



Schola Europaea
European School of Mol
Europawijk 100
2400 Mol

Date: 23/09/2026

TENDER SPECIFICATIONS

- TECHNICAL - part 2

Procedure No 2026_13

INSTALLATION OF ALARM PROTECTION COMPONENTS

Type of procedure: **Open procedure.**

Estimated Value: **7000.000,00€**

Award method: **best value for money**

Type of contract: **framework contract**

Contracting authority: **European School of Mol (ESMOL)**

TABLE OF CONTENTS

1.	GENERAL PROJECT OVERVIEW.....	3
2.	CORE FUNCTIONAL & PERFORMANCE REQUIREMENTS	3
2.1.	Expected Output / Capacity:.....	3
2.2.	Performance Metrics:.....	3
2.3	External Services, Scope of Work & Schedule	3
2.3.1.	Definition of Tasks:.....	3
2.3.2.	Company Technical Requirements:.....	3
2.3.3.	Service Inclusions & SLA Parameters: T	4
2.3.4.	Schedule of Activities:.....	4
3.	DETAILED TECHNICAL & MATERIAL CHARACTERISTICS	4
3.1.	Physical / Material Traits:	4
3.1.1.	Applicable Technical Standards:.....	4
3.1.2.	Accessibility Requirements:	7
3.1.3.	Environmental & Sustainability Safeguards:.....	7

1. GENERAL PROJECT OVERVIEW

Requesting Department:	<i>Safety & Security</i>
Department Contact Person:	<i>JANNIS Jeroen</i> SSO jannisje@staff.eurisc.eu
Brief Description of Need:	<i>Installation of new fire alarm central, detectors, control panels, alarm buttons, etc. in the building of the European School Mol.</i>

2. CORE FUNCTIONAL & PERFORMANCE REQUIREMENTS

2.1. Expected Output / Capacity:

The new system must comply with the current legal requirements regarding fire safety.

The system must comply with all applicable legislation at the time of signing the contract.

2.2. Performance Metrics:

The new system must cover 100% of the buildings requested and must be fully operational 24/24 and 7/7.

2.3 External Services, Scope of Work & Schedule

2.3.1. Definition of Tasks:

Installation of hardware (including cabling) and software to make the new fire safety system fully operational and manageable from a distance.

2.3.2. Company Technical Requirements:

The company must have the necessary, experience, diplomas and certificates that allow them to install fire alarm systems for school environments.

They must work with their own machinery, tools, equipment or infrastructure, that complies with the legislation in Europe regarding fire safety installations.

2.3.3. Service Inclusions & SLA Parameters: T

The contractor must provide a basic service for installation and maintenance if necessary. Call out in case of repairs that are linked to the installation of the fire alarm system.

2.3.4. Schedule of Activities:

The contractor shall start the works in cooperation with the school to install the fire alarm system within a normal timeline of works.

A maximum of 15 weeks is estimated for the completion of the work, starting from the acceptance of the project; however, the contractor may propose a shorter timeframe, which will be taken into account in the award criteria.

The installation and assembly works shall be described on the basis of the number of workers assigned to the works and the number of working hours per day, in accordance with the schedule agreed with the Contracting Authority.

Finally, the Contractor shall also be responsible for the design, engineering, certification of the systems in accordance with the applicable technical standards and regulations, and their legalisation.

Upon completion of the works, the Contractor shall provide the Contracting Authority with the corresponding technical dossiers, drawings, certificates and all other documentation required to demonstrate the proper completion, certification and legalisation of the systems

3. DETAILED TECHNICAL & MATERIAL CHARACTERISTICS

3.1. Physical / Material Traits:

See separate Excel documents

3.1.1. Applicable Technical Standards:

See list of products to delivery and install:

The following list applies to the three buildings initially proposed for development. However, the estimated value of up to €700,000 is also intended to cover potential future requests of a similar nature that may arise during the four-year term of the framework contract.

POS	ARTICLE
1,1	Intelligent modular
	Fire alarm panel

	Extra Large Body, Heavier Power Supply, All Mounting Material Included Up to 8 Barrel Execution 1 central unit must serve as central control for all alarms on the domain. It must be able to report all alarms, inform those responsible, etc. In the future, it should also form the central control for the amok alarm, camera surveillance, PA system, compartmentalization, smoke vents, emergency doors, etc... (Assembly in the technical room)
1,2	12V Lead acid battery for central 26 Ah (Assembly in the control panel)
1,3	2 LUS Expansion Board Galvanic isolation (Assembly in central unit) Extension card for central control in the Administration
1,4	Phone dialer including power converter including connection material (Mounting in technical room)
1,5	6A ACTIVE Repeat Board Assembly material included (Assembly in the main entrance)
1,6	Module card Communication module repeating board (Mounting in central unit)
1,7	Analogue Optical detector + base Label numbering included (Assembly according to plans)
1,8	Analogue manual fire alarm warning + Resopal plate according to the company standard incl small mounting material included Assembly according to plans
1,9	Red siren mounting hardware included Mounting according to plans
1,1	Red siren -ROLP + Flash mounting hardware included

1,11	FAAST FLEX
	label numbering included ASD Aspiration unit elevator shaft (Assembly according to plans)
1,12	M701 output module including surface-mounted box small mounting material included Controls lift
	RESET MODULE
	READING MODULE
1,13	EN 54 (Approved power supply 2x 2.5A for control of heat cable and extractors corridors)
	equipped with all possible contacts to monitor the power supply)
	Mounting material included
	(Assembly in technical room)
1,14	12V lead-acid battery for 17Ah power supply
	(Mounting in power supply)

POS	DESCRIPTION
2,1	Cabling assembly work, cfr design and compliance with the operating standard - S21/100 vital current paths.
	Assembly of components, commissioning
	Fireproof cable
	tube 25mm, clamps, sleeves tube
	20mm, clamp, sleeves
	Anchors + brackets Functional integrity

LAYOUT OF SCHEMATICS, AS-BUILT FILE, ENGINEERING PER BUILDING

POS	DESCRIPTION
3,1	Drawing up plans / drawing addresses
	according to inspection requirements
	Drawing up an as-built file for BTV

3,2	Preparation of As-built file project management, engineering
3,3	inspection cfr standard BTV once

All equipment and systems installed shall operate using open standards and open interfaces, and according to the EU standards, so that they can be readily integrated in the future into detection and control systems, regardless of the platform, software, programming language or other system used.

Accordingly, tenders proposing systems subject to restrictive conditions, specific proprietary licences, brand exclusivity rights or any other limitation that could hinder future integration, interoperability, operation or maintenance by the Contracting Authority shall be rejected.

3.1.2. Accessibility Requirements:

The fire alarm system will have accommodate users with physical, visual or cognitive disabilities according to the European legislation.

3.1.3. Environmental & Sustainability Safeguards:

The used materials will have to fit the current European standards regarding eco friendly materials and waste minimization.