

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **The Establishment of Forest Genetics Research Center for Restoration of Major Timber Species in Cambodia**
2. PROJECT DATES:
- PROJECT START: **1/1/2016**
- ESTIMATED COMPLETION: **12/31/2025**
3. TOTAL PROJECT COST: **\$1,500,000**
4. RESPONSIBLE MINISTRY: **Ministry of Agriculture, Forestry and Fisheries**
- RESPONSIBLE UNIT: **Forestry Administration**
- អង្គភាពទទួលខុសត្រូវ: **រដ្ឋបាលព្រៃឈើ**
5. PROJECT STATUS: **On Going**

DETAILED PROJECT INFORMATION

6. TYPE OF PROJECT: **Free-standing technical assistance**
7. SOURCE OF PROJECT FUNDING: **Grant**
8. THE POLICY AREA OF THE PENTAGON STRATEGY PHASE I THAT THIS PROJECT FALLS UNDER: **V**
- Side 1. Institutional Reforms and Strengthening**

9. THE CONTRIBUTION OF THE PROJECT TO ACHIEVE THE ABOVE POLICY:

The project has established 06ha of seed orchard of three major native tree species; *Dalbergia cochinchinensis*, *Pterocarpus macrocarpus* and *Dipterocarpus intricatus*. The seed orchard is a unique seed source in Cambodia, which was compiled of many mother trees from vary sources entire country, and it was established base on existing Principles of Mother Tree Selection in the country with technical support from Korea. The project is really contributed to the sufficient forest restoration policies.

10. SUPPORT TO CAMBODIA INDUSTRIAL DEVELOPEMENT POLICY:

Does this Project support to the implementation of the Cambodia Industrial Development Policy? **No**

11. SECTOR:

Environment and Conservation (includes Forestry sector) Forestry Sector

12. PROJECT LOCATION: (Describe the location of the project and its components.)

Siem Reap,

13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)

- 1. To Implement the long-term tree breeding plan**
- 2. To strengthen the restoration and tree breeding capacities of forestry administration in Cambodia**

14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)

Major Activities of the Project as below:

- 1. Establishment of Progeny Test Plantation 24 ha**
- 2. Establishment of Seed Orchard 06 ha**
- 3. Practice of silviculture technique for maintenance of forest restoration area 100ha**
- 4. Education, training and dissemination**
- 5. Research on tissue culture**
- 6. Establishment of technical documents**

15. PROJECT JUSTIFICATION: (Give reasons why this particular project is considered worthwhile.)

The project is very significant for forest restoration because the seed orchards were established by collecting seeds from vary mother tree sources and planted in progeny test for selecting the good mother tree following categories; growth faster, resistance to disease, straight stem, branch less, and more resistant to impact of environment. On the other hand, the project is conducting research on mass seedling production from tissue culture. If the research is successful, it will strengthen the large scale of forest restoration purpose.

16. BENIFITS: (Who will benefit, directly and indirectly, from the project?)

The project helps strengthening the tree breeding capacities of forestry administration staffs and conducting researches in forest restoration. In addition, stakeholders such as students, national and international researchers, local authorities and villagers living near the project sites gain new knowledges from the research via field visit, workshop, study tour, exchanges experiences and documentation, etc. Moreover, Cambodia will have the identified seed sources for Dalbergia cochinchinensis, Pterocarpus macrocarpus and Dipterocarpus intricatus tree species for contributing to forest restoration in the future.

17. FEASIBILITY STUDY

Is a Feasibility Study for the project required? **Yes**

If YES, has it been carried out? **Not yet**

18. SOCIAL & ENVIRONMENT IMPACT: (Briefly describe the effects of the project, if any, on the people and the surrounding enviroment. Will the project assist in alleviating poverty?)

The project has contributed in increasing forest cover by establishing progeny test plantation and seed orchard 30 ha. Training courses on forest fire prevention, benefits of forests, silvicultural techniques were conducted for local people. As the project is more focusing on seed orchard establishment, the livelihood improvement was not prioritized. However, some of them have received benefits from labor cost through participating in some activities such as seedling production, plantation, and maintenance.

19. CLIMATE CHANGE

a. Is any activity or output of the project related to Climate Change? **Yes**

If Yes, please indicate **Adaptation**

b. How is the project relevant to Climate Change?

Please select a Climate Change related sector of the project and fill up the contribution of the climate change related expenditure compared to the total project cost.

Climate Change-Related Sector	Percentage	Climate Change Relevance
11. Biodiversity and conservation	50	Moderate

20. DISASTER RISK REDUCTION

Is any activity or output of the project related to Disaster Risk Reduction? **Yes**

If Yes, please indicate **Prevention**

21. GENDER ANALYSIS: (How does the project affect the roles of the men and women in the project area? Will women be actively involved in the implementation of the project?)

There is no gender discrimination in the project. It always encourages participation of men and women equitably.

22. CAPACITY TO IMPLEMENT: (Does the Ministry have the skills and experience required to implement the project?)

Since the project is new and the first one that conducts native tree breeding, training courses were conducted for project staffs. Moreover, the team keeps communicating with experts in Korea for assisting implementation of some activities.

23. STATUS OF PROJECT IMPLEMENTATION: (Provide a brief update on the progress of the project to date. Discuss any major problems causing delays in project implementation.)

The project stared in early 2016. In the time being, most activities have been conducted on schedule of each year, except the experiment on tissue culture

24. PROJECT PRIORITY: (Please indicates the priority ranking of the project decided by the ministry/agency.)

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25. DONOR INVOLVEMENT: (Provide any information on current or potential donor involvement in the project.)

The project is funded by Asia Forest Cooperation Organization (AFoCO) and technical supported by experts from National Institute of Forest Science (NIFoS) and professor of Seoul National University (SNU)

PART B : PROJECT COSTS AND FUNDING SOURCES
(In US\$'000)

INVESTMENT COST	2024		2025 Budget	2026 Estimate	2027 Estimate	2028 Estimate	3yr Total 2026-2028	Recurrent Cost Est.
	Budget	Actual						
Operational Expenditure	103.8	93.3	83.9	0.0	0.0	0.0	0.0	0.0
Salaries	38.3	38.3	31.7	0.0	0.0	0.0	0.0	0.0
Materials + Admin	6.0	6.0	14.4	0.0	0.0	0.0	0.0	0.0
Other	59.5	49.0	37.8	0.0	0.0	0.0	0.0	0.0
Capital Expenditure	13.0	11.0	7.0	0.0	0.0	0.0	0.0	0.0
Construction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consultancy (i.e. TA) + Admin	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
Equipment+ Furniture	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Training	10.0	8.0	4.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL COST	116.8	104.3	90.9	0.0	0.0	0.0	0.0	0.0
FUNDING SOURCES	2024		2025 Budget	2026 Estimate	2027 Estimate	2028 Estimate	3yr Total 2026-2028	
	Budget	Actual						
Project Revenue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Government Funding	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Cash Input	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other Resources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Donor Funding	116.8	104.3	90.9	0.0	0.0	0.0	0.0	
Government of Republic of Korea	116.8	104.3	90.9	0.0	0.0	0.0	0.0	
TOTAL COMMITTED FUNDING	116.8	104.3	90.9	0.0	0.0	0.0	0.0	
FUNDING REQUIRED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
(Total Cost - Funding Available)								

**Seen and Approved by
Minister**

(Signature)

Date :