

iCARE Innovation Fund

High Throughput Crop Monitoring using

Computer Vision for Climate Smart

Agriculture

Monthly Progress Report

Prepared by Dr Saqib Ali/Prof. Dr Sultan Habibullah Khan
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Security, University of Agriculture, Faisalabad, Pakistan.

1. Project Information

Project Title:	High Throughput Crop Monitoring using Computer Vision for Climate Smart Agriculture
Project Code:	A-05177-
Partner Organisation:	Centre for Advanced Studies in Agriculture and Food Security, University of Agriculture Faisalabad, Pakistan Guangzhou Institute of Software Application Technology, P.R. China
Reporting Period:	Mar 01, 2024 to Mar 31, 2024
Date of Submission:	April 05, 2024
Contact Name:	Project Manager - Prof. Dr. Sultan Habibullah Khan
Contact Position:	Centre for Advanced Studies in Agriculture and Food Security, University of Agriculture Faisalabad, Pakistan
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Status of project progress in this reporting period	<input type="checkbox"/> Significant delay <input type="checkbox"/> Delay <input checked="" type="checkbox"/> On Track
Report sign Off	<input checked="" type="checkbox"/> I have reviewed all the information provided for each section including number of beneficiaries. The information provided for each section of the report is complete. Name: _____ Designation: _____

2. Key Achievements

1. Selection process for the positions of Engineer and Web/software developer completed, shortlisted candidates are currently at the stage of approval of the competent authority.
2. DPL (Data Entry Operator) recruitment process completed but the incumbent did not join. The position has been readvertised.
3. Bids for equipment procurement have been successfully opened and suppliers rigorously evaluated. Acceptance and rejection letters have been sent to the bidders. Supply orders will be issued this month.
4. Backend development for the online platform has commenced. Existing team members have been allocated with responsibilities to initiate backend development tasks, demonstrating our commitment to progress despite joining of new staff.

3. Implementation Progress

Activity Title	Last Month Progress	Current Month Progress	Activities, and Events, planned for the subsequent month
Output 1.1.: Recruiting staff for a project	Screening and Interviews of Engineer and Web Developer – Conducted.	A committee has been established to fast track hiring process. Interviews/selection for the position DPL (Data Entry Operator) completed, appointment letter issued but the candidate did not join. Post readvertised.	Appointment orders will be issued for Engineer and Web Developer. Selection process for DPL will be completed.
Output 1.2.: Procurement of project equipment	Tender published in the National Press. Completed	Vendors have been evaluated and supply orders against tender will be issued this month.	Supply Orders will be issued to qualifying bidders.

4. Results Framework Indicators Progress

PDO Indicator Description: Government agencies and Citizens who have access to climate-resilient solutions tested under the project				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1 Government Agency and 200 citizens (100 male and 100 female)			2 Government Agencies and 500 male and 500 female citizens.
Date				
Comments				
Outcome 1 Indicator Description:				
Value				
Date				
Comments				
Output 1 Indicator Description:				
Value				
Date				
Comments				

5. Challenges, Lessons Learned and Way Forward

Annexures:

Annex -1

<https://web.uaf.edu.pk/UploadFiles/Tenders/51c8dd5e-767f-4ca5-9d57-6a3b9c8c3bd8.pdf>



UNIVERSITY OF AGRICULTURE, FAISALABAD (TENDER NOTICE No.13/2024)

The prospective bidders having Income Tax, General Sales Tax, Provincial Sales Tax (if applicable) registered with relevant authority/department are invited to submit sealed tenders on the basis of Single Stage (two envelop procedure) for purchase of Equipment under project titled “**High Throughput Crop Monitoring using Computer Vision for Climate Smart Agriculture**” (in accordance with the bidding document) for the Center for Advanced Studies in Agriculture and Food Security (CAS-AFS) at University of Agriculture, Faisalabad.

Date of Receiving and Opening	14.03.2024	Receiving Time	11:00 a.m.
		Opening Time	11:30 a.m.
		Bid Security	2% of the Estimated Cost
		Tender Fee	Rs.1000/- (Free, if Download)
* Link for free Download: http://uaf.edu.pk/directorates/dpiv/dpiv_tenders.html			

1. The prospective bidder may download the bidding document carrying all details free of cost at the *link mentioned above or may have bidding document from the **Directorate of Procurement & Inventory Control (DPIC), University of Agriculture, Faisalabad (UAF)** subject to production of deposit receipt of Rs.1000/- in the University Income Account (No.11-9/NBP, UAF Branch). The bidders shall drop the bids in the Tender Box or sent through Courier as per schedule. The bids will be opened at **DPIC** as per date & time mentioned above.

2. The UAF will not be responsible for any cost or expense incurred by the bidder in connection with the preparation or delivery of bids. In case of official holiday on the day of submission, the next day will be treated as closing date.

Note: The bid must be dropped in the Tender Box available in Director Room and not to be handed over to any person of the Directorate if the bid is sent by in person or through post, the same instructions be passed on to the Courier.

DIRECTOR (DPIC)
(For & On behalf of the Committee)
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Glossary

Project Title	means	Exact and full name of the project as defined in the Sub Grant Agreement
Project Code	means	A five-digit code assigned by ADPC
Partner Organization	means	The lead agency(ies) responsible for the implementation of the project
Key Achievements	means	The actual outcome or impact of your work, such as reaching a PDO, or outcome or output defined in the final and agreed Results Framework.
Implementation Progress	means	Implementation progress means the steps or actions taken to achieve the PDO or outcomes or outputs. In this case it would be the list of activities defined in the final and approved work plan
Challenges	means	The most significant and persistent areas of risk that affect the project's ability to achieve its objectives. Challenges could be related to managing the Sub Grant, sustaining development gains, coordinating with stakeholders, and implementing core management functions. Please also discuss the solutions to mitigate these risks.
Lessons Learned	means	Lessons learned are contextual or operational information that may affect planning and future performance. They highlight the insights gained from the activity's implementation practices and progress, such as staff feedback, stakeholder interviews, data analysis, and success stories. They also include any changes required by or support requested from ADPC or partners.



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