

EXPRESSION OF INTEREST

(FOR TECHNICAL SUPPORT ON RICE-FISH CULTURE IN 'PARIBARTAN' PROJECT)

Regional Centre for Development Cooperation (RCDC), Bhubaneswar invites **“Expression of Interest”** from any organisation, Consultancy Firm, NGO, or Consortium of Organisations of State/National repute having technical experience in the rice – fishery culture in their own format **for Integrated Rice-Fish Culture and Promotion of Saline Tolerant Rice Varieties in Coastal Villages of Kendrapada and Jagatsinghpur Districts.**

The Expression of Interest should be addressed to the Executive Director, RCDC, A/68, Ist Floor, Sahid Nagar, Bhubaneswar – 751007, Odisha, India in a sealed envelope super-scribed **“Expression of Interest for Rice – Fish Culture”** containing both Technical & Financial Proposal and submitted to the undersigned by post or hand latest by **15th June, 2012, 5.00 PM.** in the RCDC Office at Bhubaneswar. Expression of Interest received after the prescribed date line will not be entertained. The details regarding the Expression of Interest and scope of work can be downloaded from the RCDC website (<http://www.rcdcindia.org>). The Executive Director, RCDC, Bhubaneswar reserves the right to reject any or all the offers without assigning any reason thereof or engaging one or more firm (s) for rendering the captioned services.

Sd/-

Executive Director, RCDC, Bhubaneswar

ANNEXURE - I

Expression of Interest for Developing Demonstration Plots for Integrated Rice-Fish Culture and Promotion of Saline Tolerant Rice Varieties in the Coastal Villages of Kendrapada and Jagatsinghpur Districts.

Background

Climate change has been emerging as the global issue in recent years which has received serious attention across the world over the last decade. The impacts of climate change in the coastal regions of Bay of Bengal have been evident in terms of geographical character that is prone to aggravating vulnerability. Both Bangladesh and India, being situated at the edge of the Himalayan downstream outlet, are most susceptible to a number of hydrological and atmospheric hazards which has often put barriers to their planned development processes. Realising the long lead times that is required for climate change adaptation at the community level, it would be insufficient to prevent these risks from increasing vulnerabilities in both countries. Hence, Concern Worldwide has launched a long term program titled “Increasing Resilience and Reducing Risk of Coastal communities to Climate Change and Natural Hazards in the Bay of Bengal” as a multi country pilot initiative. The program has been supported by European Union grant and covers

six coastal locations in India and Bangladesh with an overall target of 1,225,750 total beneficiaries across both countries, (86,148 direct beneficiaries and 1,139,602 indirect beneficiaries). In India the programme is implemented by Regional Centre for Development Cooperation (RCDC) in two coastal districts (Kendrapada and Jagatsinghpur) of Odisha covering 84 villages in two blocks and eight Panchayats. The project would attempt to scale the nature of the risks and vulnerability with a community based process to analyse and identify measures to address climate crisis experienced by the coastal communities.

Detailed process of Community Risk and Vulnerability Assessment (CRVA) was carried out in all the 84 villages in participation with the communities and a detailed action plan has been chalked out for each individual village. In the process of identification of risk and vulnerabilities, the possible solutions or adaptation measures to address such issues were also identified by the communities and it is in consultation with the communities that a list of five pilot options have been identified which would be demonstrated in the field and replicated in the target villages and beyond. For implementation of each of the pilot options technical assistance would be sought from reputed technical and research institutes and technologies that are identified as having a high potential for success will be promoted to target members through information provisions, technical support, training programmes, and exposure visits.

Accordingly one of the adaptation measures identified by the communities is developing **integrated rice-fish culture** in their area as well as experiment saline tolerant rice varieties which could sustain the increasing saline intrusion in the agricultural fields, **without causing any harm to the local ecology/environment or biodiversity in the long run.** The integrated farming practice would ensure optimum utilisation of the land and water resource and also enhance the income of the farmers from the same unit of land.

Objective

- **To ensure optimum utilisation of land and water resources and enhance the overall production from unit area of land and water.**
- **To compensate the economic losses in rice production brought out by natural calamities.**
- **Generate employment opportunity and enhanced income for the farmers.**
- **To address malnutrition and provide better nutritional security through integrated farming system and crop diversification.**

Selection of Farmers

The programme will cover eight villages in eight Gram Panchayats of Rajnagar and Balikuda block of Kendrapara and Jagatsinghpur district consisting of (8 x 30) 240 households. It is targeted to develop at least 10 demonstration models in eight selected villages.

Criteria for selection

- Farmers having at least one acre of land
- Farmers having individual pond attached to the land would be preferred

Technical Collaboration

RCDC shall collaborate with competent Organisation, Consultancy Firm, NGO, or Consortium of Organisations of State/National repute having technical experience in the rice – fishery culture interested to work as the research institute for providing necessary technical assistance and guidance for the successful implementation of and establishing the demonstration models in the field as pilot adaptation option.

Desired Support from the Agency:

Rice-Fish Culture:

- Technical support in land shaping and preparation of the field for rice-fish culture.
- Training to the project staff and selected target farmers on the technology of rice-fish culture developed by the technical institute.
- Providing rice varieties to the farmers and assisting them in proper management of their demonstration fields.

Promotion of Saline Tolerant Rice Varieties

- Technical support required for salinity test of the soil and accordingly suggest right variety of rice to the farmers
- Providing necessary planning materials of the saline tolerant rice varieties developed by the technical institute (e.g. Lunisree and others) to the farmers and training to the farmers in organic farming and SRI technology.

The consultant technical institute will organise exposure visit of the selected farmers and programme staff to see the demonstration plots. It will also be required to develop a monograph in Odia on rice-fish culture, and a training manual in Odia on sustainable agriculture for the farmers.

Consultancy Fee: RCDC will pay the consultancy fee of Rs. 50,000/- to the Research Institute as per the break up given below:

Items	Unit Cost	Total
Fee for resource persons for training the identified farmers and staff	5000*3	Rs 15000
Consultancy Fee to the resource persons for soil testing and guiding the team in establishing the demonstration model	Rs 3500*10	Rs 35000
Total		Rs 50,000

Travel, Lodging and Boarding of the Technical Consultant: Apart from the consultancy fee, the travel, lodging and boarding expenses of the consultants to the field areas for the purpose of this project work will be borne by RCDC in actual.

Publication

The Reports will be published both in the name of the technical consultant and RCDC. Due credit will be given to the supporting hands involved in the study. Due credit will be given to Concern Worldwide and European Union for its support in all the publications. All copy rights shall be reserved with the RCDC, Bhubaneswar.