

PROJECT INFORMATION SHEET

PIP No :

973

(To be allocated by MOP)

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **Water Quality Monitoring System at Mekong Mainstream and Information Center Installation**
2. PROJECT DATES:
- PROJECT START: **3/1/2018**
- ESTIMATED COMPLETION: **8/30/2019**
3. TOTAL PROJECT COST: **\$571,700**
4. RESPONSIBLE MINISTRY: **Ministry of Environment**
- RESPONSIBLE UNIT: **Department of Freshwater Wetlands Conservation in General Directorate of Administration for Nature Conservation and Protection**
- អង្គភាពទទួលខុសត្រូវ: **នាយកដ្ឋានអភិរក្សតំបន់ដីសើមទឹកសាបនៃអគ្គនាយកដ្ឋានរដ្ឋបាលការពារ និងអភិរក្សធម្មជាតិ**
5. PROJECT STATUS: **Completed**

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 3. Strengthening of Public-Private Partnerships
9. THE CONTRIBUTION OF THE PROJECT TO ACHIEVE THE ABOVE POLICY:
The project will contribute to the achievement of the rectangular strategy when the findings is informed to policy and decision makers and appropriated actions will be carried out with support of society and publics
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) Environment and Conservation, excluding Forestry Sector
12. PROJECT LOCATION: (Describe the location of the project and its components.)
Stung Treng,
13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)
The overall objectives include: (i) to protect and conserve water quality to meet the beneficial water use of the people including sectoral development of the countries in the Lower Mekong Basin; and (ii) to provide in time water quality related data/information for decision makers, as well as distribute to researchers, developers, other users and the publics.
14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)
Mekong Mainstream Water quality monitoring system and Information Centre Installation Project consists of three key activities including field data collection, building capacity through training and workshop and establishment of auto-information stations. The project's scope is Ramar Site and Protected Areas in the Mekong River in Stung Treng Province. Department of Freshwater Wetlands Conservation will responsible for the project implementation under collaboration with line governmental agencies, sub-national authorities and researchers.

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

Land and water resources and their associated biota are considered as major environmental concerns. Agriculture, mining and relevant activities affect the country's surface water along with the Mekong system and the primary resources of the Tonle Sap Great Lake and its tributaries. Urban/town and industrial pollution sources is also recognized as the driven of generating wastewater, smokes, dust/suspended particles, solid wastes and hazardous wastes, which being threatened the urban/town environment and urban aesthetics of the countries in the Lower Mekong Basin.

The Water Quality Procedure (WQP) is the regional implementing tool of the 1995 Mekong Agreement to promote and urge the countries' members to pay attention toward human health and aquatic life protection. In a real implementation of this WQP seem to be difficulty where the member countries do not have the same capacity and capability as well. In the context of water quality monitoring – it is suggest to have water quality monitoring system along the Mekong mainstream and some main tributaries as well. By the required monitoring system, responsible officials will automatically know water quality via online which is delivered by the information center. The taking action, in relation to water pollution or water quality emergency response, will be done urgently through using information center. In short, the proposed water quality monitoring system along the Mekong mainstream and it main tributaries at the lower Mekong Basin is necessary but for the effective implementation.

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

Local communities live in and nearby the Mekong Ramsar site and other protected areas along Mekong River in Cambodia will be informed and encouraged to participate in the programme to monitoring water quality and the conservation. Population is approximately 4,169 households (about 20,042 people) living in 21 villages across four communes and many face livelihood difficulties.

Project staffs and relevant agencies will improve their knowledge and skills to manage the water or the Mekong River for supporting of ecosystem services, cultural and economic development.

17. FEASIBILITY STUDY

Is a Feasibility Study for the project required? **No**

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 will change knowledge and thinking of the local communities, sub-national authorities and policy makers through awareness raising and consultation workshop and training. Water resources are the most important for local communities, wildlife and sustainable development included hydropower development. If the water resource polluted without scientific research and findings to inform the site management and decision makers there will be seriously and costly to restore the environmental flow.

Water quality and waste management will be continuously monitored and effectively actions will be taken to protect the environment and biodiversity in Stung Treng Ramsar Site.

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
17. Water quality (general)	95	Very Significant

20. DISASTER RISK REDUCTION

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

If Yes, please indicate **Preparedness**

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?)

The results of the project will be shared to people both man and woman who live in and around the project sites and/or who are interested in the water quality monitoring and water resources management. At least 60% of the woman living in 12 villages in 4 communes across Stung Treng Ramsar Site will be informed on the findings of the research through village meetings and awareness raising program.

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

Department of Freshwater Wetlands Conservation in General Directorate of Administration for Nature Conservation and Protection has capacity to implement the project under the cooperation with line ministries and sub-national authorities.

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.)

Agreement on the Cooperation on the Project of the Mekong-Lancang Cooperation Special Fund was signed by Ministry of Foreign Affairs and International Cooperation and the Embassy of the People's Republic of China on 21st December 2017. The fund has been transferred to the bank account of Mekong-Lancang of the ministry of Foreign Affairs and International Cooperation and being processed to transfer the fund to implementing agencies. MoE has submitted official letter to request the first disbursement for the expenditure of the project implementation that expected to start on March 2018.

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 donor will involve the financial management through accountable, transparency and regularly reporting of the project progress and achievement.

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

INVESTMENT COST	2018		2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	3yr Total 2020-2022	Recurrent Cost Est.
	Budget	Actual						
Operational Expenditure	28.8	21.7	60.1	0.0	0.0	0.0	0.0	0.0
Salaries	16.8	16.8	8.4	0.0	0.0	0.0	0.0	0.0
Materials + Admin	5.0	3.6	9.6	0.0	0.0	0.0	0.0	0.0
Other	7.0	1.3	42.1	0.0	0.0	0.0	0.0	0.0
Capital Expenditure	18.5	3.2	464.3	0.0	0.0	0.0	0.0	0.0
Construction	0.0	0.0	107.8	0.0	0.0	0.0	0.0	0.0
Consultancy (i.e. TA) + Admin	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0
Equipment+ Furniture	7.6	1.3	326.0	0.0	0.0	0.0	0.0	0.0
Training	8.0	1.5	13.3	0.0	0.0	0.0	0.0	0.0
Other	2.9	0.4	11.2	0.0	0.0	0.0	0.0	0.0
TOTAL COST	47.3	24.9	524.4	0.0	0.0	0.0	0.0	0.0
FUNDING SOURCES	2018		2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	3yr Total 2020-2022	
	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	47.3	24.9	524.4	0.0	0.0	0.0	0.0	
China	47.3	24.9	524.4	0.0	0.0	0.0	0.0	
TOTAL COMMITTED FUNDING	47.3	24.9	524.4	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 :