

The new building of Science, Technology and Innovation National Laboratory (STINL) of National Institute of Science, Technology and Innovation (NISTI) at the Ministry of Industry, Science, Technology & Innovation (MISTI), has been constructed completely. Since the STINL needs to expand the scopes of laboratory testing for industry, regulatory support and standard development, then STINL need to build the capacity testing, experimentation and modern equipment installation to complement the existing equipment.

The content of the project as following:

- **New and modern equipment and material, according to the needs of each competence laboratory (Microbiology Testing Laboratory, Water Chemical Laboratory, Food Chemical Laboratory, Non-Food Chemical Laboratory and Mechanical, Electrical and Electronic Laboratory).**
- **Capacity building, according to the needs of each competence laboratory).**

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

- **To develop the capacity and expand the scope of testing on the new parameters;**
- **To contribute in improving the quality and safety of products, especially industrial and handicraft products;**
- **To Support the national trade, which is essential for operationalizing for developing strategy of trade and Public health benefits.**

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

Companies/factories, industries, and handicrafts can improve the quality, and safety of products, enhance their technology and production processes through the use of testing services provided by the Science, Technology and Innovation National Laboratory, and obtain the customer's confidence.

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?)

- To increase the job by recruiting new staff;**
- To reduce food-borne illness;**
- To help producers to improve their product quality and safety for local and exporting;**
- Will assist in alleviation poverty by enhancing health of customers.**

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?)

This project does not affect the role of men and women in the project implementation. The staffs of STINL, both women and men with the same capabilities have the same obligation to collaborate actively in the same project together.

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

After finishing the new STINL construction, the testing capacity of STINL of NISTI will be built and modern equipment will be supplemented more than existing equipment, therefore STINL of NISTI will have more professional and experienced staff to implement this project.

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.)

New Project and in the planning process only.

24. PROJECT PRIORITY: (Please indicates the priority ranking of the project decided by the ministry/agency.)

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	4,000.0	3,000.0	3,000.0	10,000.0	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	4,000.0	3,000.0	3,000.0	10,000.0	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	4,000.0	3,000.0	3,000.0	10,000.0	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	4,000.0	3,000.0	3,000.0	10,000.0	
(Total Cost - Funding Available)								

**Seen and Approved by
Minister**

(Signature)

Date :