

PROJECT INFORMATION SHEET

PIP No :

709

(To be allocated by MOP)

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **Construction and configuration Submarine Cable network from Sihanoukville (Cambodia) to Hong Kong (China).**
2. PROJECT DATES:
- PROJECT START: **10/1/2025**
- ESTIMATED COMPLETION: **12/31/2027**
3. TOTAL PROJECT COST: **\$165,406,000**
4. RESPONSIBLE MINISTRY: **Ministry of Posts & Telecommunications**
- RESPONSIBLE UNIT: **TELECOM CAMBODIA (T.C.)**
- អង្គភាពទទួលខុសត្រូវ: **ទូរគមនាគមន៍កម្ពុជា (ទ.ក.)**
5. PROJECT STATUS: **Planned**

DETAILED PROJECT INFORMATION

6. TYPE OF PROJECT: **Investment project**
7. SOURCE OF PROJECT FUNDING: **Donor Sought**
8. THE POLICY AREA OF THE PENTAGON STRATEGY PHASE I THAT THIS PROJECT FALLS UNDER:V
Pentagon 2: Economic Diversification and Competitiveness Enhancement
9. THE CONTRIBUTION OF THE PROJECT TO ACHIEVE THE ABOVE POLICY:
- This project contributes to the development of telecommunication infrastructure and services in order to enhance the national competitiveness in Information and Communication Technology (ICT) sector through:**
- 1. Quality improvement and big capacity of the direct connection from Cambodia to China in order to response the increasing demand of data traffic from/across Cambodia to china with reasonable price.**
 - 2. Providing cloud technology infrastructure services for e-government and private sector to support effectively the investment, information security and operation of ICT services.**
10. SUPPORT TO CAMBODIA INDUSTRIAL DEVELOPEMENT POLICY:
- Does this Project support to the implementation of the Cambodia Industrial Development Policy? **Yes**
- Coordination of Supporting Policies (Skills and Human Resource Development, Sciences, Technology and Innovation Promotion, Establishment and Development of Industrial Infrastructure, and Financing Measures)**
11. SECTOR:
- Post and Telecommunications** **Telecommunications**
- Telecommunications**
12. PROJECT LOCATION: (Describe the location of the project and its components.)
Preah Sihanouk, Phnom Penh,
13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)
- This project aims to construction telecommunications infrastructure, including a submarine fiber optic cable network from the Kingdom of Cambodia to China.**
 - Construction and configuration underground cable network from Sihanoukville-Phnom Penh and the National Data Center to support other telecommunications services, such as basic telecommunications services and value-added telecommunications services, to promote the use of information and communication technology, and to contribute to the Kingdom of Cambodia. Become an ICT hub in the region.**

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

This project has three parts:

- 1. Construction and configuration submarine cable network from the Kingdom of Cambodia to Hong Kong (China) with Landing Station at Hong Kong: Setup Submarine terminal Equipment, Power Feeding Equipment, Submarine monitor).**
- 2. The construction of the National Data Center in Phnom Penh and Landing station in Sihanoukville are as follows: (Submarine cable type, Repeater & Branch Unit, Power feeding equipment, Submarine line monitor, submarine line terminal equipment).**
- 3. Construction of underground cable network from Sihanoukville to Phnom Penh (with the use of 96Core fiber optic cable, Closer, pipe, Other Equipment and Installation & configuration DWDM transmission system.**

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

- It responses to the policy agenda in rectangular strategy phase IV and Telecommunication/ICT development policy 2021 through contribution to development of national broadband and enhancement of ICT usages,**
- The project responds to the growing domestic demand for high-speed Internet, which is used to facilitate cultural exchanges, international trade, e-commerce and e-education between the Kingdom of Cambodia and China. And other countries in the world.**
- Support policies to reduce poverty and improve the general knowledge of the people by using telecommunication and information and communication technology to increase development.**
- Maintain the country's security and order in the field of telecommunications, information and communication technology.**
- Bring low service cost, profit to customers.**

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

Serve telecommunications, information and communication technology to local people, authorities, public and private institutions, schools, businesses, handicrafts, bank, microfinance, Internet service providers (ISPs), telecom operators and companies to maintain national security and contribute to the rapid growth of the national economy.

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?)

- Specific technical studies are needed to assess the impact of environmental and social.**
- It certainly plays an important role in bringing low service costs through the use of technology and the use of common infrastructure, thus leading people to access low-cost, high-quality telecommunications services.**

19. CLIMATE CHANGE

a. Is any activity or output of the project related to Climate Change? **No**

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?)

Supporting and enhancing the participation of women.

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

The Ministry of Post and Telecommunications qualified and experienced enough.

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.)

Is seeking for investment partners.

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.)

Negotiations with HUAWEI and other banks.

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

INVESTMENT COST	2023		2024 Budget	2025 Estimate	2026 Estimate	2027 Estimate	3yr Total 2025-2027	Recurrent Cost Est.
	Budget	Actual						
Operational Expenditure	0.0	0.0	0.0	17,325.0	17,325.0	17,325.0	51,975.0	0.0
Salaries	0.0	0.0	0.0	4,331.0	4,331.0	4,331.0	12,993.0	0.0
Materials + Admin	0.0	0.0	0.0	7,796.0	7,796.0	7,796.0	23,388.0	0.0
Other	0.0	0.0	0.0	5,198.0	5,198.0	5,198.0	15,594.0	0.0
Capital Expenditure	0.0	0.0	0.0	17,809.0	37,809.0	57,813.0	113,431.0	0.0
Construction	0.0	0.0	0.0	8,940.0	28,940.0	48,943.0	86,823.0	0.0
Consultancy (i.e. TA) + Admin	0.0	0.0	0.0	4,869.0	4,869.0	4,870.0	14,608.0	0.0
Equipment+ Furniture	0.0	0.0	0.0	1,000.0	1,000.0	1,000.0	3,000.0	0.0
Training	0.0	0.0	0.0	1,000.0	1,000.0	1,000.0	3,000.0	0.0
Other	0.0	0.0	0.0	2,000.0	2,000.0	2,000.0	6,000.0	0.0
TOTAL COST	0.0	0.0	0.0	35,134.0	55,134.0	75,138.0	165,406.0	0.0
FUNDING SOURCES	2023		2024 Budget	2025 Estimate	2026 Estimate	2027 Estimate	3yr Total 2025-2027	
	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	35,134.0	55,134.0	75,138.0	165,406.0	
(Total Cost - Funding Available)								

**Seen and Approved by
Minister**

(Signature)

Date :