

Call for Expression of Interest for:

20 developers of curricula of technical theoretical subjects for a new BT in construction technology.

The call is open to:

- contractual teachers in the Baccalauréat Technique (BT) “Bâtiment et Travaux Publics”
- teachers in construction related subjects in Higher Education
- unemployed graduates in Civil Engineering or Architecture or Interior Design
- unemployed graduates in Engineering different from Civil with some experience in construction

1 Context

The project is planning to implement a new BT in “Construction techniques” starting from the Autumn 2021 as decided by the DG of the Directorate General of Vocational and Technical Education. The proposed BT will lead to the acquisition of skills and knowledge related to the specialisation of a generic Mason during the first academic year (BT1). The following two academic years (BT2 and BT3) will be characterised by the acquisition of skills and knowledge related to a specialisation.

Specialisation	CBT modules
Mason	Safety in a construction site
	Masonry
	Plastering
	Floor screeding
	Repair walls
	Painting walls
Assistant Plumber	Coring and grooving
	Installing water pipes
	Installing sewage pipes
	Installing accessories
Assistant Electrician	Coring and grooving
	Installing conduits and boxes
	Installing cables, plugs and switches
	Installing A/C equipment
Assistant Tiler	Tiling kitchen backsplash
	Tiling floors
	Tiling bathrooms
	Tile-cladding of external walls
Assistant building insulator	Floor insulation and screeding
	Pitch roof insulation
	External walls insulation
	Drywall insulation
Assistant finisher	Erecting gypsum board partition
	Installing false ceiling
	Painting wall and ceiling painting
	Laying papier paint (wallpaper)

Currently 5 specialisations are identified and other can be added later according to the needs of the job market in the construction sector.

To acquire the skills of the specialisation 4 Competence Based Training (CBT) modules are identified for each specialisation, some were developed and already piloted in few DGVTE schools, the curriculum of the others CBT modules is under development.

Technical Theoretical Subject	Hours of teaching	
	BT2	BT3
Math/Phys/Chem for the sector / specialisation		180
Construction methods for the specialisation	60	60
Construction materials for the specialisation	30	75
Construction blue prints for the specialisation	60	60
Measurement and testing for the specialisation	30	75

To acquire the knowledge of the specialisation 5 Technical Theoretical subjects are set for each specialisation. The specific subjects are to be defined yet and will be part of this initiative. Each subject is structured in Competence Units (CU) each of them representing the knowledge

learning content that can be acquired in 15 hours of classroom teaching, including assessment.

Each specialisation requires the development of 42 Competence Units considering to developing 3 specialisations the curriculum developers will develop the curriculum for 15 subjects for a total of 126 Competence Units.

2 Objectives

To assure a consistent level of quality of the content of the different curricula, templates and a standard process for the development of the technical theoretical subjects have been defined. The applicants will get familiarised with templates and the process and enabled to develop their own curriculum in the frame of a 20h training of trainers (ToT), which is not remunerated, but free of charge and mandatory for the selected applicants in order to sit for the assessment and evaluation. The ToT course will be conducted indicatively in the second week of January. The course will be done in distance learning modality (online) in the afternoon for 5 consecutive days. After the completion of the course, the selected applicants that have followed entirely the ToT course will be assigned to develop the curriculum of one Competence Unit in a construction related subject. The performance in developing a CU will be assessed and the most qualified selected applicants will have the possibility to be contracted by VTE4all to develop the curriculum of a technical theoretical subject or part of it (up to 6 CU per developer).

3 Outputs/Results:

The outputs / results requested to the selected applicants are:

- 100% attendance of ToT course (20h) on developing curricula of technical theoretical subjects
- 100% fulfilment of the assignments required during the course
- Development of the curriculum for 1 Competence Unit (CU) of a technical theoretical subject delivered within 7 days from the ToT course following the standards presented during the ToT

4 Requirements for interested applicants

Motivation to spend 4h a day in front of a computer screen.

4.1 Qualifications and skills

- University degree at least at bachelor level in engineering, architecture, civil engineering, interior design or Technician Superior or Licence in topography
- Fluency in Arabic language
- Fluency in English or French language
- Proficient in use of MS Office (PowerPoint, Word, Excel, Outlook) or equivalent application
- Proficient in internet (re-)search

4.2 General professional experience (minimum requirement one of the three)

- At least 2 years of experience in teaching (on contractual basis) one of the technical theoretical subjects in the BT "Bâtiment et Travaux Publics"
- At least 2 years of experience in teaching any construction related subject in a Lebanese University of Higher Education institute
- Unemployed graduates in Architecture or Civil Engineering or Interior Design

4.3 Specific professional experience

- Excellent writing and editing skills (in Arabic and in English or French)
- Ability to explain technical information in a clear and concise manner in writing

5 Term and Conditions

- Availability of a PC or laptop with Office applications and internet access to be used during the ToT, the development of 1 CU for the evaluation
- Availability to attend the afternoon ToT in January 2021
- Committed to be available to develop a curriculum from the 1st of February to 31st of May
- Selected participants to the ToT that will deliver all the outputs as stated in Art.3 will receive a compensation of 400\$ if they provide the MoF registration number otherwise 370\$ (GIZ will pay for the income taxes due).

6 Application process

The applicant shall submit the following documents:

- A cover letter, stating the motivation to attend the 20 hours of training in DL modality
- An updated CV (in Arabic, English or French), indicating:
 - for teachers: the technical theoretical subjects taught, the academic year, the school or institute, the name of the director of the school or the head of department with her/his contact details,
 - university graduates: the list of the subjects passed at the university and the grade

not latest than 14 December 2020 at 23:59 Beirut Local Times to: LB_quotation@giz.de The subject line of the mail must be clearly marked as follows: "BT in construction techniques curriculum developers"

If you have questions about this call for expression of interest, please contact us at the following email (LB_quotation@giz.de) before 9 December 2020 at 23.59.

Note: Only applications containing the mentioned documents will be taken into consideration.

7 The VTE4all project

Vocational and Technical Education for All (VTE4all) in Lebanon is a European Union funded project financed through the "EU Regional Trust Fund in Response to the Syrian crisis". The project, implemented by GIZ, ultimate objective is to increase the employability prospects of vulnerable Lebanese people as well as Syrian refugees. In order to do so, the project activities are aiming at supporting the existing Technical and Vocational Education and Training (TVET) system and raising awareness and strengthening its relevance to the needs of the labour market. The project is implemented by GIZ and builds in the knowledge and expertise drawn by the ProVTE¹ experience in designing and delivering Competence Based Training (CBT).

8 Disclaimer

This document was produced with the financial support of the European Union. Its contents are the sole responsibility of the Key Experts of the project Toufic Rizkallah and Enzo Sciolla and do not necessarily reflect the views of the European Union.

¹ ProVTE - Technical Assistance for a more Practice Oriented Vocational and Technical Education Financed by the EU and implemented by GIZ InS (EUR 4,249,300, 2017-2021)