

PROJECT INFORMATION SHEET

PIP No :

1285

(To be allocated by MOP)

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **Construction 5G Infrastructure Platform for the shared and Build Mobile Phone Network**
2. PROJECT DATES:
- PROJECT START: **1/1/2024**
- ESTIMATED COMPLETION: **12/31/2026**
3. TOTAL PROJECT COST: **\$174,029,000**
4. RESPONSIBLE MINISTRY: **Ministry of Posts & Telecommunications**
- RESPONSIBLE UNIT: **TELECOM CAMBODIA (T.C.)**
- អង្គភាពទទួលខុសត្រូវ: **ទូរគមនាគមន៍កម្ពុជា**
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:
- Prepare to serve 5G infrastructure and respond to the Fourth Industrial Revolution.
 - Use the infrastructure 5G platform shared in order to increase investment efficiency, avoid duplication of investment, ensure public aesthetics and honest competition.
 - Provide telecommunication services to all government sector, private, enterprises, communities and strengthen consumer protection.
 - Accumulate to increase revenue to the national budget.
 - Contribute with the Royal Government's policy on security, public order and development of infrastructure in the smart city.
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.)
All Provinces, Phnom Penh,
13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)

- Prepare to serve 5G national infrastructure platform, digital economy platform and respond to the Fourth Industrial Revolution.
- Supply next generation telecommunications services to all public sector, private, enterprises and communities.
- Accumulate to increase revenue to the national budget.
- Contribute with the Royal Government's policy on security and public order and contribute in the development of telecommunication infrastructure in smart cities.

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

The project to construction 5G Infrastructure Platform for the shared and mobile phone network has three parts:

1. Core network includes: (BSC, MSC, SMS, Billing, IN, etc.).
2. Infrastructure of Radio network includes: Antenna poles, equipment, techniques and antenna equipment, etc.
3. Transmissions include: Using fiber optic cable and Pipe PVC, equipped with Dense Wavelength Division Multiplexing (DWDM) transmission system at the main station, installed and equipped with IP Router and Microwave equipment, etc.

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

- A strategic choice for contribute in the establishment of 5G national infrastructure platform and 5G mobile phone network.
- Support policies to reduce the digital gap more widely and improve the national economy by using new telecommunications services and ICT to increase development.
- Maintain national security and order in the field of telecommunications and ICT.

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

The 5G National Infrastructure platform Project has the following benefits:

- Cambodia is ready to have 5G infrastructure platform and 5G mobile services.
- Use common network infrastructure, common antenna towers for equipping various technical equipment.
- Saved early investment capital when overlapping investment capital and saved on annual operating expenses.
- Collect revenue for the national revenue and increase revenue to the national budget.

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?)

- No environmental and social impact.
- Definitely plays an important role in bringing low data service costs through the use of technology, thus leading people to get lower and faster internet prices.

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 company 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	3,398.0	4,404.0	5,467.0	13,269.0	0.0
Salaries	0.0	0.0	0.0	1,988.0	2,044.0	2,156.0	6,188.0	0.0
Materials + Admin	0.0	0.0	0.0	460.0	460.0	460.0	1,380.0	0.0
Other	0.0	0.0	0.0	950.0	1,900.0	2,851.0	5,701.0	0.0
Capital Expenditure	0.0	0.0	0.0	33,585.0	53,585.0	73,590.0	160,760.0	0.0
Construction	0.0	0.0	0.0	30,000.0	50,000.0	70,000.0	150,000.0	0.0
Consultancy (i.e. TA) + Admin	0.0	0.0	0.0	500.0	500.0	500.0	1,500.0	0.0
Equipment+ Furniture	0.0	0.0	0.0	150.0	150.0	200.0	500.0	0.0
Training	0.0	0.0	0.0	500.0	500.0	500.0	1,500.0	0.0
Other	0.0	0.0	0.0	2,435.0	2,435.0	2,390.0	7,260.0	0.0
TOTAL COST	0.0	0.0	0.0	36,983.0	57,989.0	79,057.0	174,029.0	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	36,983.0	57,989.0	79,057.0	174,029.0	
(Total Cost - Funding Available)								

**Seen and Approved by
Minister**

(Signature)

Date :