

**DIRECTORATE OF AGRICULTURE AND FOOD PRODUCTION, ODISHA
BHUBANESWAR**

No- 1S(04)03/2022 3313

/Agril., Date. 08.02.2023

Expression of Interest (Eoi) for submission of Innovative Agricultural Project proposal under the State Sector Scheme "Development of Agriculture in Collaboration with International Institutions"

Innovative Agricultural Project proposal are invited from the willing National & International Research Institutes and Organization /ICAR institutions as per provisions contained in the Guidelines for the State Sector Scheme "Development of Agriculture in Collaboration with International Institutions". While submitting the Innovative Project Proposals (DPR), above Organizations / Institutions / Universities should go through the guidelines. The proposal should be submitted in the proper format as **prescribed in the Annexure-I & II of the Scheme guidelines** with all requisite documents (Both in Hard & Soft Copy) to **The Director, Agriculture & Food Production, Odisha, 2nd Floor, Krushi Bhawan, Bhubaneswar, District-Khurda, Pin-751001** by **Speed / registered post (India post)** within **21 days(during the office hours)** from the date of publication in the official website of www.odisha.gov.in/ www.agrisnetodisha.ori.nic.in.

Innovative Agricultural Project proposal submitted within the timeline and adhering to the spelt out provisions under the "Development of Agriculture in Collaboration with International Institutions" scheme guidelines will undergo scrutiny and selection as prescribed.

The undersigned shall not be responsible for any sort of delay. Proposal received beyond the scheduled date & any other mode of receiving proposal shall not be entertained & will be out rightly rejected. The authority reserves the right to cancel / reject any or all the EOI without assigning any reason thereof.

Director of Agriculture & Food Production,

Odisha, Bhubaneswar

ANNEXURE-IV

Scheme Guidelines

"Development of Agriculture in collaboration with International Institutions"

1. Background

Agriculture plays a very crucial role in the overall development and transformation of Odisha. Covering 35 percent of the geographical area as the net cropped area and dependence more than 60 percent of the State's workforce on it for their sustenance, agriculture in Odisha is the sector that is closely connected to the welfare of its citizens. Agriculture & allied activities share about 20 percent of the total GSDP of the State. The State Government is keen to increase agricultural production and raise productivity through improved land and water management, scientific agricultural techniques, markets, application of better technology, higher public and private investments and effective implementation of ongoing programmes in agriculture and allied sectors. The agriculture sector in Odisha faces several challenges like low productivity, low investment, low returns, severe losses due to natural calamities, fluctuating supply of inputs like quality seeds, fertilizer, irrigation and credit, lack of reliable insurance cover, lack of facilities for post-harvest management and marketing, etc. These challenges are exacerbated by the changing climatic scenario requiring the farmers to make several complex decisions to improve and stabilize productivity and income with minimal environmental degradation.

The Department of Agriculture has been striving to address these concerns through appropriate research and extension linkages with several National and International Institutions in agriculture to bring in research outcomes relevant to the state of Odisha. This is especially valuable for research outcomes related to climate resilient agriculture as climate change and the response to it have wider global ramifications. It is likely that the adaptation and mitigation efforts that are pivotal in meeting the challenges are also effective in the case of the state of Odisha. The diverse agro-ecological situations in the state also warrant that the promising global technologies and climate-smart practices are properly contextualized for region-specific adaptation with adequate adjustments to meet the requirement of smallholder farms predominating in the state. This entails collaboration with National & International Agricultural Research Institutions to test, validate and promote technologies and practices that are pilot tested and proven in other parts of the world/country so that selected, locally effective, sustainable solutions are promoted for adoption by the farmers in different districts. The Consortium of International Research Centres (CGIAR), is a partnership that is dedicated to reducing poverty, enhancing food and nutrition security, and improving natural resources and ecosystem services across the globe. Partner institutions of CGIAR work closely with national and regional institutions and governments to address specific challenges in meeting the goal of improved livelihoods for farmers and consumers. The Department of Agriculture and



Farmers' Empowerment, Govt. of Odisha shall strive to work in collaboration with such institutions to formulate relevant technology initiatives and support in implementing them to solving not only the climate-related issues but also bring in advanced research products and services having the potential to improve and sustain productivity and profitability of the farming community as well as nutrition needs of the people of Odisha.

2. Scheme/Programme Objectives

Aims and Objectives:

Aims:

Resilient and remunerative livelihoods for farming families with sustainable income from climate-resilient and resource-efficient agri-food systems, enhanced nutrition for producers and consumers, and entrepreneurship opportunities for women and youth.

Objectives:

1. Develop and promote best-fit diversified, climate-smart, resource-efficient (land, water, soil and chemical) and market-led cropping systems that are gender-equitable and remunerative.
2. To work in coordination to provide continuous technology development, technology up gradation, technical know-how, advisory, and technical support required for sustainable Agricultural production and marketing of the agricultural produce by the state.
3. Enhance options for nutrition security of poor households with stable production of nutritive, bio-fortified crops befitting the agro-climatic zones of the state.
4. Develop and promote mechanisms for enhanced coordination of breeding and, formal and farmer-managed seed systems for more effective access to and availability of quality seeds of nutritious and climate-resilient varieties
5. Develop, test and promote gender-responsive mechanization in diversified rice-based systems.
6. To Enhance women's economic empowerment through entrepreneurship models involving collectives, linkage to markets and, service provision
7. Promote FPOs for collectivization of produces and market linkage.
8. Develop and promote strategies and actions to engage youth in the sustainable transformation of Rice-based Agri-Food Systemes.
9. To provide evidence-based policy recommendations and technical support.

3. Coverage under the Scheme/Programme and duration [(i) In case of Capital projects, length/area, etc. of the work with detailed break-up as well as intended benefit to the public;(ii) In case of Social sector projects, the Target Beneficiaries, eligibility criteria, quantum of benefit to detailed]

A. Thrust area of the scheme:

1. Crop Diversification, climate resilience, Sustainable Agriculture, and Improvement of Soil health.
2. Seed sector development with public-private partnership for farmers' access to and use of quality seeds of new, improved and preferred crop varieties.
3. Resource efficient and sustainable crop husbandry aimed at balanced and conjunctive use of biomass, organic and inorganic fertilizers and controlled use of agrochemicals.
4. Mechanization to improve efficiency, drudgery reduction and cost of cultivation.
5. Gender-responsive technologies, women entrepreneurship.
6. Role of youth in diversified agri-food systems.
7. Digital technologies to facilitate production, processing and marketing.
8. Geo-spatial technologies for crop monitoring, loss assessment and deployment of contingency plans.
9. Technologies to address Dietary diversity and Nutrition Security of Agricultural Crops.
10. Precision farming for enhanced input use efficiency.
11. Any other thrust areas of agriculture considered and recommended by the Directorate Level Screening Committee (DLSC).

B. Implementing Agencies

Good viable projects under the priority sector (Thrust area) will be undertaken by National institutions and International Institutions having CGIAR affiliation and having partnership experience with the Department of Agriculture and Farmers' Empowerment (DA & FE), Odisha. The National and International Institutions/organizations having innovative concepts and experience of project implementation fulfilling the scheme objectives are eligible for submitting project proposals.

C. Project Proposal

The National /International institutions/ organizations having adequate manpower and infrastructure may propose feasible projects under the priority sector to the Department of Agriculture and Farmers' Empowerment (DA & FE), Odisha. The proposal must be submitted in the format given in Annexure II. The project proponent should submit 3 hard copies of the proposal in A4 size paper along with the soft copy through the mail.

D. Selection Procedure

The proposal submitted must be addressed to the DA & FP (O). The proposal will be primarily scrutinized and evaluated by the Directorate Level Screening Committee (DLSC)

and recommended to the Government Level Selection Committee (GLSC) for final sanction.

E. Scrutiny of the proposal by the Directorate Level Screening Committee (DLSC)

- a. Scrutiny of the proposal will be done by the Directorate Level Screening Committee (DLSC) and which in turn will be submitted before Government Level Screening Committee (GLSC) constituted by the Government of Odisha in the DA & FE Department for final selection.
- b. The DLSC will examine the proposal of the Institution/Organisation, the project, Justification and its feasibility, budget details, modalities for implementation, time schedule for completion, etc.
- c. The project proponents will be invited to give presentations before the Directorate Level Screening Committee (DLSC) to justify their proposals.
- d. The Directorate Level Screening Committee (DLSC) will shortlist the proposals based on scoring. The chairperson of the committee will devise the scoring format & marking based on the concept, need of the Department, feasibility of the project, implementation methodology, benefit of the target group, impact of the project, etc.
- e. The shortlisted proposals completed in every aspect along with the score and comments of the DLSC will be placed before the Government Level Screening Committee (GLSC).

F. Directorate Level Screening Committee(DLSC) comprises of

- | | |
|--|-----------------|
| 1. Director of Agriculture & Food Production,(O) | Chairman |
| 2. ADA, Extension | Member |
| 3. Chief Engineer (Agril.) | Member |
| 4. FA-cum-CAO,DA & FP(O) | Member |
| 5. Director, IMAGE | Member |
| 6. JDA(All) | Member |
| 7. J.D.A. (SP&C), DA&FP(O) | Member Convenor |
| 8. State Bio Chemist | Member |

The criteria for selection of the project are given in Annexure-I

G. Sanction of the proposal by the Government Level Selection Committee (GLSC).

1. Government Level Selection Committee(GLSC) will examine the project proposals based on the suggestion and scores given by the Directorate Level Screening Committee (DLSC).
2. The GLSC, at the time of selection of the project, may also prescribe necessary changes in implementation modalities, area of operation, project cost and duration, etc.
3. The GLSC reserves the right to select or reject any of the proposals without assigning any reason thereof.

H. Government Level Screening Committee (GLSC) comprises of

- | | |
|--|-----------------|
| 1. Principal Secretary, Agriculture & F.E., Deptt. | Chairman |
| 2. Special Secretary, Agriculture & F.E., Deptt. | Member |
| 3. Director of Agriculture & Food Production,(O) | Member Convener |
| 4. Director of Horticulture (O) | Member |
| 5. Director Soil conservation &WSD (O) | Member |
| 6. Vice-Chancellor, OUAT | Member |
| 7. FA cum Special Secretary, A & FE Deptt. | Member |

After the finalization of the selection procedure, the selected Institution/Organization will be informed through an official letter. The implementing agency must send its acceptance letter within a week.

4. Implementation of the Scheme/ Programme (with the definite role of the stakeholders at the State/ District/ implementation level)

1. After the finalization of the project and the Institution/Organization, a Directorate Level Nodal officer will be selected for monitoring the innovative project based on the crop/nature of the project.
2. The Directorate Level Nodal Officer will monitor and supervise the programme. The Nodal Officer will collect Monthly Progress Reports and reports/ information as and when required by the Director of Agriculture & Food Production (O).
3. The selected Institution/ Organization will enter into an MoA/ MOU with the Department of Agriculture & Farmers' Empowerment for the execution of the project.
4. The Project implementation will be managed by the selected International/ National

Institutions directly through its National & State level offices. The institutions should have a strong partnership network in the state with the various State/ National/ International level institutions, State Agricultural Universities and other public-private organizations that will be actively involved in the implementation of the project activities. The project office of the proposed institution will be set up in Odisha preferably in Bhubaneswar for coordination with all the stakeholders as well as implementation & monitoring of the project activities. The project office will be managed by the concerned Institution.

5. The entire project will be managed and administered by the implementing institution and it will be responsible for the execution of the project, implementation of activities and reporting the progress to the Government of Odisha.
6. The Implementing institution will nominate a representative who will be the overall Project Leader/ Coordinator and nodal point of contact on behalf of the institution and lead the overall implementation and monitoring of project activities. The Project Coordinator will submit the progress reports to the Directorate Level Nodal Officer.
7. Approved projects comprising several work streams shall be led by the individual nodal officers under the supervision and guidance of the Overall Project Leader. The institute will intimate the names of the nodal officers who will lead the project work streams to the Department in due course of time.
5. Team leaders of each workstream will be primarily responsible for the implementation of their respective activities and delivery of milestones in close collaboration with the Department and other stakeholders in the state.
6. A decentralized participatory approach will be used as the basis for technology dissemination. Such an approach is essential because of the diversity of environmental conditions and farmers' livelihood strategies.
7. State, district and block level agriculture and extension officials will be involved in the approved project activities from the beginning so that they are able to take up the technologies for large up-scaling and out-scaling.
8. Field activities in target regions will be conducted by the concerned institution engaging its manpower
9. The project office of the proposed institution will be set up in Odisha preferably in Bhubaneswar for coordination with all the stakeholders as well as implementation & monitoring of the project activities. The project office will be managed by the concerned Institution/Organization. It will support the institution/Organization and the DA & FE in project implementation, monitoring, fund processing, documentation and report preparation of the project at both district and state levels. It will be actively involved in plan preparation, capacity building, and providing technical and administrative support.
10. A third-party evaluation will be conducted by an independent agency.

5. Source of funding for the Scheme/ Project and fund flow mechanism

Application for Innovative Project Proposal under the scheme will be processed, selected funded, evaluated & monitored as per the flow-chart indicated below.

1. The scheme shall be funded from the State budget under the State Sector Scheme "Development of Agriculture in Collaboration with International Institution". The total cost of the scheme will be inclusive of Third Party Evaluation as per the budget provision under the scheme. The maximum limit of a project will be finalized by Government Level Selection Committee (GLSC) as per the needs of the Department.

2. Government of Odisha (A & FE Department) will release funds to the project implementing institution through the DA&FP (O) as depicted in the fund flow chart.

7. Financial Protocols

OPERATIONAL MODALITIES FOR FUND RELEASE

FUND FLOW CHART

1. On receipt of funds from the Department of Agriculture and Farmers Empowerment, DA & FP (O) will release funds on yearly basis in two installments to the Implementing Institution/ Organization. The first installment of 50 percent of the fund will be released during the month of June and the subsequent installment of 50 percent of the fund in the month of October every year. The project implementing institution has to submit a mid-term progress report along with the Utilization Certificate (U.C.) prior to the release of the second installment.
2. The project implementing institution will manage the fund for entire project activities including office operation services and maintain separate records and financial accounts of the project
3. The institution will release funds to its research and development partners in Odisha for implementing the project activities.
4. The institution will transfer the fund to partners as per its standard mechanism and practice that defines the roles, responsibilities and accountability of the partner institution based on the agreed work plan and reporting system.
5. Monitoring and evaluation visits conducted by the official of the government of Odisha shall be taken care of by the Directorate of Agriculture and Food Production.
6. The implementing institution's financial management system is in accordance with internationally recognized accounting standards in respect of the grant and will submit a semi-annual unaudited financial report & utilization certificate and audited annual report every year to the Directorate of Agriculture & Food Production.
7. The implementing institution will depute the Project Manager/ Coordinator for monitoring and supervising the fund operations and utilization.
8. The audit of fund flow and utilization at various levels will be made by the internal

audit system of the implementing institution regularly.

9. The institution/Organisation will be liable for the compliance of RTI. **Intended Scheme/ Programme Outcome**

By the end of the project, the IA will provide a Project Completion Report (PCR) having detailed outcomes and recommendations for the wide-scale adoption of new technology. At the end of the project, a concrete plan of Action for the next 5 years with expected output that can be followed by the state govt. with certain modifications or changes will be provided by the institution. The Actionable plan should be exact, very specific, contextualized, district-wise/ area-wise and crop-wise. The institution will provide evidence-based policy recommendations and technical support

7. Monitoring & Evaluation mechanism

A. Two high-level committees constituted for the screening of projects will monitor and evaluate the projects at regular intervals.

For those projects which are implemented at the field level, besides, review of the implementation of the program will be done at the concerned CDAO at the district level. There will be an agenda in the monthly ADOs/ AAOs' conference separately for discussion on different activities of the projects which will be presented by Implementing Institution.

1. The project progress and achievements will be presented and reviewed on yearly basis through the annual review and planning workshop. Progress of activities will also be reported by review process and annual reports.
2. The team of the project Implementing Institution and Officials will monitor the implementation & progress of the project from time to time and advice, if any, for mid-term corrections.
3. A third-party evaluation of the scheme shall be made to know the success and failure of the implementation of the scheme along with an interim evaluation.

B. Reporting Mechanism

1. The Implementing Institution/Organization will present the progress of activities under different sub-projects monthly on last day of each succeeding month/ quarterly report to the committee at the directorate level and half-yearly to the committee at the government level.
2. The final progress report will be presented by the implementing institution and collaborating partners during the annual review and planning workshop after the end of the financial year.

1. Reporting schedule:

Sl No.	Progress Report	Technical	Financial
1	Monthly Progress Report	Last day of every month	
2.	Half-Yearly Progress Report	31 st August of every year	30 th September of every year
3.	Annual Progress Report	28 th Feb. of every year	31 st March of every year

4. The financial report should be submitted in the prescribed utilization certificate format GFR 19-A

5. The audited report should be submitted on/before 30th June of every year.

8. Forms for application by the beneficiaries (if any) to be annexed

Not Applicable


9. General Conditions

1. The project is not transferable in any case.

2. It is mandatory to post the Success Stories of the project and evaluation reports under the Project on the website of the Institution / Organization.

3. The DA & FE (O) being the nodal Department of the scheme reserve the right to insert or delete any of the conditions there under the guidelines as and when required.

This Scheme guideline is issued on approval of the Govt. and by order of the Principal Secretary, Deptt. of Agriculture & Farmers" Empowerment.



Director of Agriculture
28/11
and Food Production (O)

Memo no. 41242

/Agril.Dated. 28.11.2022

Copy forwarded to the P.S to the Principal Secretary, Department of A & FE for

Kind information of the Principal Secretary to Govt.


Director of Agriculture
and Food Production (O)
28/11

Annexure –I

Sl No	Criterion	Maximum Score	Score Obtained
1	Innovativeness of the proposed Concept	30	
2	Methodology of Implementation	20	
3	Feasibility of the project	10	
4	Relevance of Innovation to the needs of DA & FE	20	
5	Impact of the Innovative project on Sustainability of Agriculture and Empowerment of Farmers, especially Smallholder Farmers in Odisha	20	
	Total	100	

Annexure-II

FORMAT FOR THE SUBMISSION OF PROPOSALS

PART I: PROJECT SUMMARY

1. Name of the Project:

2. Project Objectives:

(With the highlights of the innovativeness of the proposed project)

3. Context & Relevance:

(Justification for why the project is being proposed as an innovative Project)

4. Methodology of Implementation:

5. Roles and Responsibilities of different stakeholders

6. Deliverables and their Expected Impact (*In bullet form*):

(With some details of the target beneficiaries to be covered by this project: a. Total number of beneficiaries to be covered: b. Profile of the beneficiaries: these may be SCs, STs, minorities, and vulnerable groups, etc.)

7. Project Cost & Period

PART II: IMPLEMENTING AGENCY DETAILS

Upon selection of a project, the National/International Institution /Organization will be intimated to provide the following:

1. 1. Name & Contact details of the Project Proponent, Implementing Agency:
2. Legal status of the Implementing Agency: [e.g. registration status and details]
1. 3. Last 3 year's audited financial statements (in annexure):
4. Bank details of the Implementing Agency to which funds are to be released:

PART III: PROJECT IMPLEMENTATION & MONITORING DETAILS

1. Project Strategy: [Specify here the manner in which the project will achieve the goals and key outcomes proposed]
2. Key outcomes of the project: [specify here the expected benefits/impact of the project in terms of indicators such as the increased reach of social mobilization, increase in income of the target group, sustainability of enterprise of the target group, increased reach of credit facilities to the target group, increase in efficiency (time and cost), etc.]
3. Role of partner agencies (if any): [this could include line departments, and any other stakeholder institution — clearly indicate their responsibilities and their impact on the project]
4. Modalities for implementation of the project: [describe here how various inputs such as technical inputs, raw materials, infrastructure development, marketing, training, etc., will be secured and managed]
5. Benchmark survey for indicators on the basis of which the project would be implemented, monitored and evaluated
6. Quarter-wise Action Plan / Milestones for implementation:

PART IV: FINANCE

1. This section should focus on the cost estimates, budget for the project, and means of financing and phasing of expenditure.

FORM OF UTILIZATION CERTIFICATE

SL No.	Letter No. and date	Amount
	Total	

Certified that out of Rs.....of grants in-aid sanctioned during the year..... in favour of..... Under this / Department Letter No. given in the margin and Rs. ----- on account of the Unspent balance of the Previous year, a sum of Rs-----, has been utilized for the purpose of----- ---for which it was sanctioned and that the balance of Rs..... Remaining Unutilized at the end of the year has been surrendered to Government (vide No. ----- -, dated----- it will be adjusted towards the grants-in-aid payable during the next year-----remaining Unutilized at the end of the year has been surrendered to Government (vide No. ----- -, dated----- it will be adjusted towards the grants-in-aid payable during the next year-----

1. The Utilization Certificate should also disclose whether the specified, quantified and qualitative targets that should have been reached against the amount utilized were in fact reached, and if not. The reasons thereof. They should contain an output-based performance assessment instead of an input-based performance assessment.
2. Certified that I have satisfied myself that the conditions on which the grants-in-aid were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised

- 1.
- 2.
- 3.

Signature.....

Designation.....

Date.....