

CN#6

1. Project Title	Rehabilitation of marshland irrigation infrastructures in Rwanda for increased rice production					
2. Location	Muvumba-2 and 3 (400 Ha), Rwangingo (300 Ha), Mukunguri (400 Ha), Gashora (300 Ha), Kabuye (300 Ha)					
3. Type of Project (multiple selection)	1	4				
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector					
4. Fields covered (multiple selection)	7	10: Infrastructure				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify above)					
5. Suggested Fund source	CARD Grant Aid through Japan International Cooperation Agency (JICA)					
6. Budget / Cost	13.605 million USD					
7. Project duration	4 years					
8. Target beneficiaries	Direct	Farmers, Cooperatives				
	Indirect/ Secondary	Input suppliers, Millers, Rice consumers				
9. Overall objective (Goal)	To enhance the climatic resilience of smallholder rice farming through improved water management infrastructures					
10. Project objectives	Specific Objective:	To improve the water management and water use efficiency by rehabilitating the irrigation infrastructures in marshlands				
	R1.	Details of rehabilitation works that are required for improving the water distribution in marshlands drawn				
	R 2.	Improved inflow of water from the upstream water storage structures and reservoirs				
	R 3.	Resilience of smallholder rice farming against climatic vagaries such as drought, flash floods improved in the marshlands				

11. Expected results/Projects outputs	R 4.	Efficiency of water distribution to individual plots in the marshlands improved by reducing the water loss from the canals
	R 5.	Flooding in low-lying areas of the marshlands is reduced and ease-of-farm-operations (such as harvesting and land preparation for the subsequent season) improved
	R 6.	Water use efficiency improved
	R 7.	Total rice production and on-farm yields in the rehabilitated marshlands increased by at least 50% during the floods (over the previous years)
12. Components and Activities	Component 1 (Objective 1): Assessment of the details of the needs for rehabilitation in the selected marshlands	
	A1.1.	Survey the physical conditions of the infrastructures that are existing in marshlands
	A1.2.	Identify the extent of civil works that are needed for the improvement of the existing and additional infrastructures in the marshlands
	A 1.3.	Bidding for contractors who could carry out the necessary civil works
	Component 2 (Objective 2): Civil works	
	A2.1.	Construction of necessary head works
	A2.2.	Construction of water harvesting structures in the marshlands
	A 2.3	Lining of water canals in the marshlands
	A 2.4	Improvement of drainage facilities
	A 2.5	Levelling works for selected plots/areas
	<u>Note: Due to the budget limitation under CARD Grant Aid, catchment management in the above mentioned marshlands could not be carried out. However, it could be included if this project is co-financed by the GoR and/or other development partners.</u>	