

PROJECT INFORMATION SHEET

PIP No :

1176

(To be allocated by MOP)

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **Capacity Building for Registered Cambodian Engineers**
2. PROJECT DATES:
- PROJECT START: **1/1/2025**
- ESTIMATED COMPLETION: **12/31/2027**
3. TOTAL PROJECT COST: **\$4,438,000**
4. RESPONSIBLE MINISTRY: **Ministry of Labor & Vocational Training**
- RESPONSIBLE UNIT: **Board of Engineers, Cambodia**
- អង្គភាពទទួលខុសត្រូវ: **គណៈវិស្វកម្មជាតិ**
5. PROJECT STATUS: **Planned**

DETAILED PROJECT INFORMATION

6. TYPE OF PROJECT: **Free-standing technical assistance**
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 1: Human Capital Development
9. THE CONTRIBUTION OF THE PROJECT TO ACHIEVE THE ABOVE POLICY:
Human Resource Development: Strengthening of the quality of education, science and technology
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:
- Technical and Vocational Education** **Technical and Vocational Education**
Board of Engineers, Cambodia
12. PROJECT LOCATION: (Describe the location of the project and its components.)
Phnom Penh,
13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)
Engineering capacity building efforts aim to ameliorate professional skills of Cambodian engineers to bring about three desirable outcomes:
- **Upgrade the technical capability of Cambodian engineers to attracts investment of multinational companies,**
 - **Gain more involvement of Cambodian engineers in foreign aids of infrastructure projects,**
 - **Provide a basis for business development of local engineering entrepreneurs.**
14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)

Issues for the construction industry of Cambodia is the main concern to be dealt with as construction industry accounts for almost 7% of the total GDP of Cambodia for each year.

This means it plays a very important role in Cambodia's economic development.

In ASEAN Economic Community (AEC), Cambodia could take an opportunity to attract a lot of construction investments, both from ASEAN countries and from outside ASEAN. However, Cambodian construction industry still has many issues, and it needs to be improved for a better development especially professional skill of Cambodian engineers. Many project donors were concentrating on producing a human resource and construction of infrastructure which is the key driving force of Cambodia for better development. Capacity building of Cambodian engineers is necessary to pave the way for the participation of those projects.

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

Cambodia seriously lacks engineering capacity and relies heavily on imported expertise for two reasons: insufficient output from training institutions, and poor-quality education and lack of practical experience among engineering graduates. Yet Cambodia also has pressing development needs that require engineers. First, infrastructure needs to be built in step with the region's economic growth trajectory, including roads, bridges, buildings, airports, and harbors. Second, industrial development should be accelerated, especially in manufacturing, so that the region becomes a net exporter rather than importer of manufactured goods. Third, Cambodia's ever increasing energy requirements should be met to overcome acute power shortages. However, the engineer skills and competency is also one of the main concern of Cambodia. BEC is responsible for gathering and managing engineers throughout the country for the purpose of training and continuing to improve their technical capabilities in accordance with current and future technological developments.

The proposed training programme is focus on engineer in civil, mechanical and electrical engineering. These 3 main engineering disciplines are important for Cambodia construction industry. The training programme will be an outcome-based approach that is focus on the upgrading of the Cambodia engineers to support the construction industry in order to support Foreign Direct Investment into Cambodia. The proposed programme will be conducted by competent and experienced trainer who is Professional Engineer.

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

Engineering capacity building efforts aim at developing a sufficient pool of well-educated and certified engineers in Cambodia to effect the desirable outcome as follows:

- To upgrade the technical capability that is needed by Cambodia Engineer to attract investments by multinational companies.
- Gain more involvement of Cambodian engineers in foreign aids of infrastructure projects,
- Provide a basis for business development of local engineering entrepreneurs.

Objective:

To upgrade the technical capability that is needed by Cambodia Engineer to attract investments by multinational companies

Outcome:

- Disseminating training results and applying them to field work.
- Capacity improvement of Cambodia Engineers in Civil, Mechanical and Electrical Engineering.

Output:

- Knowledge and skill enhancement, Change of mindset (professionalism, engineering ethics, sustainability, competency, quality, productivity, work confidence, etc.).
- Cambodia Engineer with competency that is recognised by Federation of Engineering Institutions of Asia and the Pacific (FEIAP) and International Professional Engineers Agreement (IPEA)

17. FEASIBILITY STUDY

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

If YES, has it been carried out? **Is being prepared**

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 is not impact on the people and the surrounding environment.

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? **No**

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?)

Yes

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

Training division of the Board of Engineers, Cambodia will carries out the selection of lecturers, Trainees, location and Venue . Similar Trainings were successfully carried out .

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.)

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.)

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	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	1,480.0	1,479.0	1,479.0	4,438.0	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	1,480.0	1,479.0	1,479.0	4,438.0	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	1,480.0	1,479.0	1,479.0	4,438.0	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	1,480.0	1,479.0	1,479.0	4,438.0	
(Total Cost - Funding Available)								

**Seen and Approved by
Minister**

(Signature)

Date :