



Rice science for a better world
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LETTER OF AGREEMENT

between

International Rice Research Institute (IRRI)

and

AVA Development Society (AVADS)

I. Project description

Project Title:	Evaluating the Impact of Stress-Tolerant Rice Varieties Through Remote Sensing and Econometric Methods: Phase 2
PLA ID:	C-2021-155
Agreement ID:	A-2015-117
Name and address of partner institution:	AVA Development Society (AVADS) Village: Gopalpur, Upazila: Lalpur, District: Natore
Name of IRRI Scientist/Project Leader and contact details:	Dr. Humnath Bhandari Country Representative - Bangladesh International Rice Research Institute (IRRI) Email: h.bhandari@irri.org
Collaborating scientists/position title/contact details:	Md. Mesbahul Haque Program Coordinator AVA Development Society Email: mesbahulh@gmail.com
Project Activities:	1 Partner will plan and conduct the survey work at the field level as per IRRI and Arizona State University survey guidelines (attached) in the IRRI's selected locations. 2 Will select qualified enumerators and train them for the purpose of data collection from the IRRI selected farmers and locations 3 Arrange/purchase all required stationeries and technical equipment for the enumerators for data collection. 4 Collect GIS data with appropriate measurements and send the data directly from the field to server. 5 Visit a number of rice and non-rice fields and collect a total of 750 points crop fields

International Rice Research Institute

IRRI is a member of the CGIAR Consortium

Mailing address DAPOBox 7777, 1301 Metro Manila, Philippines City and courier address Suite 1009, Security Bank Center, 6776 Ayala Avenue, 1226 Makati City, Philippines; Tel. +63 (2) 856-6133, 856-6129; Fax. +63 (2) 891-1236 Headquarters at Los Baños Tel. +63 (2) 580-5600, 845-0563; Fax. +63 (2) 580-5699, 845-0606 Email: info@irri.org

	geospatial tagging data (450 rice fields and 300 non-rice fields) from 3 districts of Bangladesh (Kurigram, Natore and Barisal) covering villages/HH where RMS survey was done. 6 Collect data for rice and non-rice crops grown in the Aman season. For non-rice crops, AVADS will collect all non-rice plots in the crop fields (but not very small plots and not homestead areas). 7 Collect all rice parcels/plots (but not very small plots). If a plot has two types of rice growing on it, or rice planted at different dates, then each sub-plot should be traced via GPS. 8 Conduct FGD and Key Informants Interview (KII) at the selected locations, if necessary. 9 Compile, check and edit collected data, and prepare technical and financial reports. 10 Perform other activities related to the project (upon decision of the project team)
Research Location (City and Country)	Kurigram, Natore and Barishal districts of Bangladesh
Commencement date:	24 October 2021
End date:	31 December 2021
Total budget:	BDT 2,150,000.00

II. Reporting Schedule

	Due Date	Report Type	Title of Report
1	15 December 2021	Technical	Final Progress Report
2	15 December 2021	Financial	Final Liquidation Report

III. Payment Schedule

	Currency	Amount	Due Date
1	BDT	1,650,000.00	Upon signing of the letter of agreement
2	BDT	500,000.00	Upon submission of the final progress and liquidation report.

- 3.1 Funds shall be used exclusively for the purpose of implementing the project activity. Within thirty (30) days after completion of the activity, **AVA Development Society** shall return to IRRI any unutilized funds, which must be reflected in the financial statements. Financial report must follow the template as in the attached Annex 1 certified correct by the partner's authorized signatory for Finance. All Financial reports must be submitted via email to the following email addresses: subgrantreports@irri.org.
- 3.2 First payment shall be processed upon receipt of the signed LOA, subject to availability of funds. Subsequent releases, if any, will be subject also to availability of funds from the CGIAR System Organization, liquidation of at least 75% of the released funds, satisfactory delivery of agreed outputs/milestones, and satisfactory narrative and financial reports.
- 3.3 The partner institution shall not spend more than the amount of this agreement unless seconded by an amendment.

IV. General conditions

- 4.1 Results of the collaborative research will be jointly published in the public interest, to maximize impact. In case one of the Parties decides to protect valuable Foreground IP, the Parties will agree on suitable timeframe for publication.
- 4.2 The recipient shall keep all the documents and records related to this grant for the period of four (4) years after termination of the grant. IRRI or its duly authorized representative shall, within the project and aforesaid periods, have access to any of recipient's records related to this agreement to monitor and conduct evaluation of operations which may include: a visit by personnel or designee to observe recipient's structure and a review of financial and other records for the purpose of conducting audits.

4.3 Intellectual Property Conditions

- i. All research materials used in the collaboration will be transferred using appropriate Material Transfer Agreements (hereinafter 'MTA') including SMTA¹ in line with CGIAR guidelines. Further, the transfer of biological materials, including breeding materials and germplasm, will be subject to pertinent stewardship, biosafety and bioprospecting laws, rules, and regulations. For incoming materials, IRRI may use such materials for non-commercial research and/or education purposes, and in this case, will give full credit to the source of the materials.
- ii. All Foreground IP, joint R&D results including data gathered in the course of, and as a result of, the implementation of the project such as, but not limited to reports, articles, research papers, data bases, tri-media presentations including joint R&D project outputs, joint R&D discoveries, joint R&D inventions and its digital copies (soft copies), shall be subject to the CGIAR Principles on the Management of Intellectual Assets ("CGIAR IA Principles")²:

Management of such IP shall also be in accordance with IRRI's Intellectual Property and Commercialization (IP&C) Policy.

¹ <http://www.fao.org/3/a-bc083e.pdf>),

² <https://library.cgiar.org/bitstream/handle/10947/4486/CGIAR%20IA%20Principles.pdf?sequ%20ence=1>

- iii. The ownership of the intellectual property that existed prior to the commencement of this LOA ("Background IP"), held by one Party, shall remain the full property of that Party, and shall not be altered or transferred by virtue of this Agreement. This LOA does not confer any right on the use of the Background IP of either Party.
- iv. IRRI and **AVA Development Society**, agree that the results of the collaborative research and/or the Foreground IP can be used:
 - a. for non-commercial research and training conducted by IRRI and by 3rd party public research institute (hereinafter referred to as "Research Exemption"); or
 - b. for use in the event of a national or regional food security emergency limited to the duration of the emergency (hereinafter referred to as "Emergency Exemption"); or
 - c. for use in teaching activities by academic organizations (hereinafter referred to as "Teaching Exemption").
- v. Foreground IP generated in collaborative research shall be managed with the aim of reaching and achieving the greatest positive impact for the benefit of the rice farmers and rice food security
- vi. Each of the parties is free to use all data and information developed under this Agreement for the enhancement of their respective academic and research programs. When ever applicable, the principal authors, researchers, and project leaders from both Parties shall be identified, recognized, and included in any publications arising from the joint R&D projects.

4.4 Confidentiality

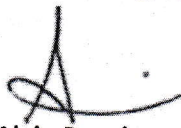
- a. A receiving Party (hereinafter "Recipient") shall not disclose Material marked "Confidential" or "Proprietary" to any third party nor use such Confidential Information for any purpose other than that given without written permission from the other Party.
- b. The Recipient shall use the same degree of care to protect Confidential Information received under this Agreement as it uses to protect its own information of a similar nature, but in any event not less than reasonable care under the circumstances.
- c. The Confidential Information shall be excluded from confidentiality if the Recipient can demonstrate that (a) it had possession of the information prior to disclosure; or (b) the information generally is available to the public at the time of disclosure, or becomes generally available, after disclosure, through no fault of Recipient; or (c) Recipient receives the information from a third party having the right to the information and who does not impose confidentiality.

4.5 Termination

Either Party may terminate this agreement unilaterally by giving notice of its intention to terminate at least thirty (30) days in advance of the intended effective date of termination. The **AVA Development Society** will refund to IRRI the grant funds if **AVA Development Society** terminates this agreement before it expires.

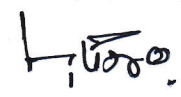
The parties have hereunto affixed their signatures on the dates indicated below to signify their conformity to the conditions set forth in this Letter of Agreement.

For the
International Rice Research Institute (IRRI)

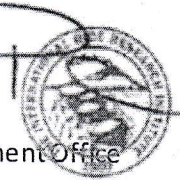

Mr. Alvin Poncin
Head, Portfolio Management Office

Date: 22 October 2021

For the
AVA Development Society


Md. Moklasur Rahman
Executive Director

Date: 24th October, 2021


Md. Moklasur Rahman
Executive Director
AVA Development Society
Lalpur, Natore

Bank information:

Payment for the account of:	AVA Development Society
Bank Account Number:	09712100020081
Bank Name and Address:	EXIM Bank Ltd., Lalpur Branch, Lalpur, Natore
Swift Code:	EXBKBDDH

ANNEX 1

Project Name :
 Sub grantee Name :
 Partner Letter of Agreement (PLA) ID :
 PLA Duration :
 Reporting Period :

To: Finance Business Partnering
 International Rice Research Institute

Particulars/ Description	Budget		Expenditures				Budget Balance	
	Previous Report		Current Report		Cumulative (Start to Current Period)			
	Local Curr	US Dollar	Local Curr	US Dollar	Local Curr	US Dollar	Local Curr	US Dollar
Personnel								
Consultants								
Travel								
Supplies and Services								
Equipment								
Collaborator								
Indirect Costs								
Grand Total								

Particulars/Description	Local Curr	US Dollar
Total funds received from IRRI (a)		
Total Expenditure (b)		
Fund Balance (a-b)		

Prepared by: _____

Approved by: _____

Signature over Printed Name _____
 Position: _____
 Date: _____

Signature over Printed Name _____
 Position: _____
 Date: _____