



## TERMS OF REFERENCE

**Establish a Learning Management System (LMS) for storing all training materials and manage students in the project**

---

### **Improving Transferable Skills for Youths in Haiphong (ITSY) Project**

#### **1. Project background**

Across the globe, many companies are struggling to fill IT positions that require coding and programming skills. That is according to Coding Game's latest developer survey; in which 61% of HR professionals reported that finding qualified developers would present their biggest recruitment challenge of 2021. Whether the company is a new tech start-up, a thriving financial institution or a blue-chip manufacturer, chances are good that they have many programming positions to fill but are finding it challenging to source skilled and experienced staffs from the local pool of resources.

If more people were pursuing Computer Science degrees, then these positions would be easier to fill. The problem does not start at a tertiary education level; however, it starts in middle and high schools with a lack of Science, Technology, Engineering and Mathematics (STEM) programs.

While many middle schools and high schools have implemented computer labs and computer literacy courses as part of their STEM curriculum, there is still a lot that can be done to pique students' interest around computer programming and give them the tools and resources they need to develop these STEM skills to ensure a brighter future. In addition, in order to stay ahead and embrace shifts in innovation in the 4.0 generation, promoting digital literacy is important.

The current challenges that many schools in Vietnam in general and Ngo Quyen District in particular face are that there is a lack of skilled teachers who are able to teach children computer code and other computer skills such as multimedia, digital marketing and/or web design.

The project "Improving Transferable Skills for Youths (ITSY) project" will contribute to increase the quality of human resources on information technology and others that meet the demand of economic growth and 4.0 technology revolution, as mentioned in the Vietnam's Socio-Economic Development Strategy for 2021-2030 with a vision to 2045, and the Vietnam's Education Development Strategic Plan for the period of 2021-2030. The project is also aligned with national education curriculum implemented in Hai Phong City and Ngo Quyen District. Moreover, the project is expected to contribute to the preparedness and provision of high-quality workforce for Samsung Vietnam in the coming years.



Project from 11/2021 – 10/2023 is funded by Samsung SDS and implemented by World Vision. Project will be implemented in 4 target high schools in Ngo Quyen District, including Thai Phien, Thang Long, Marie Curie and Hang Hai high schools.

Establish a Learning Management System (LMS) for storing all training materials of IT and transferable skills provided in the project and manage students, their learning process and scores is a crucial activity to the successful implementation of the project.

Project is searching for consultants to build a LMS and develop operation guidance for teachers and students at 4 target high schools.

## 2. Objectives

- Develop a suitable LMS for each target high school to be used:
  - as an open source providing training materials on transferable skills and IT to both teachers and students at schools; and
  - to manage class: manage students, their learning progress and scores
- Develop operation guidance/manuals on how to use and manage the LMS for teachers and students.

## 3. Training participants

High school students, teachers and Board of Managers at 4 target schools will be guided to use the LMS. It is expected that after the project ends, the LMS will still be used effectively and efficiently at these schools.

## 4. Deliverables

- A LMS that has all the following functions:
  - providing training materials on transferable skills and IT
  - managing students, their learning progress and outcome
- 2 days offline training on how to use the LMS for IT teachers from 4 target high schools.

## 5. Timeline:

Activities	Tentative time period	Who
Consultants develop and code LMS	01 – 30/07	External consultants



WV & DoET review the LMS and Consultant revise for the finalized version of LMS	01 – 05/08	External consultants/team leader + WV IT department + DoET
Receive and incorporate feedback to deploy LMS	08 – 11/08	External consultant/team leader
Offline training	12 – 13/08	External consultant/team leader + WV

**Contact Information:**

Interested consultants are invited to send your application package to the email address:

[WV\\_Recruitment@wvi.org](mailto:WV_Recruitment@wvi.org) before **June 23<sup>rd</sup>, 2022**.

**Subject:** [ITSY]\_Name of company/ consultant

**Application form includes:**

- Company/ consultant profile (with information of participants).
- Link of similar products have been made.
- Proposal on methods and work implementation plan. Regarding the time frame, if it is different from the above expected frame, the consultant clearly states the proposed time frame.
- Detailed quotation.

**People and Culture Department**

World Vision International in Vietnam

Add: 9th floor, Mercury Building, 444 Hoang Hoa Tham Street, Tay Ho District, Hanoi

Tel : 84-24-39439920