

PROJECT INFORMATION SHEET

PIP No :

1611

(To be allocated by MOP)

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **The improvement of Water Supply Service in the South-Western Part of the Phnom Penh City (The Construction of Boeng Thum Water Production Facilities of 6,000m³/day and Expansion of Distribution System)**
2. PROJECT DATES:
- PROJECT START: **1/1/0001**
- ESTIMATED COMPLETION: **1/1/0001**
3. TOTAL PROJECT COST: **\$2,786,000**
4. RESPONSIBLE MINISTRY: **Ministry of Industry, Science, Technology & Innovation**
- RESPONSIBLE UNIT: **Phnom Penh Water Supply Authority**
- អង្គភាពទទួលខុសត្រូវ: **រដ្ឋាករទឹកស្វយ័តក្រុងភ្នំពេញ (រ.ទ.ស.ភ)**
5. PROJECT STATUS: **Completed**

DETAILED PROJECT INFORMATION

6. TYPE OF PROJECT: **Investment project**
7. SOURCE OF PROJECT FUNDING: **Mix of RGC, Grant and Loan**
8. THE POLICY AREA OF THE PENTAGON STRATEGY PHASE I THAT THIS PROJECT FALLS UNDER:V
Pentagon 4. Resilient, Sustainable and Inclusive Development
9. THE CONTRIBUTION OF THE PROJECT TO ACHIEVE THE ABOVE POLICY:
- The Pentagonal Strategy-Phase I adopts five key priorities, in particular, number 3 and number 5 as follow:
 - Water
 - and Digital Technology
 - To achieve the government's CSDG Goal 6, which aimed 100 percent of people living in urban areas to have access to clean drinking water by 2025.
 - Support and strengthen the participation of local communities in improving water and sanitation management.
10. SUPPORT TO CAMBODIA INDUSTRIAL DEVELOPEMENT POLICY:
- Does this Project support to the implementation of the Cambodia Industrial Development Policy? **Yes**
11. SECTOR:
Water and Sanitation (excluding rural)
12. PROJECT LOCATION: (Describe the location of the project and its components.)
13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)
- To satisfy the people's demand for clean water across Phnom Penh Capital and Khrong Takhmau 2023-2030.
 - In response to water shortage and pressure due to the demand has intensified significantly which came from unexpected population growth, the construction of building and more commercial facilities.
14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)

- Construction of water treatment plant with capacity: 6MLD (4 Lines x 1.5 MLD of each line of Compact Water Treatment System)
- Treatment Method: Compact Water Treatment System (4 Lamella Settlers, 4 Auto Siphons)
- RWPS (1 Duty, 1 Standby): peak capacity of 6.36MLD (one pump) at 30m TDH
- RWTM (DN315 and DN125) with total length of 63m
- TWT (capacity of 1500m3): 27.65m x 13.8m (L x W)
- TWPS (2 Duties, 1 Standby): peak capacity of 6.48MLD (two pumps) at 50m TDH
- Supply and Distribution Pipe Network (DN63, DN90, DN110, DN160, DN225, DN250) with total length of 51km
- Sludge Tank: 16m x 5.5m (L x W)

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

In order to achieve Clean Water Policy, PPWSA shall implement the Construction of Boeng Thum Water Production Facility with capacity of 6,000m3/day as per Update Master Plan 2021-2030 recommendation.

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

-Responsive to water demand forecast 2023-2030 and keep sound financial sustainability of PPWSA for long run.

-To provide the potential of treated water service to local people, businesses and factories for permanent use both currently and in the future, and to improve the sanitation in water use for people in Phnom Penh's outskirt. On the other hand, to create a higher pressure of water supply for the people in the outskirts of Phnom Penh and to expand to the areas where there have not been accessed to pipe water.

17. FEASIBILITY STUDY

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

If YES, has it been carried out? **Has been done**

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 no negative impact to environment and covers the extension of the piped water network to the suburbs of Phnom Penh comprising the highest proportion of poor households and to reduce the economic cost of obtaining water from far and aging water facilities and other sources.

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
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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?)

-Alleviate burden of Women & Children

-During implementation of the project, women will actively participate. In PPWSA Project Management Unit (PMU), number of women working in Contract Administration/Accounting. The women also employ by Construction Contractor with protection by Contract

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

-PPWSA has gained lot of experiences. More Loan Investment Projects and Grant Projects have been implemented.

-PPWSA's PMU will cooperate with construction Supervision Consultant to supervise and facilitate the Design and Construction of Beoung Thom water production facilities.

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 Japanese government gave grant aid to finance the expansion of the water supply system through JICA to the Ministry of Economy on September 2022.

-The Construction Supervision Consultant already selected.

-The Construction Contractor already selected.

-Transportation of Goods and construction materials from SHV port to project site may face Phnom Penh City Hall traffic regulation.

-Any delay in Construction Contract may face heavily price to Clean Water Policy and the household living in Phnom Penh peri-urban areas have no water supply as planned.

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.)

Japan International Cooperation Agency (JICA)

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salaries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Materials + Admin	0.0	0.0	0.0	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
Capital Expenditure	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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								
TOTAL COMMITTED FUNDING	0.0	0.0	0.0	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 :