

MINISTRY OF WATER RESOURCES

GUIDELINES TO OPERATIONALISE THE FARMER'S PARTICIPATORY ACTION RESEARCH PROGRAMME (FPARP)

1. Objective of Farmers Action Research Programme

The programme involves field demonstration of technologies developed by the institutes which will increase agriculture productivity and profitability or in other words will enhance yield and income per drop of water. The nature and activities will include soil and water management practices, crops and varieties, agronomic cultural practices, macro- and micro nutrient management, use of appropriate implements such as drip, sprinkler, seed drills and other soil and water conservative implements etc.

2. Award of the programme

The Member Co-ordinator will submit the proposals approved by the PIT indicating inter-alia their cost, period of implementation and the funds to be released to the Commissioner (GW), MoWR for taking necessary action for award of work and release of funds. Commissioner (GW) as Subject Matter Division (SMD) will issue administrative order and separate order for release of funds.

3. Pattern for release of funds

- Funds will be provided by sending DD in favour of A. O. or similar appropriate authority.
- MoWR will be providing funds @ Rs.50,000/- (as recommended by the Sub Committee on "More Crop and Income per Drop of Water") or the approved cost per demonstration whichever is less, limited to 100 demonstration per institute. Expenditure incurred above the approved cost will be borne by the Institutes themselves. However, PIT can waive the ceiling on the number of demonstrations for reputed institutions which have developed more technologies and have capacity for their demonstration.
- 70% of the cost of the proposal will be released at the time of award of the work once the proposal is accepted by PIT. The balance 30% will be released on submission of utilization certificate along with the completion report & acceptance thereof by PIT.
- Accounts of the grant are open to test check by the Comptroller and Auditor General of India under Government of India decision No. 2 below Rule 149 of G.F.R. 1963.
- The organisation will devise the system of accounting, reporting & auditing of expenditure in respect of this grant.
- Unutilised funds will be returned through crossed Demand Draft in favour of PAO, MoWR on completion of the programme or if work is terminated by PIT.
- No expenses will be allowed for purchase of vehicles, computers & office furniture/ modification of office.
- The expenditure will be allowed to be incurred under the subheads of Salary, Travel expenses (TE), Infrastructure/ Equipment and Demonstration cost as per

the enclosed MoWR's guidelines for implementation of R&D schemes. Similarly, the expenditure under Contingency and Overhead charges will be allowed to be incurred in accordance with these guidelines. Accordingly, the Institutes will have to submit cost estimate as per enclosed format **CE**

- In accordance with the provisions of Rule 149(4)(i) of the GFR, NGOs/ Private Institutes will be required to execute a bond with two sureties to the president before releasing of funds.

4. Time frame

The programme shall be completed in maximum three crop seasons after the release of first installment of fund. However, the PIT may consider granting of more time, if demonstration of technology so warrant (such as drought, flood as well as seasonality and duration of particular technology. The number of seasons will also depend upon the type of crop and technology used.) or on the request of the institutes giving full justification.

5. Termination of Programme

The award of work can be terminated at any stage if PIT is satisfied that the work is not progressing well after reviewing the progress reports or after physical checking by Member(s) of PIT. Based upon the recommendation of PIT, the Institute may have to refund the amount released on termination along with the interest at prevailing rate as fixed by the Ministry.

6. Completion report

The Institutes will have to implement the FPARPs within the stipulated time period or extended period as approved by PIT and submit the completion report (in hard & soft copy) to Member Coordinator. The completion report should inter-alia highlight the benefits accrued due to implementation of the programme and the beneficiary villages/ farmer families, increase in agricultural production/ livestock, resultant increase in income of farmers and/ or improvement in ecology, quantum of water saved/ conserved, Training/ education programme to promote proposed technology (ies). Institutes will also furnish the list of equipments procured with the completion report duly signed by Head of the Department.

7. Utilisation certificate

- The demand & expenditure will have to be indicated as per format **UC** enclosed.
- The institutes have to furnish a certificate from the Auditors to the effect that the grant-in –aid has been utilized for the purpose for which it was sanctioned.
- The utilization certificate should be duly certified by the Principal/ V.C./ Head/ Director of the institutes (Agricultural Universities & Account Officer/ Registrar.

8. Monitoring of the programme

- The institutes will furnish Action Plan for each crop season on the enclosed proforma **AP** on award of work.
- The institutes will furnish the progress (both physical and financial) report in the month following the end of each crop season, on the enclosed proforma **PP & FP**.

- Physical monitoring of FPARPs will be done by the regional offices of CWC and CGWB. They will be submitting the monitoring report containing both physical and financial progress in the proforma **PP &FP** to Member Coordinator of PIT in the month following the end of a crop season. The institutes will extend full cooperation to the monitoring team.
- PIT, if feel necessary, can also make random checking of programme implementation by the Institutes or call meeting(s) of the implementing institute(s).

9. Impact Evaluation

- As suggested by the Project Steering Committee, impact analysis in terms of physical and financial gains of all FPARPs shall be done on completion by the following four regional institutes:
 1. Madras Institutes for Development studies, Chennai for Southern region
 2. Indian Statistical Institute, Kolakata for Eastern & North Eastern Regions
 3. Tata Institute for Social Science Research, Mumbai for Western Region
 4. National Institute for Applied Economic Research, Delhi for Northern Region (NCAER).
- MoWR may consider impact evaluation of work by these Regional Institutes at later stage after completion of the FPAR Programme.
- The assessment of FPARP by the regional Institutes will be put on website of MoWR for wider dissemination by SMD.