

Terms of Reference

Software development for digitisation of maps and decision making for Gram Panchayet Development Planning

Background and objective

The project “Promoting Sustainable Integrated Farming Systems through multi-actor partnerships” is supporting mainstream mechanism on microplanning processes to facilitate Gram Panchayet Development Planning, so that planning of natural resource management becomes participatory and holistic to create productive asset for the community. Such microplanning processes are done through various maps and PRA processes. This Terms of Reference (ToR) is related to digitise this hand-drawn GPDP maps and putting it in a platform for better decision making.

What is expected

Purpose: Creating a digital platform to capture approved Gram Panchayat Development Plans from image to analyse and segregate data, information, auto generate report for individual GPs for different topics like soil-water conservation, water resources, land shaping structure, vegetation, forestry, cropping pattern etc.

Design:

Main Page will contain a basic introduction in brief, logos and log in window

Dashboard will provide topic wise analysed data (with visualization) of the planning (GPDP), have the provision to track GPDP with code and specific schemes of the GPDP with all the necessary information. It will also have the provision to customize the auto-generated report

It will have the provision to upload a draft hamlet wise microplanning from images and also have the ability merge, analyse data and provide insights from that including same ability to auto-generate report with the option to customize the same when and where necessary.

Output: Downloadable MS Excel sheet, Report in PDF & MS Word Downloadable images/Graphs in JPEG

The proposal

The proposal should reach to miranwar.hossain9@gmail.com by 5th July, 2024 with

- Details of methodology
- Timeline
- Budgetary requirement and
- Credential of the organisation/individuals

Any clarification on the assignment may be requested with 30th June, 2024 to 9337091002