
AFTER II
Appui à la Formation Technique et à l'Emploi au Rwanda

Terms of Reference

Review the design of Learning spaces dedicated to Plumbing technology trade at Muhororo TSS, develop the list of required equipment, tools, material, furniture and fixtures

Activity code: 2.1.1

Venue: Remote

Dates: From August 2025 to December 2025

1. Project description

The Government of Rwanda and Agence Française de Développement (AFD) signed 5 years grant/loan agreements on 8th March 2023 to implement AFTER II Project (Appui à la Formation Technique et l'Emploi au Rwanda), with cofinancing from the Luxembourg government. AFTER II aims to improve technical and vocational education and learning conditions in order to strengthen the skills of youth in line with labour market requirements.

Project management will be provided by two contracting authorities: Rwanda Polytechnic (RP) for college-related interventions, and Rwanda TVET Board (RTB) for TVET schools-related interventions, through their respective Single Projects Implementation Units (SPIU).

Expertise France will provide technical assistance to the project implementation. Short and long-term expertise are mobilized on the basis of a technical offer validated by AFD, with the agreement of the Rwandan party.

On the side of RP, the beneficiary sites are RP Karongi and Kitabi colleges located in Karongi and Nyamagabe Districts. On the side of RTB, the beneficiary sites are Muhororo and Cyanika TVET Schools located in Karongi and Nyamagabe Districts.

AFTER II project is divided into 4 main components and 2 cross-cutting components:

- Component 1: The RP Kitabi and Karongi colleges and TVET schools of Cyanika and Muhororo campuses are expanded, modernised and environmentally friendly
- Component 2: The training offer in the RP Kitabi and Karongi colleges and TVET schools of Cyanika and Muhororo is strengthened and more attractive
- Component 3: The link between TVET providers and the private sector is strengthened, and employment and entrepreneurship support mechanisms are more efficient
- Component 4: The quality and leadership of RP and RTB as institutions in the TVET sector are reinforced
- Cross-cutting component 5: The TVET programs are more gender-responsive and inclusive and specifically address dropouts of the general education
- Cross-cutting component 6: Greening TVET – TVET programs provide youth with green skills and competencies for sustainable economic growth

2. Objectives and scope of work

Through the AFTER II project, RTB has launched design studies for the construction of Workshops and classrooms to accommodate a Plumbing technology trade at Muhororo TVET school, for level 3 to level 5.

The main objective of this assignment is to mobilise an international plumbing Expert who will assess and provide inputs to the proposed design of the Plumbing Technology workshops and provide a detailed and justified list of the necessary equipment, tools, materials, furniture and fixtures in accordance with the curriculum, training standards and best practices.

To achieve this objective, the plumbing Expert will conduct the following tasks:

- Organize meeting(s) with the design company and Rwanda TVET Board to get their inputs
- Review the proposed architectural layout/design of the Plumbing Technology workshops and provide recommendations for improvement if any
- Assess if different types of working spaces of plumbing workshops have been considered based on its type.
- Assess the adequacy of the workshops in terms of space utilization, functionality, safety, and alignment with training requirements.
- Advise on any specialized required installations needed in the workshop.
- Identify and list the required tools, equipment, materials, furniture and fixtures for effective delivery of plumbing technology training (both basic and advanced levels), including specifications, quantities, pictures and estimated prices.
- Ensure that the list is aligned with the national training curriculum (or other recognized frameworks if applicable).

In order to successfully accomplish his/her mission, the expert will work under the supervision of Rwanda TVET Board and Expertise France component manager.

Through AFTER 2 project funds, Expertise France will provide technical and coordination support as well as covering all the costs related to this assignment.

3. Deliverables

Expertise France is supporting Rwanda TVET Board in the implementation of AFTER II project. In this framework, Expertise France will mobilise an individual plumbing Expert who will assess and provide inputs to the proposed design of the Plumbing Technology workshops and provide a detailed and justified list of the necessary equipment, tools, and materials in accordance with the curriculum, training standards and best practices. The estimated number of days are 15.

The expert will provide the following deliverables:

Deliverables	Estimated number of days	End date
1. A final detailed report with findings and recommendation on the types of workshops, layout design, specific installations, space utilisation, functionality, safety, and other requirement of the plumbing technology trade	5	10 days after from the reception of the design
2. A final list of the required tools, equipment, materials, furniture and fixtures with clear technical specifications, quantities, pictures and estimated prices.	10	20 days after the approval of the deliverable 1

Note: The expert should seek approval from Rwanda TVET Board for all the deliverables and include their comments/feedback in the final report

4. Requested profile

The plumbing Expert should possess the following qualifications:

- At least a Bachelor's in plumbing technology or related field
- At least 10 years of practical experience in plumbing technology training and workshop management.
- At least 10 years of practical experience in plumbing technology industry.
- Proven experience in designing or equipping technical and vocational training workshops is an added value
- Familiarity with competency-based training (CBT) approaches and national TVET standards.
- Strong analytical and reporting skills.

5. Calendar

The assignment is expected to be completed within 15 working days over a period of 5 months starting from the date of contract signature.