



# Bidhan Chandra Krishi Viswavidyalaya

"Post Harvest Processing of Marigold and other Flowers for Income Generation of the Farming community in West Bengal" (Project Code -12113)

## Directorate of Research

Kalyani, Nadia- 741235 (W.B)

**From: Dr. Suhrita Chakrabarty (Das)**  
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## Tender Notice

Ref. No. RKVY/ MG/ 2022-BOQ-5

Dated : 29.07.2022

Rates are invited from the eligible vendors having good credential GST/IT clearance in sealed cover for supply of the following items for the project -"Post Harvest Processing of Marigold and other Flowers for Income Generation of the Farming community in West Bengal" funded by RKVY, RAFTAAR, at Directorate of Research, Bidhan Chandra Krishi viswavidyalaya, Kalyani-741235, Nadia, W.B. The quotations should reach to the office of the undersigned at Directorate of Research, Bidhan Chandra Krishi Viswavidyalaya, Kalyani-741235, Nadia, W.B., within 15 days from the date of publication of the notification

Sl. No.	Name of the Item/ Equipment	Qty.	Details Specification
1.	Service from Training Providers (TPs) for providing training on survey, exposure visit, value chain analysis, market linkage, FIG (Farmers interest Group) formation etc. for the Project	<b>DELIVERABLES</b> At the end of the programme, at least <b>Two (2) FIG-s with subsequent bank account with efficient entrepreneurial and managerial capacity</b> in the field of agriculture and/or it's allied sectors with special emphasis to produce and market marigold processed powder. <b>TOTAL NO OF TRAINEE DAYS : Minimum 720 (Seven hundred and twenty only).</b> However, the PI may increase/ decrease the no. of prospective trainee days as per availability of fund.	Invitation for Expression of Interest (EOI) from Interested Training Providers (TPs) for providing training on survey, exposure visit, value chain analysis, market linkage, FPO formation etc. for the Project <b>(Details of EOI is attached in Annexure-I)</b>

**Terms & Conditions:** The following documents are to be submitted for Technical Bid at the time of submission of the EOI

- Certificate of Registration / Incorporation
- Recognized / Accredited by whom.
- Memorandum of Article
- Copy of PAN
- Copy of last 3 (three) years audited financial statements.
- Copy of GST Registration Certificate
- Income Tax exemption certificate – if any.
- Number of FIG-s/FPO-s formed and trained so far with proof

Quotations must specify the terms and conditions for supply including warranty where applicable and the rates should be quoted per unit basis inclusive of all taxes which should be mentioned clearly. The University reserves the right to reject or accept any quotation without assigning any reason what so ever.

*As per decision of the 20th LTC meeting held on 29/07/2022, the tender notice is approved for uploading in the University website.*

*Forwarded to the Registrar*

*29/7/22*

Thank you

*Suhrita Chakrabarty*  
Prof Suhrita Chakrabarty

*Reg.*

## **Annexure-I**

### **Details of Expression of Interest (EOI)**

#### **Name of the Scheme:**

**Expression of Interest (EOI) from Interested Training Providers (TPs) for providing training on survey, exposure visit, value chain analysis , market linkage, FIG formation etc. for the Project named “Post Harvest Processing of Marigold and other Flowers for Income Generation of the Farming community in West Bengal” funded by RKVY, RAFTAAR, at Directorate of Research, Bidhan Chandra Krishi Viswavidyalaya (BCKV), Mohanpur-741252, Nadia.**

#### **Introduction:**

Marigold (*Tagetes erecta* ) is the leading loose flower of India and most commonly grown flower of West Bengal having more than 58000 MT of production per year. It is one of the major sources for **lutein (a special pigment)** which is a major component of eye medicine that helps to protect macular degeneration. Lutein is also having demand as antioxidants and for preparing cancer preventive medicines or supplements. **Global Lutein Market** was valued as **USD 288.41** Million in 2019 and is expected to reach at **USD 463.16 Million by 2027** at a **CAGR of 6.10%** over forecast period 2020-2027.

Year round cultivation of marigold is being practiced by thousands of small and marginal farmers of West Bengal. However, there are certain challenges in marigold cultivation like huge wastage ranging from 10 to 30% as per available data. Next is extremely high range of price fluctuation which may be Rs. 12/kg to 120/kg as per demand of the market. Finally lack of product diversification is a great challenge as loose flowers and floral chains are only two major products in the present market.

These challenges led to identify some specific gaps like lack of **post harvest processing model for production of value added products from marigold at farmers' field**. To mitigate these challenges the Department of Agriculture, Government of West Bengal has taken an initiative through a project named as **“Post Harvest Processing of Marigold and other Flowers for Income Generation of the Farming community in W.B”**. The project is funded by Rastriya Krishi Vikash Yojana ( RAFTAAR) and implemented by Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia. The major objective of this project was to **strengthen income generation options for the farmers through alternative use of marigold by production of flower powder/pellets** to be used for lutein extraction. **Farmers** producing marigold and **potential rural youths** eager for start up business enterprises **are the major beneficiaries of the project.**



**Broad Objective:**

- 2 To **develop functional infrastructure** for production of marigold powder/pellets to be used for lutein extraction and production of other value added products from different flowers
- 3 Utilization of waste flowers to make some useful products through processing
- 4 To **strengthen the farmers' efforts through creation of required post- harvest infrastructure.**
- 5 To **promote value chain addition linked production models** that will help farmers increase their income as well as encourage rural start ups.
- 6 To **mitigate risk of farmers growing** flowers with focus on additional income generation

**1.3.1 Specific objectives:**

- a. To equip the trainees with Market-driven production mechanisms.
- b. To provide knowledge on post-harvest management and value addition of marigold and other flowers.
- c. To develop young dynamic youth as entrepreneur who can be linked to different market intervention programs conducted by Department of Agricultural Marketing.
- d. To impart high level practical training supported by field-based activities through effective linkages.
- e. To impart skills to promote and upscale agribusiness models through formation of Groups and development of entrepreneurship through Business Development Models.

**Project Target Group:**

The Training will be focusing on 120 to 150 selected farmers of Nadia district, who have successfully completed the **Basic training on Marigold fermentation during the F.Y 2021-22**. The PI of the Project named **“Post Harvest Processing of Marigold and other Flowers for Income Generation of the Farming community in West Bengal”** funded by RKVY, RAFTAAR, at Directorate of Research, Bidhan Chandra Krishi Viswavidyalaya (BCKV), Mohanpur-741252, Nadia will be the final authority for selection of the candidates for the training program however; the Training Provider may be required to facilitate the selection procedure.

**Scope of Work:**

- 1) Conducting training at Ranaghat, Nadia as and when required in association and technical guidance from the PI.
- 2) Conducting exposure visit at selected places
- 3) Conducting value chain analysis and relevant analysis of market information,
- 4) Formation of FIG-s ( Farmers Interest Groups) of Marigold farmers ( Minimum 2 involving

10-15 farmers per group).

- 5) Hand holding the farmers for product promotion
- 6) Handholding with market linkage and relevant accounts maintenance
- 7) The Training Provider has to extend all post training assistance for the next one year after completion of the training program, which includes mandatory and desirable supports as mentioned in the point 1-6 of the TOR.
- 8) Training Provider shall have to strictly maintain all safety measures and protocols for COVID-19 as issued and amended by State/central Govt. time to time

#### **PROJECT TARGET GROUP**

The Training will be focusing on maximum 120 farmers, who have successfully completed the **06 days Basic training on Marigold processing**.

#### **TOTAL NO OF TRAINEE DAYS :**

**Minimum 720 (Seven hundred and twenty only).** However, the PI may increase/decrease the no. of prospective trainees.

#### **DELIVERABLES**

At the end of the programme, at **least Two (2) Farmers Interest Groups (FIG)-s** with subsequent bank account with efficient entrepreneurial and managerial capacity in the field of agriculture and/or its allied sectors with special emphasis to produce and market marigold processed powder is expected to emerge

**Time: Within maximum 3 months ( 120 days) from receiving the work order**

**Documents to be submitted for the Technical Bid:** The following documents are to be submitted for Technical Bid at the time of submission of the EOI

- Certificate of Registration / Incorporation
- Recognized / Accredited by whom.
- Memorandum of Article
- Copy of PAN
- Copy of last 3 (three) years audited financial statements.
- Copy of GST Registration Certificate
- Income Tax exemption certificate – if any.
- Number of FIG-s/FPO-s formed and trained so far with proof

#### **Parameters for Selection of Training Provider:**

Organizations conducted similar kind of training program with the departments under Govt. of West Bengal/BCKV, shall be given preference as per the following table:

Training Program Conducted (No of	1-3	4-6	6-10
With GOWB and /or BCKV	1-3	4-6	6-10
With Agri Allied departments of GOWB	1-3	4-6	6-10
With other departments of GOWB	1-3	4-6	6-10

For experience of formation of Groups/association/company preference shall be given as per the following table:

Experience (No of	<50	50-100	>100
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Preferably have conducted agribusiness directly or indirectly including **agri-input and output management**. For key personal, maximum 5 CVs for conducting the activities are to be submitted.



**Selection:** The Training Provider shall be evaluated based on the above set of parameters technically. The applicant shall have to furnish all information / documents / proofs for the purpose of evaluation. Final selection of the technically qualified applicants will be done through Cost Based System only.

**Special terms and condition:**

1. A selected Organisation will be asked to provide an undertaking that their organization has not been black listed by any Government agency.
2. A selected Organisation will be asked to submit quarterly reports on the progress achieved and the utilization of funds. On satisfactory execution of the project during funding quarters, funding for subsequent two quarters would be given.
3. On the completion of a financial year the selected Organisation would submit an audited annual statement of accounts and a report on physical progress achieved during the year. The audit of the project will be conducted by Bose Institute appointed auditor and Bose Institute will bear all the expenditure in this respect.
4. Selected Organisations must cooperate with BCKV project members during field visit, project monitoring and accounting inspection. The Organisation must agree to receive training at BCKV campuses regarding implementation of the project and technological aspects.
5. A selected Organisation must conform to the general terms and conditions and any other instructions as may be issued by BCKV from time to time. In this regard, an applicant Organisation must submit an undertaking to this effect at the time of submission of the EOI.

Sl. No.	Criteria
	Sub-criteria
1	Past experience of the consultant ( track record)
	<ul style="list-style-type: none"> <li>• Number of years' relevant experience</li> <li>• Past experience of studies of similar nature</li> <li>• Past experience in carrying out <ul style="list-style-type: none"> <li>♦ Studies in the related sector</li> <li>♦ Studies carried out in the region</li> </ul> </li> </ul>
2	General profile of qualification, experience and number of key staff (not individual CVs)
	<ul style="list-style-type: none"> <li>• Qualifications</li> <li>• Relevant experience</li> </ul>
3	Overall financial strength of the consultant in terms of turnover, profitability and cash flow (liquid assets) situation
	Turnover figure for last three years.
	Net profit figure for last three years

**CONFIDENTIALITY**

All deliberations relating to the assignment including all information collected from various meetings/ documents, primary and secondary data etc. shall be kept confidential and shall not be divulged to any third party either verbally or in writing or in electronic form or in any other form.

  
Prof Suhrita Chakrabarty