

ANNEX 2: Evaluation Grid

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	Evaluation Questions		Necessary Information / Data	Findings
	Overall Theme	Sub Theme		
	the Overall Goal?			indicator, technical aspect and marketing aspect should be considered. As for technical aspect, basic technology has been transferred, and these technology needs to be expanded to new seed growers. Farmers have started to sell the R3 seeds beyond their districts, and this indicator will most likely be achieved within 5 – 10 years after the completion of the Project.
	Other than the Overall Goals, what other positive and negative impacts have occurred?	Has there been any effect on policy making and improvements in the legal system and regulations? Did the project influence to the social and cultural aspects such as gender, human rights, and poverty? Was there any impact on the environment? Has there been any effect on technological innovation?	Change in economic and social statistic data, and opinions from media, civil society, and concerned parties	<p>3</p> <p>In The Seventh National Socio-Economic Development Plan, the target amount of high quality rice seeds in commodity production was mentioned. It indicates recognition of the importance of quality seeds in MAF, although the amount, 100,000 tons by 2015, seemed very ambitious.</p> <p>3</p> <p>R3 producing farmers reported that the ordinary farmers who purchased seed from them were happy to have increased yield and better quality rice. Since rice is the most important crop in Lao PDR and 80 % of the people are employed within the agriculture sector, having better yield and improved quality can make a significant impact on society as a whole.</p> <p>3</p> <p>The yield per area should increase, when farmers use R3 seeds, and need less land to produce the same amount of rice. Therefore, the Project indirectly decreased the production pressure under the fragile environment.</p> <p>3</p> <p>Some of equipment was purchased and shipped from Japan; however, this was found to be very expensive and there were difficulties in obtaining spare parts in the event of problems. The Project undertook trials for Lao companies to produce similar products, and successfully identified a local supplier of similar equipment, within Laos, at a much lower cost. It also</p>

	Evaluation Questions		Necessary Information / Data	Findings	
	Overall Theme	Sub Theme			
		Were there any economic effect to the society, project staff, and beneficiaries? Any other effects?		<p>helped the technological innovation to the local entities.</p> <p>- Some of the R3 producing farmers' groups reported that the household incomes had more than doubled after producing R3 seeds.</p> <p>- NAFES is planning to expand the multiplication and distribution system established by the Project to 7 other provinces funded by World Bank/EU and SDC.</p> <p>- R3 producing farmers' groups have already sold R3 seeds to farmers from other provinces, and it has started to show the sign of expansion.</p> <p>- The Project added a target institution (No-SMS) in 2009, and increased the target amount of distribution of R2 and R3 seeds in the latest PDM.</p>	3
	Were there any different impacts depending on the gender, tribes or social hierarchy?			<p>- To become R3 seed growers, certain conditions should be met including water access, size of the land, willingness of the farmer, and the position of a land. Therefore, the opportunities to become R3 seed growers are limited to some farmers. However, ordinary farmer still can benefit from the project, because a farmer gets more yields while using R3 seeds.</p>	2
Sustainability	Will the policy side assistance continue after the completion of the project?		Opinions from concerned parties	<p>- In The Seventh National Socio-Economic Development Plan, the target amount of high quality rice seeds in commodity production was mentioned. It indicates recognition of the importance of quality seeds in MAF, however, the Seed Board has not been established yet, and the future is unclear.</p>	2
	Have the legal system and the regulations updated?			<p>- Not yet.</p> <p>- All interviewees agreed that, to involve private sector, it is essential to enhance seed multiplication and distribution system nationwide.</p>	1

ANNEX 2: Evaluation Grid

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	Evaluation Questions		Necessary Information / Data	Findings
	Overall Theme	Sub Theme		
Will the expansion to other provinces be secured?	Does other provinces have activity budget for rice seed multiplication and distribution?	Existence of plan or budget for the similar activities, and opinions from concerned parties.	World Bank/EU and SDC are funding a project in 7 provinces aimed the food security by demonstrating and practicing better rice-based farming systems, and NAFES is expanding the Rice Seed Multiplication and Distribution System established under RISEP. Therefore there is some financial assistance available for the partial expansion of the Project. However, other provinces (outside above-mentioned projects) will not have budget to start similar activities.	2
		Project document and report, and opinions from concerned parties	Most interviewees were confident in their ability to continue some activities after completion of the Project, but expressed concern regarding the difficulty expanding the Project. In this project, not only central governmental bodies, such as NAFES and RCCRC, but also PAFO/DAFO, SMS/SMCs and seed growers had the opportunity to enhance their capacity in rice seed multiplication and distribution. Working with farmers at a local level, and efforts to continue project activities should ensure sustainability of the Project.	3
How much will the implementing organizations be able to maintain the distribution mechanism after the completion of the Project?	Do the counterpart organizations have ownership and capacity to continue the project activities?	Opinions from concerned parties	All C/P organizations were highly aware and expressed their appreciation towards the Project. Since the capacity of the staff has been greatly enhanced, they now feel more confident in working by themselves.	3
		Budget to cover the activities and maintenance cost, and opinions from concerned parties.	All C/P organizations commit to allocate staff for activities.	3
	Will the budget including recurrent cost be secured?	Existence and the use of a maintenance book, and opinions from concerned parties.	All C/P organizations commit to secure recurrent cost for activities. Most materials and equipment have been used properly and maintained appropriately.	3
	Has maintenance and management of materials and equipment been carried			

ANNEX 2: Evaluation Grid

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	Evaluation Questions		Necessary Information / Data	Findings	
	Overall Theme	Sub Theme			
		out appropriately?			
	Was the technology transfer method of the project appropriate?	Was the technology transfer method accepted?	Opinions from concerned parties	<ul style="list-style-type: none"> - The Project provided a comprehensive technical package covering, not only rice seed multiplication and distribution techniques but also, management and administrative skills. There were combined activities with regard to technology transfers such as, trainings in-country, in Thailand and Vietnam, and in Japan, and also, OJT, seminars and workshops by long-term and short-term experts. - No problems were found in the methods used for technology transfers, and all activities in relation to technical transfers were highly regarded by all concerned C/Ps. 	3
		Was it a technology to be able to use in the other provinces?		<ul style="list-style-type: none"> - Various manuals were created in a way that target group can easily understand in the field, and it will contribute the sustainability of the technical transfer. 	3
	Won't be any possibilities to fail the sustainability due to the lack of consideration of gender, poor, and socially disadvantaged group?			<ul style="list-style-type: none"> -The Team did not recognize the possibilities to fail the sustainability due to the lack of consideration of gender, poor, and socially disadvantaged groups. 	3
	Won't be any possibilities to fail the sustainability due to the lack of			<ul style="list-style-type: none"> - The Team did not recognize the possibilities to fail the sustainability due to the lack of consideration of environment. 	3

ANNEX 3: Attainment of Plan of Operation (PO)

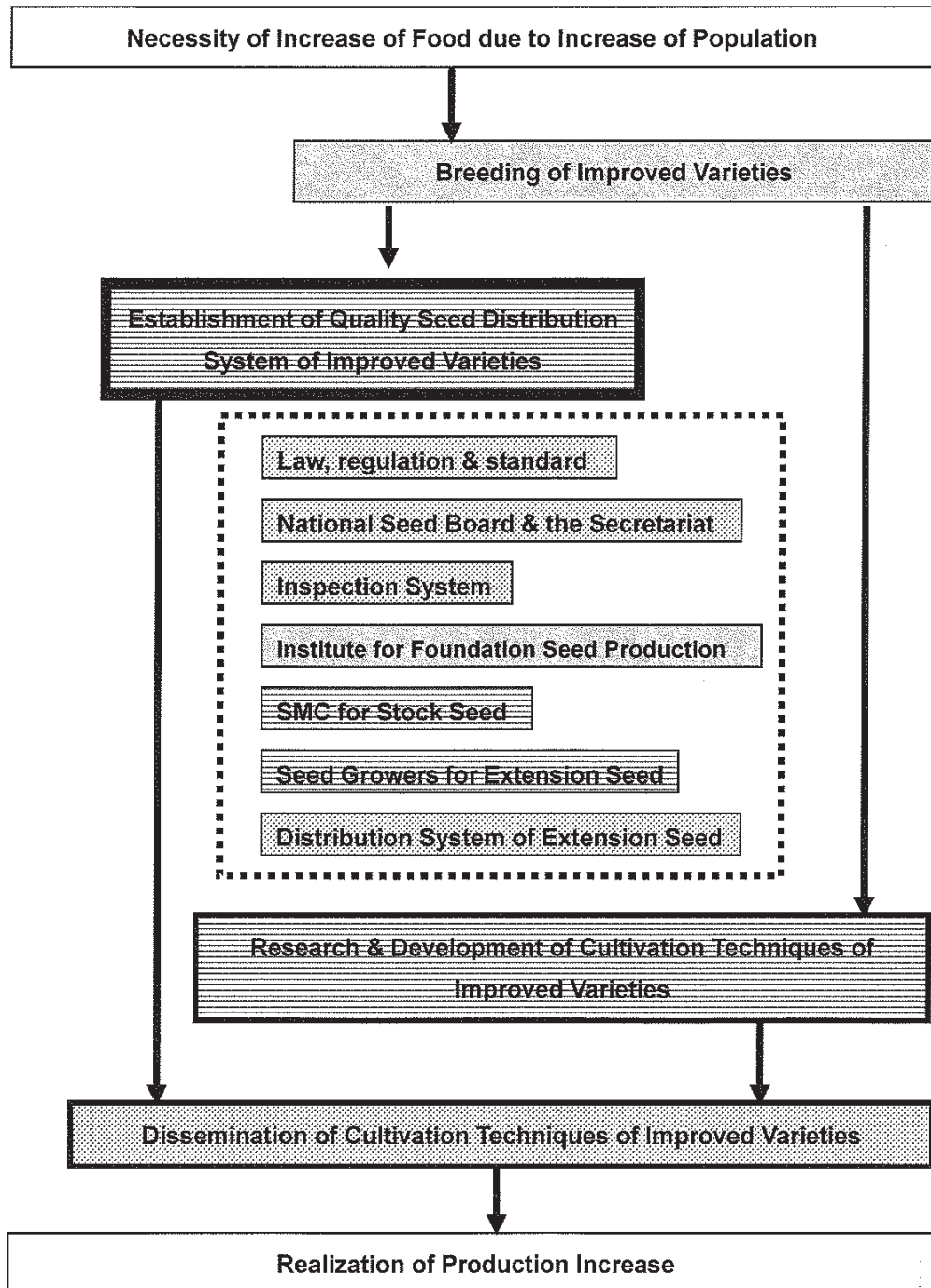
	Status	Level of Attainment
Output 1: A management system for rice seed multiplication and distribution is established at the central level		
1-1. Conducting a survey on the current status of rice seed (baseline survey)	Completed	Satisfactory
(1) Collection of information and evaluation of present techniques	Completed	Satisfactory
(2) Conducting baseline survey	Completed	Satisfactory
1-2. Establishment of a management system of rice seed multiplication and distribution	On-going	Limited
(1) Establishment of management system on rice seed in NAFES	Completed	Satisfactory
(2) Improvement of coordination among institutes in MAF	On-going	Not satisfactory
(3) Establishment of guidance system for provinces	On-going	Satisfactory
1-3. Improvement of the rice seed strategy	On-hold	-
(1) Improvement and approval of tentative rice seed strategy	On-hold	-
(2) Revision and approval of the rice seed strategy	On-hold	-
1-4. Conducting training/seminars on the Strategy and system for provincial staff	Completed	Satisfactory
1-5. To formulate an improvement plan of rice seed multiplication and distribution system for the whole country	Completed	Satisfactory
Output 2 : A management system for rice seed multiplication and distribution is established in target provinces		
2-1. Formulation of the Provincial Plan in each target province	On-going	Satisfactory
2-2. Improvement of administrative system for rice seed multiplication and distribution in accordance with the Provincial Plan and perform necessary activities	On-going	Satisfactory
(1) Improvement of knowledge on seed multiplication and distribution at PAFOs and DAFOs	On-going	Satisfactory(PAFO), Not clear(DAFO)
(2) Coordination and planning of annual plan by PAFO	Satisfactory	Satisfactory
Output 3 : The production of foundation seed is improved in RUU in RCCRC and LAFRC		
3-1. Improvement of multiplication methods of the foundation seed in RCCRC	On-going	Satisfactory
(1) To record information on characteristics and growth tendency in each season of recommended varieties	Completed	Satisfactory
(2) To introduce and verify cultivation methods of foundation seed to meet the seed standard defined in the Strategy	Satisfactory	Satisfactory
(3) To introduce and verify processing methods of foundation seed to meet the seed standard defined in the Strategy	Satisfactory	Satisfactory
(4) To introduce and verify methods of self-monitoring of quality	Satisfactory	Satisfactory
3-2. Improvement of multiplication methods of the foundation seed in LAFRC	On-going	Satisfactory
(1) To record information on characteristics and growth tendency in each season of recommended varieties	Completed	Satisfactory
(2) To introduce and verify cultivation methods of foundation seed to meet the seed standard defined in the Strategy	Satisfactory	Satisfactory
(3) To introduce and verify processing methods of foundation seed to meet the seed standard defined in the Strategy	Satisfactory	Satisfactory
(4) To introduce and verify methods of self-monitoring of quality	On-going	Satisfactory
(5) Technical exchange programme between RCCRC & LAFRC	On-going	Satisfactory
3-3. Making manual on the multiplication methods of foundation seed	Completed	Satisfactory
(1) Making a manual on the multiplication methods of foundation seed in RCCRC	Completed	Satisfactory
Output 4 : Strengthen the training function of the Naphok SMS		
4-1. Improvement of multiplication methods of the registered and certified seed	Completed	Satisfactory
(1) To introduce and verify cultivation methods of registered and certified seed to meet the seed standard defined in the Strategy	Completed	Satisfactory
(2) To introduce and verify processing methods of registered and certified seed to meet the seed standard defined in the Strategy	Completed	Satisfactory
(3) To introduce and verify methods of self-monitoring of quality	Completed	Satisfactory
4-2. Making a manual for registered and certified seed multiplication	Completed	Satisfactory
(1) Making a manual for registered seed multiplication for staff of SMS.	Completed	Satisfactory
(2) Making a manual for certified seed multiplication for seed farmers.	Completed	Satisfactory

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4-3.	Conduct training on rice seed multiplication skills/techniques for staff of other SMCs	On-going	Satisfactory
	(1) Preparation of training	On-going	Satisfactory
	(2) Implementation of training	On-going	Satisfactory
	(3) Evaluation of training	On-going	Satisfactory
	(4) Training on the machinery operation and maintenance	On-going	Satisfactory
Output 5 : Improvement of No-SMC, PAS and LAFRC			
5-1.	Improvement of multiplication methods of the registered and certified seed	On-going	Satisfactory
	(1) To introduce and verify cultivation methods of the registered and certified seed to meet the seed standard defined in the Strategy (PAS)	On-going	Satisfactory
	(2) To introduce and verify processing methods of the registered and certified seed to meet the seed standard defined in the Strategy (PAS)	On-going	Satisfactory
	(3) To introduce and verify cultivation methods of the registered and certified seed to meet the seed standard defined in the Strategy (LAFRC)	On-going	Satisfactory
	(4) To introduce and verify processing methods of the registered and certified seed to meet the seed standard defined in the Strategy (No-SMC and LAFRC)	On-going	Satisfactory
5-2.	Improvement of self-monitoring methods of the registered and certified seed	On-going	Satisfactory
	(1) To introduce and verify self-monitoring methods of the registered seed to meet the seed standard defined in the Strategy (P-SMC)	On-going	Satisfactory
	(2) To introduce and verify self-monitoring methods of the certified seed to meet the seed standard defined in the Strategy (P-SMC)	On-going	Satisfactory
	(3) To introduce and verify self-monitoring methods of the registered seed to meet the seed standard defined in the Strategy (No-SMC and LAFRC)	On-going	Satisfactory
	(4) To introduce and verify self-monitoring methods of the certified seed to meet the seed standard defined in the Strategy (L-SMC)	On-going	Satisfactory
5-3.	Improvement of the operation and maintenance methods of machinery	On-going	Satisfactory
5-4.	Plan production to corresponding the orders and conduct marketing activities	Completed	Satisfactory
Output 6 : Model of certified seed multiplication and distribution is verified at the farmer level			
6-1.	Organizing seed production farmers' groups and providing technical guidance for certified seed multiplication	On-going	Satisfactory
	(1) Survey on current status of rice production farmers in the target districts (Baseline Survey II)	Completed	Satisfactory
	(2) Selection of villeges and organizing of seed grower groups	Completed	Satisfactory
	(3) Technical guidance for seed growers groups by SMC staff	On-going	Satisfactory
6-2.	Establishment of suitable technologies of processing for farmers	Completed	Satisfactory
6-3.	Establishment of a marketing system that is suitable for local conditions	On-going	Satisfactory
	(1) Studies on marketing by sale of samples through shops, rice mills and DAFO	On-going	Satisfactory
	(2) Sale of certified seed produced by the seed grower groups	On-going	Satisfactory
	(3) Review and improvement of sales methods at end of each season	On-going	Satisfactory
6-4.	Extension and promotion of quality rice seed for ordinary farmers	On-going	Satisfactory
	(1) Development of a technical handbook to use quality rice seed for extension staff	Completed	Satisfactory
	(2) Development of extension tools for farmers	Completed	Satisfactory
	(3) Training/seminars on rice seed distribution for the extension staff in the target districts	On-going	Satisfactory
	(4) Dissemination activities to promote the use of quality rice seed for farmers in the target provinces	On-going	Not clear

ANNEX 4:

Present Situation of Improvement of Rice Production



* Indication: Developed Incomplete Not Developed Yet

ANNEX 5

List of Stakeholders Consulted / Interviewed by the Evaluation Team

Name	Title/Designation	Organization
Mr. Thongpath Vongmany	Director General of NAFES	National Agriculture and Forestry Extension Services (NAFES)
Dr. Somnuck Thirasack	Deputy Director General of NAFES/Project Director	RISEP, NAFES
Dr. Sengpaseuth Rasabandith	DD of Extension and Database Division/Project Manager	RISEP, NAFES
Dr. Katsumi Katayama	System Management / Rice Seed Extension	RISEP, NAFES
Mr. Tamotsu Seiji	Rice Seed Multiplication Specialist	RISEP, NAFES
Mr. Sengchanh Phetkhounluang	Deputy Project Manager	RISEP, NAFES
Mr. Lusi Yologialong	Deputy Project Manager	RISEP, NAFES
Mr. Tadashi Kotani	Representative	JICA Laos Office
Mr. Viengsavanh Sisombath	Program Officer	JICA Laos Office
Mr. Soulivanthong Kingkeo	Deputy Director General of NAFRI	National Agriculture and Forestry Research Institute (NAFRI)
Mr. Chanphasouk Tauthaphone	Head of Seed Multiplication Centre	Naphok Seed Multiplication Centre (RCCRC)
Mr. Khamxay Sipaseuth	DG Assistant	Department of Agriculture (DOA)
Mr. Safeumsy Phithayaphone	Deputy Director of Planning Division	Department of Agriculture (DOA)
Mr. Vanthieng Phommasoulin	Senior Officer	Department of Agriculture (DOA)

Name	Title/Designation	Organization
Mr. Bouaphanh Konedavong	Deputy Director of PAFO	PAFO of Vientiane Province
Mr. Khamphanh Vaneth	Deputy Head	Cabinet office of Agriculture of Vientiane Province
Mr. Somvandy Chanthavong	Head of Pakchheng Agricultural Station	Pakchheng Agricultural Station (PAS)
Mr. Bounpheng Ban Kham Phaong	Director, Planning Section	PAFO of Vientiane Province
Mr. Phouvong Rayvong	Technical Staff of Planning Section	PAFO of Vientiane Province
Mr. Vixay Keomahavong	Adviser of Pakchheng Agricultural Station	PAS
Mrs. Vandy Vongxai	Staff	PAS
Mr. Vanhua Khora Bayouthone	Staff	PAF
Leader of R3 Seed Producer Group	Leader	Phonkham Village
Leader of R3 Seed Producer Group	Leader	Cheng Village
Mr. Phoumy Inthapanya	Director, RCCRC	Rice and Cash Crop Research Center, NAFRI
Dr. Masato Togawa	Chief Representative	JICA Laos Office
Mr. Latsanivong Amalathithada	Director General of Provincial Agriculture and Forestry Extension Station, Vientiane Capital	
Mr. Vilaysack Souphanthong	Director of Provincial Agriculture and Forestry Extension Station	
Mr. Vanhphaeng Houangsauanh	Deputy head of Provincial Agriculture & Forestry Extension Station	
Mr. Khan Kham Bouliphane	Director of Nongheo Seed Multiplication Centre	No-SMC
Miss Thongpheuane Xaythongdit	Deputy Director of No-SMC	No-SMC
Mr. Suon Thone Khaophong	Head of Agriculture Unit, DAFO	DAFO Vientiane City
Leader of R3 Seed Producer Group	Leader	Pakngum District

ANNEX6:

Summary of Training Courses and Seminars

As of February 28, 2011

Category	Course Name	Place	Duration, Times	Contents	Target group	Participants
Training in Japan	System Management of Rice Seed Multiplication and Distribution	Tokyo, Toyama, Hokkaido	20 days, Once	Components of system management	Director General of NAFES, Project Manager and management class of PAFO	4
	Rice Seed Production	Nagasaki etc	110 days, Once	Multiplication and processing technologies	Technical staff of NAFRI and PAFO	3
	System Planning of Rice Seed	Tokyo, Tochigi etc	16 days, Once	System management and technical matters, and case study in Japan	Site managers of NAFRI, NAFES and PAFO	5
		Subtotal	3 courses		Subtotal	12 persons
Training in the third country	Study Tour to Thailand I	Bangkok & Chainat, Thailand	6 days, Once	Total management system by Thai Rice Department, provincial lever structure, farmers' and private sector's involvement	Project Director, Project Manager and staff of NAFES	5
	Study Tour to Thailand II	Chainat, Thailand	4 days, Once	Management system and seed multiplication and distribution in Chainat Province	Site managers and staff of NAFES, NAFRI, PAFO and	18
	Study Tour to Thailand III	Udon Thani, Thailand	3 days, Once	Management system and seed multiplication and distribution in Udon Thani Province	Site managers and staff of NAFES, PAFO and DAFO, and farmers of R3 production	18
	Study Tour to Vietnam I	Hanoi, Thailinh & Quangninh, Vietnam	6 days, Once	Total management system by the government, provincial lever structure, function and activities of joint stock seed	Project Director, Project Manager and experts	4
	Study Tour to Vietnam II	Hanoi & Thailinh, Vietnam	5 days, Once	Total management system by the government, provincial lever structure, function and activities of joint stock seed	Management class and site managers of DOP, DOA, NAFRI, NAFES and PAFO	16
			Subtotal	5 course		Subtotal
Seminar	International Seminar	Lao Plaza Hotel	Half day, once	Case studies: Thailand, Cambodia etc	DOP, DOA, NAFRI, NAFES, PAFO	20
	Basic technologies and system management	VTE City, VTE & LNT Province	Half day, 5 times	Outline of seed multiplication and distribution system and R3 production	PAFO	25
	Basic technologies and system management	VTE City and VTE Province	Half day, 16 times	Outline of seed multiplication and distribution system and R3 production	DAFO	48
	Technical Seminar	LaneXang Hotel, Lao Plaza Hotel, NAFES	Half day, 3 times	Multiplication techniques, Present situation and future direction, System planning, Quality Control	DOP, DOA, NAFRI, NAFES, PAFO	52
			Subtotal	25 courses		Subtotal

Category	Course Name	Place	Duration, Times	Contents	Target group	Participants	
In Country Course	Rice Seed Multiplication and Distribution System	VTE Province	Half day, once	Basic knowledge of seed production for Namngum River Basin Development Project	NAFES, VTE City, VTE Province, DAFO	58	
	R1 Course	RCCRC	5 and 3 days, twice	Basic techniques, transplanting and harvest including post harvest	LAFRC	4	
	R2 Course	RCCRC	3 days, once	Basic knowledge of R2 production and system planning	Xekong, Champasak, Khammouan, Xainyabuli	11	
	R3 Course	VTE City, VTE Province, LNT Province	Half day and 2days, 12 times	Basic techniques, roguing, distribution	R3 Farmers in VTE City, VTE Province, LNT Province	157	
	Machinery (Separator etc)	RCCRC, Nongheo SMC, Pakcheng TSC	5 and 1 day, 4 times	Operation of a new separator made in Japan	RCCRC (RRU and N-SMS), Pakcheng TSC & LAFRC	20	
	Machinery (Winnow etc)	VTE City, VTE Province,	Half day, 8 times	Operation of a winnower	Farmers in VTE City, VTE Province	77	
	Machinery (Tractor etc)	N-SMS	5 days, once	Basic knowledge for operation and maintenance of tractor, thresher etc	ARC, PTSC, LAFRC	6	
	Quality Test	RCCRC, LAFRC	1 and 3 days, twice	Germination test	Pakcheng TSC, LAFRC	7	
	New Technology	ITTEC, VTE City	1 day, once	Attendance to Agriculture Fair by MAF	R3 Farmers of VTE City, DAFO staff and Pakcheng TSC staff	37	
	Exchange program	VTE Province, LNT Province	1 and 3 day, 7 times	Studies on dryer and separator, system planning and management	VTE City, VTE Province and LNT Province	13	
	Collaboration with NAFES	VTE City and VTE Province	5 and 4 days, 3 times	Basic knowledge of seed production, R3 production	Boikhamxay, Xainyabuli, Xiengkhouang and Khammouan Provinces, NAFES	20	
			Subtotal	42 courses		Subtotal	410 persons
			Ground Total	75 courses		Ground Total	628 persons

Organization	Commonly provided	
NAFES	Office and the maintenance, allocation of C/Ps, provision of electricity, telephone, water supply etc	Project budget including travel allowance, meeting, office work etc (50 million Kip/ year), Travel allowance (partial), Promotion video and TV broadcast, Official cars (2 cars, 1 motorcycle)
NAFRI		Production cost of BS (9million Kip/ha/season), R1(8.5million Kip/ha/season), R2 (8million Kip/ha/season)
PAFO/PAFES		Field visit cost, Officework cost, Promotion by newspaper, banner
No-SMC		Workshop & Drying floor by NAFES (300 million Kip), Transplanting machine by PAFO (78.7 million Kip), Improvement of irrigation canal by PAFO (250 million Kip), Production cost of R2 (8 million Kip/ ha/season), Tractor by NAFES (200 million Kip)
Farmer groups (Vientiane City)		Production cost of R3 (7 million Kip/ ha/season), Workshop by the farmer group (8 million Kip)
PAFO (Vientiane Province)	Office and the maintenance, allocation of C/Ps, provision of electricity, telephone, water supply etc	Field visit cost, Officework cost, Promotion by announcement letters to DAFO
PAS		Fence (326 million Kip), Garage (Partial, 2.55 million Kip), Office work cost (15 million/ year), Field visit cost for R3 (5 million Kip/ year), Promotion of seed (1 million/year), Maintenance of tractor (3 million/year), Production cost of R2 (8.2 million Kip/ ha/season) etc.
Farmer groups (Vientiane Province)		Production cost of R3, Workshop for separator, Thresher, Dryes etc by NAFES (ADB loan)
PAFO (Luang Namtha)	Office and the maintenance, allocation of C/Ps, provision of electricity, telephone, water supply etc	Field visit cost, Officework cost, Promotion by announcement letters to DAFO, Radio
LAFRC		Field visit cost, Officework cost, Production cost of R1, R2 (Same as RCCRC), Tractor by NAFES (200 million Kip), Garage (partial) by PAFO (9 million Kip), R3 fund from NAFES and NAFRI
Farmer groups (Luang Namtha Province)		Production cost of R3 (7 million Kip/ ha/season) by the farmer, Fertilizer by PAFO (100 million Kip)

ANNEX8 (1)

Summary of JICA's input (facility and equipment)

As of February 22, 2011

Site	Facility	Equipment	Total	Remarks
NAFES	0	26841	26841	
NAFRI	44092	177405	221497	
VTE City	7132	106307	113439	
VTE Pro	35276	113437	148713	
LNT	124643	127316	251959	
Total	211143	551306	762449	

The list does not include a project car (\$42880) which is used exclusively by experts

The list does not include storage and drying floor in Nongheo SMC, VTE City (561,000,000Kip=\$70000)

ANNEX 8 (2): Provision of equipment

Site	Item	Price	FY	Remarks	Item	Price	FY	Remarks
NAFES	LCD Projector	1090	2006		Seed sampler	150	2008	
	Computer (1)	1500	2006		Sieve set	600	2008	
	Scanner	270	2006		Moisture meter	500	2008	
	Digital camera	270	2006		Single-lens reflex camera	1320	2008	
	Safe	337	2006		Facsimile device	670	2008	
	Video camera	614	2007		Printer	435	2008	
	LCD Projector	885	2007		Cabinet (4)	1676	2008	
	Screen	150	2007		Winnower L (4)	1200	2008	
	Computer (3)	4500	2007		Incubator	2644	2009	
	Printer	500	2007		Digital balance	933	2009	
	Photocopier	4150	2007		Computer	1196	2010	
	Cabinet	600	2007		Printer	651	2010	
	26841		14866			11975		

Site	Item	Price	FY	Remarks	Item	Price	FY	Remarks
RCCRC RRU	Thresher	4200	2006		Separator J	64000	2008	
	Bag closer	48	2006		Petri dish	200	2008	
	Photocopier	4150	2006	SMS	Dryer	1000	2008	SMS
	Dryer	800	2007		Power sprayer	320	2008	
	Incubator	1000	2007		Installation of separator	6700	2009	
	Grain sampler	140	2007		Platform	423	2009	
	Digital balance	300	2007		Bucket conveyer	1080	2009	
	Sieve-set	450	2007		Separator J	74200	2009	SMS
	Drying oven	1770	2007		Installation of separator	6700	2010	SMS
	Desiccator	390	2007		Platform	520	2010	SMS
	Grain moisture meter	500	2007		Bucket conveyer	1947	2010	SMS
	Small microscope	600	2007					
	Digital camera (Expert)	500	2007					
	Winnower J	500	2007					
	Down trans	50	2007					
	Winnower J (Manual)	500	2007	SMS				
	Awn remover J (2)	3000	2007	SMS				
Computer (1)	1417	2007	SMS					
177405		20315			157090			

ANNEX 8 (2): Provision of equipment

Site	Item	Price	FY	Remarks	Item	Price	FY	Remarks
VTE City	Winnower J (4)	2000	2007		Installation of separator	6700	2009	
	Down trans (4)	200	2008		Bucket conveyer	1299	2009	
	Bag closer (4)	192	2008		Cycron	425	2009	
	Reel cable (4)	120	2008		Plat form/duct etc	531	2009	
	Scale (4)	100	2008		Winnower L (2)	470	2009	
	Separator J	64000	2008		Reel cable (2)	60	2009	
	Grass cutter	300	2008		Scale (2)	50	2009	
	Incubator	1000	2008		Bag closer (2)	96	2009	
	Seed test dish	80	2008		Desk-top computer	1529	2009	
	Seed sampler	150	2008		Printer	1457	2009	
	Sieve set	600	2008		Faccimile device	500	2009	
	Digital balance	800	2008		Photocopier	2645	2009	
	Moisture meter	500	2008		Disc-harrow	904	2009	
	LCD projector	890	2008		Rotary	1827	2009	
	Notebook computer	1417	2008		Thresher	5196	2009	
Screen	150	2008		Rear trailer	5497	2009		
				Separator L (Medium)	4622	2010		
106307		72499			33808			

Site	Item	Price	FY	Remarks	Item	Price	FY	Remarks
VTE Province	Tractor with attachment	21800	2006		Separator L (Medium)	3725	2009	Nammang
	Thresher	4200	2006		Installation of Separator L	567	2009	
	Photocopier	4150	2006		Separator L (Small)	2500	2009	Cheng
	Disc hallow/ front blade	3183	2007		Installation of Separator L	530	2009	Cheng
	Separator J	42533	2007		Winnower L (5)	1175	2009	
	Winnower J (5)	2500	2007		Reel cable (7)	210	2009	
	Dryer	800	2007		Scale (10)	250	2009	
	Incubator	800	2007		Bag closer (9)	432	2009	
	Grain sampler	140	2007		Separator L (Small)	3142	2010	
	Digital balance	300	2007		Winnower L (2)		2010	Xanakham
	Seive-set	450	2007					Xanakham
	Grain moisture meter	500	2007					Xanakham
	Screen set for separator	3000	2008					
	Dryer	1000	2008					
	Grass cutter	300	2008					
	LCD projector	890	2008					
	Notebook computer	1417	2008					
	Screen	150	2008					
	Installation of separator	11487	2008					
	Bucket conveyer	900	2008					
	Down trans (5)	250	2008					
	Reel cable (2)	60	2008					
	Bag closer (2)	96	2008					
113437		100906				12531		

Site	Item	Price	FY	Remarks	Item	Price	FY	Remarks
LNT	Tractor with attachment	29030	2006		Separator J	64000	2008	
	Thresher	5500	2006		Dryer	1000	2008	
	Photocopier	4500	2006		Rear car	3633	2008	
	Disc hallow/ front blade	3183	2007		Grass cutter	300	2008	
	Winnower J (5)	2500	2007		LCD projector	890	2008	
	Incubator	1000	2007		Notebook computer	1417	2008	
	Grain sampler	140	2007		Screen	150	2008	
	Digital balance	300	2007		Installation of separator	6700	2009	
	Seive-set	450	2007		Bucket conveyer	980	2009	
	Grain moisture meter	320	2007		Installation of B conveyer	1001	2009	
					Palets for store	322	2010	
127316		46923			80393			

ANNEX 8 (3):

List of Improvement/Construction of Facilities

As of January 7, 2011

Site	Item	Price	FY	Remarks
RCCRC	Workshop	26312	2006	
	Drying floor	9188	2006	
	Power supply	1380	2007	
	Drying floor extension	6880	2007	SMS
	Power supply	332	2010	SMS
	Total	44092		
VTE City	Power supply	1145	2009	
	Passage	5000	2009	
	Power supply	987	2010	
	Seed Storage			Nongheo
	Drying floor			Nongheo
	Total	7132		
VTE Province	Workshop Ext	4610	2006	Prti 07
	Drying floor	20221	2006	
	Drainage	468	2007	
	Fence	503	2007	
	Pit	257	2008	
	Power supply	1398	2008	
	Drainage	3635	2009	
	Power supply	777	2009	Cheng V
	Power supply	970	2009	Namman
	Power supply	1484	2010	Phatao
	Garage for tractor	953	2010	
	Total	35276		
	LNT	Access road/cannal	9600	2007
Workhop & Drying floor		66923	2008	
Fence		1750	2008	
Seed Storage		31450	2009	
Workhop Improvement		1940	2010	
Garage for tractor		5030	2010	
Tractor attachment floor		2410	2010	
Eave of seed storage		540	2010	
Bridge		5000	2010	
Total	124643			

ANNEX 8 (4): List of Experts

Name	Designation	Period
I. Longterm Experts:		
Dr. Katsumi KATAYAMA	System Management / Distribution	Aug. 2006 - Jul. 2011
Mr. Tamotsu SEIJI	Rice Seed Multiplication	Nov. 2006 - Jul. 2011
II. Short term Experts:		
Mr. Yasunobu KUDO	Machinery Operation and Maintenance	8/Jan/07 - 6/Feb/07
Mr. Kazuya KUDO	Installation and Training of Separator	13-24/May/2008, 6-22/Jul/2009, 27/Sep-8/Oct/2010
Mr. Masayuki KOMINE	Pest Management	21/Aug - 19/Sep 2007
Dr. Kazutoshi MATSUO	Disease Management	17/Sep - 15/Oct 2007
Mr. Noboru HORISUE	Rice Seed Quality Control	30/Mar - 29/May 2009
Mr. Yoshitoshi TSUTSUI	Rice Seed Quality Improvement	25/Sep - 10/Dec 2009, 22/Mar - 20/Jul 2010

ANNEX 9

List of Documents/Manuals

As of March, 2011

Original No.	Planned Item	Actual Item	Language/Media	Target Groups	Contents	Writer/Editor	Status
1	Strategy of rice seed (Tentative)	Preliminary Plan as Basic Information in the Future	Lao/Document	Whole country	National Strategy on rice seed	NAFES	Authorized
2	Strategy of rice seed	PLAN 2020	English/Document	Whole country	Strategy and roadmap	NAFES	Less possibility
3	Plan of rice seed multiplication and distribution system			Whole country	Details of the roadmap		Less possibility
4	Provincial plan of rice seed	Provincial plan of rice seed	Lao/Document	Province	Strategy and roadmap in each province	VTE City, VTE Prov	Revising
5	Annual plan of rice seed	Annual plan of rice seed	Lao/Document	Province	Details of plan	Provinces	Made every season
6	Manual of multiplication of foundation seed	Manual of multiplication of foundation seed	English/Document	Whole country	Cultivation, Processing and QC of R1	RCCRC	Complete
7	Manual of multiplication of registered seed	Techniques of rice seed production Manual of multiplication of stock seed	Lao/Slideshow English/Document	Whole country Whole country	Mainly Breeder Seed and R1 production Cultivation, Processing and QC of R1	RCCRC RCCRC	Except for QC Complete
8	Manual of multiplication of certified seed	Techniques of R2 production Manual of R3 production at farmer level	Lao/Slideshow Lao/Pamphlet	VTE Province Farmers (Seed producers)	R2 production Simple explanation of multiplication	PAS NAFES	Except for QC Both completed

Original No.	Planned Item	R3 Production by farmer groups	Lao/ Slideshow	Whole country	Necessity, production and distribution	NAFES	Using
		Actual Item	Language/ Media	Target Groups	Contents	Writer/ Editor	Status
9	Utilization manual of high yield varieties	Manual of good way of rice production by farmers	Lao/ Pamphlet	Extension workers, ordinary farmers (Seed users)	Modern methods of cultivation of rice	NAFES	Using
10	Extension tools of quality seed	Signboard of Seed Depot	Lao/ Signboard	Ordinary farmers (Seed users)	Sales of rice seed	NAFES	Using
Output 6	Establishment of suitable technologies of processing for farmers	Winnower	Made in Laos	Small farmer groups	Separation by air stream	Outhai Tractor	Used widely
		Separator	Made in Laos	Large farmer groups and SMC	Separation by aspiration and screens	Buntam rice mill manufacturing	Completed

ANNEX 10: Lao Counterparts (C/Ps)

1. Direct counterparts

Designation	Name	Position of the government	Period
Project Director	Dr. Somnuek THIRASACK	DDG of NAFES	Aug.2006-Jun.2007, Sep.2009-Current
	Mr. Kham SANATEM	DDG of NAFES	Jun.2007-Aug.2008
	Mr. Somxay SISONONH	DDG of NAFES	Aug.2008-Sep.2009
Project Manager	Mr. Houmkeo INDATHIEP	DD of Extension and Database Division, NAFES	Aug.2006-Jul.2007
Project Coordinator	Dr. Sengpasouth RASABANDITH	DD of Extension and Database Division, NAFES	Aug.2007-Current
Deputy Project Manager	Mr. Chanthaneth SIMAHANO	Director, Division of International Cooperation, DOP Staff, NAFES	Aug.2006-Current
Deputy Project Manager	Mr. Lasi YORLORYIALONG	Staff, NAFES	May2007-Current
	Mr. Sengchan PHETKHOUNLUANG	Staff, NAFES	Dec.2007-Current

2. Other counterparts

Designation	Name	Position of the government	Period
Counterpart from DOA	Dr. Ketkeo PHOUANGPHET	Director, Division of Technology, DOA	Aug.2006-Sep.2007
Counterpart from NAFRI	Ms. Inthanongsith KOMMAMEUNG	Director, Division of Technology Management, DOA	Apr.2008-Current
Counterpart from N-SMS	Mr. Phoumy INTHAPANYA	Director of RCCRC, NAFRI	Aug.2006-Current
Counterpart from PAS	Mr. Sengchan PHETKHOUNLUANG	DD, Naphok-SMC	Aug.2006-Dec.2007
Counterpart from LAFRC	Mr. Chanphasouk TANTHAPHONE	Head of Naphok-SMS	Dec.2007-Current
Counterpart from PAFO (VTE Province)	Mr. Phetthavixay SIRIPHONG	Director of PAS (DD, Pakcheng TSC)	Aug.2006-Aug.2010
	Mr. Somwandy CHANTHAVONG	DD, Pakcheng TSC	Aug.2010-Current
	Mr. Sonekham PAMIXAY	Director of LAFRC	Aug.2006-Apr.2009
	Mr. Mamith SENGTHONGHACK	Director of LAFRC	May2009-Current
	Mr. Vilaysack SOUPHANTHONG	Director, PAFES, PAFO Vientiane City	Aug.2006-Current
	Mr. Vantphaeng HOUANGSAVANG	DD, PAFES, PAFO Vientiane City	Aug.2006-Current
	Mr. Bouaphanh KONDAVONG	Deputy Director General, PAFO Vientiane Province	Aug.2006-Current
Counterpart from PAFO (LNT Province)	Mr. Khammouane LOKHAMCHOVA	Deputy Director General of PAFO	Aug.2006-Current
Counterpart from No-SMC	Mr. Khankham BUALIPHANE	Director of No-SMC	July 2009-Current
	Ms. Thongpheuane XAYTHONGDIT	DD of No-SMC	July 2009-Current