat Zone and Fish superzone programs at Rupandehi district and Banana zone and Wheat zone program at Nawarparasi district (west).

Community industries are designed and developed as a collaborative approach for the production of necessities basically accountable to their community and that the profits they generate deliver positive local impact, such as boosting the local economy. Similarly, community fish feed industry is referred as a collective and collaborative establishment of industry developed to produce and provide high quality and relatively low cost feed for the welfare of aquaculture with proper accountability. In a developing country, community programs and these kind of industries are believed to bring a real and positive change with optimal utilization of resource, mobilization of indigenous manpower, promotion of participatory approach which eventually boosts the local



economy and generates employment, strengthen supply chain and creates a pathway for sustainable agriculture.

## 2. Purpose of the assessment

The fisheries sector in Nepal has followed an encouraging path which provides a great opportunity to enhance fish production. In fiscal year 2077/078, aquaculture practices all together produced 83,623MT fish and capture fisheries contributed about 21,000 MT fish summing up to total fish production of 1,04,623 MT (CFPCC, 2078).The importance of fish nutritionally and economically, for both producers and consumers, is a well-known fact that has led to emerging aquaculture in Nepal. With increase in public health awareness, consumption and demand of fish is also increasing at higher rates. But still an enormous amount of fish is imported from different countries. One of the major constraints for low productivity of fish in Nepal lies within the quality, cost and availability of fish feed. The main cost in aquaculture is the cost of feed. Feed alone constitute more than 60% of the total cost in aquaculture (Bhandari *et al.*, 2019).Feed is essential component for growth and development ultimately increased production and productivity. Even though natural productivity of the pond constitute a certain amount of feed, it is not sufficient. Thus, supplementary feed is must and can be locally prepared or commercially bought. Commercial feeds even though known as complete feed can be a hindrance due to their higher cost. So there is immediate need for the establishment of community fish feed industry aiming low cost and quality feed deliveries with promotion of communal development and local economy. Community fish feed industry can be established and operated in various models for its sustainability. Co-operatives, local government, fish entrepreneurs, feed entrepreneurs, fisheries experts, animal nutrition experts, live fish marketing shops and other related stakeholders may be the probable target group for investment, management, establishment, smooth administration and operation of community feed industry on sharing basis based on their capacity of investment of fund.

## 3. Objectives

The major objective of this assessment is to identify and study feasibility aspects for establishment of fish feed industry in fish superzone area.

## 4. Scope of the assessment

The organization shall work closely with continual reporting to Project Implementation Unit, Rupandehi of PMAMP. Key tasks of the organization will include the following function

- review of various models/approaches of establishing a community fish feed industry
- explore the relevant and suitable site with appropriate feasibility test for a community fish feed industry establishment
- analyze the scope of work, legal status, functions, revenue model, beneficiaries and target market of the fish feed industry



- identify and analyze the estimated cost and prepare a detailed project report (DPR) including engineering design and layout for the establishment of community fish feed industry
- develop and manage the human resource hierarchal model for different assigned task during operation of community fish feed industry

## 5. Terms and conditions

Applicants should sign on an agreement letter with PIU Rupandehi after being selected in the selection process

- Before starting, applicant should organize a core group workshop related to methodology and work plan; applicants with clear vision will be prioritized
- Working organization should propose the detail cost/budget breakdown to PIU Rupandehi
- Working organization is responsible for all the cost and expenses incurred during preparing the final report
- The Working organization will work in close contact with PMAMP, PIU, Rupandehi and will provide constant feedback.
- The findings and feasibility studies should be analyzed and working organization should organize an inception and final workshop and present the findings in participation of different stakeholders.
- In case of any difficulties during implementation will be solved by mutual understanding. Under conflict situation, the decision provided by PIU, Rupandehi will be the final decision

## 6. Required technical skills and expertise

- The working organization should assign one team leader with at least Master's Degree in Aquaculture/ Animal Nutrition/ Agricultural economics from recognized university having at least 5years' experience in related field to accomplish the task.
- The working organization should assign three team member (or hire intermittent services), including team leader with at least Master's degree in Aquaculture/ Agricultural Economics/ Animal Nutrition from recognized university to accomplish the task.
- The working organization should submit proposal and CV of team leaders and members along with other necessary document including the latest Tax Clearance Report, PAN/VAT registration etc.



#### 7. Contract Duration of Service

The working organization should accomplish the assigned task and submit inception report within 15 days of agreement and final report within 3 months to PIU, Rupandehi, which will start from 15<sup>th</sup> November 2022.

#### 8. Reporting and Deliverables

The consulting firm should report to the PMAMP, PIU, Rupandehi about the progress of the assigned task in every 30 days interval during the contract period. The inception workshop should be conducted within 15 days of agreement by the timewhich inception report should be submitted to PIU, Rupandehi. The final workshop should be conducted with the participation of related stakeholders before submission of final report within 2.5 months of agreement date. Then final report should be submitted within 15 days from the final workshop after incorporating comments and suggestions.

#### 9. Eligibility of applicants

- Firm/Organization/Institution should be registered in PAN/VAT.
- Certificate of tax clearance of FY 2078/79 should be submitted.
- Company's profile or biography and experience letter of previous works done should be submitted. Organization must have previous experience on fish related workshops, seminars, technology dissemination or any sort of aquaculture related activities.
- Application form should be submitted.
- Applicants should register technical and financial proposal with all necessary documents.
- Applicants should follow existing law, rules and guidelines of Nepal government

#### 10. Selection Criteria

Selection will be done by the internal committee in presence of experts in accordance with the proposed application through evaluation of technical and financial proposal for the assigned work.

#### 11. Mode of payment

The final payment as per the agreement will be done within 15 days after submission of final report after incorporating all the suggestions and comments. The necessary government taxes will be deducted during the payment.