

## **Convergence of Agricultural Interventions in Maharashtra (CAIM)**

Programme Management Unit, Sahakar Sankul, Kanta Nagar , Camp , Amravati. Pin - 444602

Phone no. 0721-2552475

### **Inviting Application for the Individual Consultants**

**Date: 12th March 2018** Govt. of Maharashtra is implementing "Convergence of Agricultural Interventions in Maharashtra (CAIM)" Programme in Amravati, Akola, Buldhana, Washim, Yavatmal and Wardha districts with the financial Assistance from IFAD and SRTT.

The project would like to individual consultants to conduct Studies under Project.

Sr. No.	Name of Study	Required Qualification	Assignment duration	Required Experience	Honorarium
1	Consultant for Study of Dairy Support	Master's degree in Dairy Production, Animal Husbandry, Livestock Management, or in a related field from recognized university	50 days	At least seven year experience in relevant field after completing Masters degree	Rs 175,000/-
2	Consultant for Study of Backyard Poultry Support	Master's degree in Poultry Production, Animal Husbandry, Livestock Management, or in a related field from a recognized university	50 days	At least seven year experience in relevant field after completing Masters degree	Rs 175,000/-
3	Consultant for Study of LEISA Including Better Cotton Initiative	Master's degree in Farming Systems, Agronomy, Agricultural Economics (all with Bachelor's degree in Agriculture), or in a related field from a recognized university,	70 days	At least seven year experience in relevant field after completing Masters degree	Rs 300,000/-
4	Consultant for Study of Contract Farming	Master's degree in Farming Systems, Agronomy, Agricultural Economics (all with Bachelor's degree in Agriculture), or in a related field from a recognized university	60 days	At least seven year experience in relevant field after completing Masters degree	Rs 225,000/-
5	Consultant for Study of Dalmill established	Master's degree in Development Economics, Entrepreneurial Economics, Industrial Economics, Agricultural Economics (all with Bachelor's degree in Economics, Agriculture), or in a related field from a recognized university.	50 days	At least seven year experience in relevant field after completing Masters degree	Rs 175,000/-

For eligibility details and to download prescribed application form please visit [www.msamb.com](http://www.msamb.com). Eligible candidates must send their application strictly in prescribed template on above mentioned address / or email on [caim\\_pmu@msamb.com](mailto:caim_pmu@msamb.com) on or before 5<sup>th</sup> April 2018.

**Note-Only shortlisted candidates will be called for the personal interview.**

Final Decision regarding interview call lies with selection authority.

Project Director-CAIM  
Divisional Commissioner, Amravati

Size – 8x10= 80 C.m.

#### **IMPORTANCE NOTES:**

- 1) If candidate is willing to apply by e-mail; he/she should send the application only in ".doc, .docx, .pdf" file formats. No other formats (\*.jpg,\*.png etc.) will be accepted.
- 2) Candidates need not send any other document except the filled application in prescribed format.

Project Director-CAIM  
Divisional Commissioner, Amravati

# **Thematic studies to be conducted as a part of project completion by Convergence of Agricultural Interventions in the distressed districts of Maharashtra Programme (CAIM)**

## **Draft Advertisement**

CAIM, a project being implemented with funding from the Government of Maharashtra and IFAD intends to carry out thematic studies covering: (i) dairy support; (ii) backyard poultry support; (iii) LEISA including Better Cotton Initiatives; (iv) contract farming; (v) Dal mill establishment. The detailed terms of reference can be downloaded from the project web site [www.msamb.com](http://www.msamb.com)

Interested applicants should submit their application with details of their qualification and experience along with copies of reports prepared by the applicants to demonstrate their experience in preparing such studies to the Project Director, Project Management Unit (PMU), CAIM, First Floor, Office of the SahkarSankul, KantaNagar, Camp Amravati-444602 Maharashtra.

The deadline for submission of applications is 5<sup>th</sup> April 2018

## **Terms of reference for the thematic studies**

### **Framework of Assignment**

Convergence of Agriculture Interventions in Maharashtra (CAIM) project intends to conduct five thematic studies. They include: (i) Dairy support; (ii) Backyard poultry support; (iii) LEISA including Better cotton initiative; (iv) contract farming; and (v) Dal mill establishment. These interventions were implemented in Wardha, Amravati, Yavatmal, Washim, Akola and Buldhana districts of Maharashtra. This project's main objectives include: (i) improving household incomes from diversified farming and from off-farm activities; (ii) rendering farming systems resilient with the introduction of organic and low-input farming; (iii) facilitating the involvement of farmers groups in primary processing, quality enhancement and marketing; (v) empowering women through micro-finance and micro-enterprises; and (vi) achieving convergence of government programs and resources. CAIM intends to engage individual consultants to conduct the above mentioned thematic studies reporting to the Project Director, Project Management Unit, CAIM, Amravati, Maharashtra

The selected consultant will have to collect secondary data from the PMU and DPMTs, collect primary data through a structured questionnaire, undertake focus group discussions with the beneficiaries and conduct interviews with the project officials and project implementation partners to prepare the thematic study. This shall be followed by data analysis, and interpretation of the inferences drawn from the data collected from various sources and preparation of a detailed thematic study report.

Structure of the report: Each thematic study shall include: (i) Introduction- brief background of the project and the initiative; (ii) Rationale for the initiative; (iii) Target group and their needs including outreach; (iv) Development/implementation process including process map (flow chart that describes the operational steps) and details of operational steps with time line; (v) Roles of different institutions/partners; (vi) Key features; (vii) Challenges /Issues faced; (viii) Contributing factors for the success (including individual case studies); (ix) best practices that can be replicated; and (x) Impact and lessons including lessons for policy makers.

### **Thematic study # 1: Dairy Support**

#### **A. Deliverable**

Prepare and submit a report within 50 days from the date of start covering the following:

1. Rationale for implementing the intervention.
2. Target group of the intervention and total outreach in terms of benefitting beneficiaries of dairy interventions which includes purchase of dairy animals, establishment of milk collection centres, fodder development interventions and para vet interventions.

3. Development/Implementation processes adopted by the project, process map, operational steps and timelines – their efficiency and effectiveness.
4. Role of different institutions and partners in implementing the intervention – their efficiency and effectiveness.
5. Key features of the intervention with strengths and weaknesses in the currently practiced dairy intervention activities.
6. Challenges and issues faced by the project implementation agencies and partners and also by the beneficiaries.
7. Contributing factors for the success and failure (including small individual case studies of both success (2 case studies) and failure (1 case study)).
8. Best practices and innovations of the project while implementing the intervention– their efficiency and effectiveness and opportunities for scaling up these best practices and innovations.
9. Sustainability of the dairy enterprise beyond CAIM project life, especially with respect to enlarging the existing units and factors that create a conducive environment to scaling up of dairy production enterprise by rural communities in Maharashtra state.
10. Costs, benefits and return on investment of each of the activities related to purchase of dairy animals, establishment of milk collection centres and fodder development.
11. Impact of the project intervention on the participating households.
12. Lessons learned from both policy and implementation perspective while implementing the project interventions.

## **B. Consultant's Profile**

Should have a Master's degree in Dairy Production, Animal Husbandry, Livestock Management, or in a related field from a recognized university.

At least seven year experience after completing Masters degree. Experience in dairy production will be an advantage as evidenced by studies related to dairy sector.

Proven ability to conduct studies, analyze data, integrate information and synthesize and produce technical reports.

## **C. Terms of Assignment**

**Assignment Period:** A period of 50 days for the study is allocated which includes 20 days for field visit and data collection and the balance for 30 days for home based report writing. The report will have to be submitted within 50 days from the date of start of assignment.

**Honorarium:** Rs 175,000 for each thematic study payable upon submission of a report of acceptable quality.

**Travel and other expenses:** Actual travel costs and in addition actual board and lodge costs not exceeding Rs 4,000 per day will be reimbursed for 20 days of field visit for the Consultant engaged for each thematic study. Local travel within the project area and facilitation will be arranged at no cost by the project.

## **Thematic study # 2: Backyard Poultry**

### **A. Deliverables**

Prepare and submit a report within 50 days from the date of start covering the following:

1. Rationale for implementing the intervention.

2. Target group of the intervention and total outreach in terms of benefitting beneficiaries of the backyard poultry interventions which includes purchase of poultry birds, poultry sheds, and egg marketing and para vet interventions.
3. Development/Implementation processes adopted by the project, process map, operational steps and time lines - their efficiency and effectiveness.
4. Role of different institutions and partners in implementing the intervention – their efficiency and effectiveness.
5. Key features of the intervention with strengths and weaknesses in the currently practiced backyard poultry intervention activities as adopted by the farmers and their solutions, including the feeding regimes, stocking density, poultry health, hatchery management aspects.
6. Contributing factors for the success and failure (including small individual case studies of both success (2 case studies) and failure (1 case study)).
7. Best practices and innovations of the project while implementing the intervention– their efficiency and effectiveness and opportunities for scaling up these best practices and innovations.
8. Sustainability of the backyard poultry interventions beyond CAIM project life, especially with respect to enlarging the existing units and factors that create a conducive environment to scaling up of backyard poultry enterprise by rural communities in Maharashtra state.
9. Costs, benefits and return on investment of each of the activities related to back yard poultry intervention and egg marketing.
10. Impact of the project intervention on the participating households.
11. Lessons learned from both policy and implementation perspective while implementing the project interventions.

## **B. Consultant's Profile**

Should be holder of a Master's degree in Poultry Production, Animal Husbandry, Livestock Management, or in a related field from a recognized university.

At least seven year experience after completing the Masters degree. Experience in poultry production will be an advantage.

Proven ability to conduct studies, analyze data, integrate information and synthesize and produce technical reports.

## **C. Terms of Assignment**

**Assignment Period:** A period of 50 days for the study is allocated which includes 20 days for field visit and data collection and the balance for 30 days for home based report writing. The report will have to be submitted within 50 days from the date of start of assignment.

**Honorarium:** Rs 175,000 for each thematic study payable upon submission of a report of acceptable quality.

**Travel and other expenses:** Actual travel costs and in addition actual board and lodge costs not exceeding Rs 4,000 per day will be reimbursed for 20 days of field visit for the Consultant engaged for each thematic study. Local travel within the project area and facilitation will be arranged at no cost by the project.

## **Thematic study # 3: LEISA and Better Cotton Initiative**

### **A. Deliverables**

Prepare and submit a report within 70 days from the date of start covering the following:

1. Rationale for implementing the interventions: (i) LEISA other than BCI; (ii) Better Cotton Initiative, (iii) organic cultivation; and (iv) other better agronomic practices adopted by the project worked out separately for cotton and other crops (chick pea, pigeon pea and soybean)
2. Target group of the intervention and total outreach in terms of benefitting beneficiaries of the LEISA other than BCI, Better Cotton Initiative, organic cultivation and other better agronomic practices adopted by the project worked out separately for cotton and other crops (chick pea, , pigeon pea and soybean)
3. Development /Implementation processes, process map, operational steps and time lines adopted by the project for each of the LEISA activities (LEISA other than BCI, Better Cotton Initiative, organic cultivation and other better agronomic practices) for cotton and other crops separately – their efficiency and effectiveness.
4. Role of different institutions and partners in implementing the intervention – their efficiency and effectiveness.
5. Key features of the interventions with strengths and weaknesses in the currently practiced LEISA other than BCI , Better Cotton Initiative, organic cultivation and other better agronomic practices adopted by the project worked out separately for cotton and other crops (chick pea, pigeon pea and soybean) intervention activities.
6. Contributing factors for the success and failure (including small individual case studies of both success (4 case studies) and failure (2 case studies).
7. Performance of cotton production farming systems using LEISA interventions (LEISA other than BCI, Better Cotton Initiative, organic cultivation and other better agronomic practices) as currently being practiced by the participating farmers on cotton crop productivity, cropping intensity (through mix cropping, intercropping), cost of cultivation and famers' income.
8. Performance of other crop (chick pea, pigeon pea and soybean) production farming systems using LEISA interventions (LEISA other than BCI, organic cultivation and other better agronomic practices) as currently being practiced by the participating farmers on productivity, cost of cultivation and famers' income.
9. Challenges / issues in the current cotton production system as adopted by the farmers, including the use of pest and disease susceptible cotton varieties, use of bt on hybrids against bt on pure line varieties, non-use of refugia varieties, alternative host crops and other organic practices and possible solutions to these challenges.
10. Best practices and innovationsof the projectwhile implementing in each of the LEISA activities (LEISA other than BCI, Better Cotton Initiative, organic cultivation and other better agronomic practices) – their efficiency and effectiveness and opportunities for scaling up these innovations.
11. Sustainability of the LEISA practices (LEISA other than BCI, Better Cotton Initiative, organic cultivation and other better agronomic practices) beyond CAIM project life, especially with respect to enlarging the current scale of operations with factors that create a conducive environment for scaling up by the rural communities in Maharashtra state.
12. Impact of the project intervention on the participating households.
13. Lessons learned from both policy and implementation perspectivewhile implementing the project interventions such as BBF, organic pest control practices, use of pheromones, In addition, forward linkages, such as with the ginner, and initiatives like cotton to cloth should also be included in this assessment etc., that guide replication and scaling up of these interventions.

## **B. Consultant's Profile**

Should be holder of a Master's degree in Farming Systems, Agronomy, Agricultural Economics (all with Bachelor's degree in Agriculture), or in a related field from a recognized university,

At least seven year experience after completing master's degree program. Experience in Cotton production will be an advantage.

Proven ability to conduct studies, analyze data, integrate information and synthesize and produce technical reports. Local travel within the project area and facilitation will be arranged at no cost by the project.

### **C. Terms of Assignment**

**Assignment Period:** A period of 70 days for the study is allocated which includes 40 days for field visit and data collection and the balance for 30 days for home based report writing. The report will have to be submitted within 70 days from the date of start of assignment.

**Honorarium:** Rs 300,000 for each thematic study payable upon submission of a report of acceptable quality.

**Travel and other expenses:** Actual travel costs and in addition actual board and lodge costs not exceeding Rs 4,000 per day will be reimbursed for 40 days of field visit for the Consultant engaged for each thematic study.

## **Thematic study # 4: Contract Farming**

### **A. Deliverables**

Prepare and submit a report within 60 days from the date of start covering the following:

1. Rationale for implementing the intervention.
2. Target group of the intervention and total outreach in terms of benefitting beneficiaries of the contract farming activities by crop implemented by the project.
3. Development/Implementation processes adopted by the project, process map, operational steps and time lines - their efficiency and effectiveness.
4. Role of different institutions and partners in implementing the intervention – their efficiency and effectiveness.
5. Key features of the intervention with strengths and weaknesses in the currently practiced contract farming intervention activities.
6. Contributing factors for the success and failure (including small individual case studies of both success (3 case studies) and failure (1 case study)).
7. Performance of contract farming systems for each of different crops including seed production contract farming including crop production cost, purchase agreement by the buyer, quality uniformity assurance of the produce, purchase price and farmer's income on unit land under contract farming.
8. Best practices and innovations of the project in contract farming interventions – their efficiency and effectiveness and opportunities for scaling up these best practices and innovations.
9. Impact of the project intervention on the participating households.
10. Lessons learned from both policy and implementation perspective while implementing the contract farming activities that guide replication and scaling up of these interventions.

### **B. Consultant's Profile**

Should be holder of a Master's degree in Farming Systems, Agronomy, Agricultural Economics (all with Bachelor's degree in Agriculture), or in a related field from a recognized university,

At least seven year experience after completing master's degree program. Experience in managing contract farming activities will be an advantage.

Proven ability to conduct studies, analyze data, integrate information and synthesize and produce technical reports.

### **C. Terms of Assignment**

**Assignment Period:** A period of 60 days for the study is allocated which includes 30 days for field visit and data collection and the balance for 30 days for home based report writing. The report will have to be submitted within 60 days from the date of start of assignment.

**Honorarium:** Rs 225,000 for each thematic study payable upon submission of a report of acceptable quality.

**Travel and other expenses:** Actual travel costs and in addition actual board and lodge costs not exceeding Rs 4,000 per day will be reimbursed for 30 days of field visit for the Consultant engaged for each thematic study. Local travel within the project area and facilitation will be arranged at no cost by the project.

### **Thematic study # 5: Dal-Mill Establishment**

#### **A. Deliverables**

Prepare and submit a report within 50 days from the date of start covering the following:

1. Rationale for implementing the intervention.
2. Target group of the intervention and total outreach in terms of benefitting beneficiaries of the Dal Mill intervention in terms of both direct (those own and manage the unit) and indirect beneficiaries (those using the unit on user charge / job-work basis and those aggregating the produce and selling after making dal).
3. Development/Implementation processes adopted by the project, process map, operational steps and time lines - their efficiency and effectiveness.
4. Role of different institutions and partners in implementing the intervention – their efficiency and effectiveness.
5. Key features of the intervention with strengths and weaknesses in the currently practiced dal mill intervention.
6. Contributing factors for the success and failure (including small individual case studies of both success (2 case studies) and failure (1 case study)).
7. Best practices and innovations of the project while implementing the intervention – their efficiency and effectiveness and opportunities for scaling up these best practices and innovations.
8. Challenges / issues in the current dal mill operating environment, especially in relation to the potential capacity utilization of the dal mills and their current operational level - and proposed solutions to the identified challenges / issues.
9. Sustainability of the dal mill initiative beyond CAIM project life, especially with respect to enlarging the existing units and introducing own packaging and retailing, the selling and factors that create a conducive environment to scaling up of dal mill enterprise by rural communities in Maharashtra state.
10. Costs, benefits and return on investment separately for the owners and management team.
11. Impact of the project intervention on the participating households.
12. Lessons learned both policy and implementation perspective while implementing the project interventions that guide replication of these interventions.

#### **B. Consultant's Profile**

Should be holder of a Master's degree in Development Economics, Entrepreneurial Economics, Industrial Economics, Agricultural Economics (all with Bachelor's degree in Economics, Agriculture), or in a related field from a recognized university.

At least seven year experience after completing master's degree program. Experience agro-processing industry will be an advantage.

Proven ability to conduct studies, analyze data, integrate information and synthesize and produce technical reports.

### **C. Terms of Assignment**

**Assignment Period:** A period of 50 days for the study is allocated which includes 20 days for field visit and data collection and the balance for 30 days for home based report writing. The report will have to be submitted within 50 days from the date of start of assignment.

**Honorarium:**Rs 175,000 for each thematic study payable upon submission of a report of acceptable quality.

**Travel and other expenses:**Actual travel costs and in addition actual board and lodge costs not exceeding Rs 4,000 per day will be reimbursed for 20 days of field visit for the Consultant engaged for each thematic study. Local travel within the project area and facilitation will be arranged at no cost by the project.