

APPENDIX A

PROJECT DESCRIPTION

Bourem Inaly Rice and Bourgou Production and Marketing and Support for Women Income Generating Activities

I. Introduction

This appendix describes the activities to be undertaken and the results to be achieved with the funds obligated under this Agreement. Nothing in this Appendix A shall be construed as amending any of the definitions, conditions, or terms of the Agreement.

II. Background

In Mali, 68 percent of the population lives below the poverty line. The village of Bourem Inaly is located in one of the poorest districts in the country – Timbuktu. However, Bourem Inaly has significant agricultural potential which, if exploited, would promote food security in the area. The Grantee, the Bourem Inaly Agricultural Cooperative, has adopted a strategy to help its members and other residents of its village exploit the agricultural potential of the area, but lacks the resources to implement the strategy fully.

III. Funding

A. ADF Contribution

The financial plan for ADF's contribution is set forth in Appendix A-1 to this Agreement. The Parties may make changes to the financial plan without formal amendment, if such changes are made in accordance with Article 7 of the Agreement and do not cause ADF's contribution to exceed the obligated amount specified in Article 3, Section 3.1 of the Agreement.

B. Grantee Contribution

The Multifunctional Agricultural Cooperative of Bourem Inaly has 54 hectares for rice, 60 hectares for bourgou farming, eucalyptus plantations, one cereal store, one vaccination station, 2 operational motor-pumps out of the five existing ones, 6 tanks of 2,000 liters, and one literacy center.

IV. Project Goal

The project's goal is to reduce malnutrition among the poor and displaced populations of Bourem Inaly.

V. Project Purpose

The purpose of the project is to improve household food security and income of project farmer participants in Bourem Inaly, as measured by the following:

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- The number of hectares of rice under cultivation will increase from the actual level of 39 ha to 54 ha from Year II through Year V.
- The number of hectares planted with bourgou will increase from the actual level of 25 ha to 60 ha from Year II through Year V.
- The average daily adult caloric intake will increase from the current level of 1,000 to 2,000 by Year V.
- The annual average income of each woman involved in dried rice processing will increase from the current level of 34,400 FCFA to 232,200 FCFA in Year I, 255,420 FCFA in Year II, 280,962 FCFA in Year III, 309,058 FCFA in Year IV, and 339,964 FCFA in Year V.

VI. Project Outputs

The Project will generate the following major outputs in order to attain the project's purpose.

- A. Cooperative's members, especially women will increase their agricultural productivity and production:
1. The average annual yield of rice per hectare will increase from the current level of 4,000 Kgs/ha to 4,500 Kgs/ha in Year I; 5,000 Kgs/ha in Year II; 5,500 Kgs/ha in Year III; to 6,000 Kgs in Year IV; and, 6,500 to 7,000 Kgs/ha in Year V.
 2. Annual rice production will increase from the current level of 156 tons to 243 tons in Year I, 270 tons in Year II, 297 tons in Year III, 324 tons in Year IV, and 351 to 378 tons in Year V.
 3. The annual bourgou crop production will increase from the current level of 100,000 bundles to 240,000 bundles in Year I, 244,000 bundles in Year II, 248,000 bundles in Year III, 252,000 bundles in Year IV, and 256,000 bundles in Year V.
- B. The Cooperative will strengthen its technical and managerial capacities, as measured by the following:
1. A financial management system that produces monthly profit and loss statements will be operational in Year 1;
 2. A project monitoring plan will be developed and functioning in Year I;
 3. Data will be collected, analyzed, and reported every three months on critical project indicators;
 4. During Year 2, a marketing strategy will be developed and implemented;

5. The number of jobs will increase from the current level of 5 to 12 in Year I, 12 in Year II, 20 in Year III, 20 in Year IV, and 28 in Year V; and,
6. The number of 240 part-time jobs will be created for nursery plants, farm plough, planting out, weeding, harvest, threshing, winnowing, and bougou farm works.

VII. Activities

The Bourem Inaly Cooperative will help participating farmers overcome the following constraints to expanding production and improving the quality of their rice and bougou crops.

A. Rice and Bougou Production

The Cooperative will help participating farmers overcome the following constraints to expanding production and improving the quality of their rice and bougou crops.

- **Access to water:** using the motor pumps provided by this project, the Cooperative will coordinate an irrigation scheme to cover a total of 54 hectares available for cultivation of rice and 60 hectares for bougou planting. The Cooperative will supervise the scheme to ensure proper distribution of water and compliance with pumping schedules.
- **Access to agricultural inputs:** the Cooperative will establish and manage a fund to provide agricultural inputs for rice farmers. The fund will be used to purchase improved seeds, fertilizer, petrol and lubricants, and maintain equipment. The Cooperative will establish transparent terms and conditions for participation in the fund. Each farmer will withdraw his or her quota in exchange for a signed and dated delivery slip.
- **Access to improved production technology:** the Cooperative will provide farmers access to safer and more efficient technology for rice and wheat threshing, rice husking and wheat milling. It will ensure that workers receive adequate training in the operation and maintenance of the equipment. In addition, the Cooperative will record data related to the use of the threshers and establish monthly operating accounts. Once the agriculture campaign is over, the threshers will be warehoused until the next campaign. The Cooperative will record information useful to management on the daily operations of the rice husking machines, such as the types of uses, quality and quantity of processed paddy rice and any other crops processed, breakdowns, appropriate solutions to problems, number of workers and wages, servicing, quantity and cost of petrol, and so on.

B. Processing and Marketing of Dried Rice

The cooperative will set up a revolving fund to provide support for the members of the ALAFIA Women Association of Bourem Inaly involved in the processing dried rice. The management committee of the association will be in charge of assessing the rice needs of each woman. Rice stock will be purchased and distributed among women in accordance with needs individually expressed for a period of three months.

C. Sheep breeding

The cooperative will set up a revolving loan fund for the Bourem Inaly Women's Association of ALAFIA to help members involved in sheep breeding. The management committee of the association will report regularly to the Cooperative on the loans issued, reimbursements made and new needs / demands at hand.

D. Training and Technical Assistance

The Grantee will provide its staff training in business management and technical skills including financial management and accounting, bookkeeping and reporting, agricultural production technique, equipment servicing and maintenance, and training in marketing. In addition, the Grantee will retain the following expertise to assist in the implementation of this project:

- A marketing specialist will be recruited in the second year of the project to provide follow-up marketing assistance and ensure the Cooperative develops a marketing strategy that identifies and responds to a profitable market niche for the surplus production of rice and bourgou.
- The Cabinet d'Expertise Comptable Traoré will provide accounting services to the Cooperative. The services will cover training, accounting monitoring and preparation of required ADF reports.

The ADF Partner will assist the Grantee in the hiring of a project coordinator during the first quarter of the Project to provide the Grantee full-time assistance to meet ADF reporting, financial management, and procurement requirements

VIII. Roles and Responsibilities of the Parties

The Multifunctional Agricultural Cooperative of Bourem Inaly is responsible for ensuring the proper management and implementation of the Project. With the assistance of the entity that is working in partnership with ADF, the Cooperative will hire a project coordinator during the first quarter of the project to provide the Grantee full-time assistance to meet ADF reporting, financial management, and procurement requirements.

The technical assistance entity that is working in partnership with ADF will provide to the Cooperative technical and management assistance during the implementation of the Project. However, given the distance between Bamako and the project site in Timbuktu, ADENORD, a non-governmental organization in the region of Timbuktu, will provide timely and adequate monitoring for the project.

IX. Monitoring and Evaluation

Within sixty days of the effective date of this Agreement, the Grantee, working with ADENORD NGO will form a monitoring and assessment committee composed of a representative cross-section of the Grantee's organization. The committee will work with the ADENORD to develop a project monitoring plan. In addition, during implementation, the committee will have responsibility for ensuring that the project follows the implementation plan, and that problems identified through monitoring and evaluation are properly addressed in a timely manner.

X. Other Implementation Issues

The Multifunctional Agricultural Cooperative of Bourem Inaly will establish a bank account to receive ADF funds.