

PROJECT: "WORK ON A FACILITY FOR UNACCOMPANIED MINORS"

Location: 28 Filippou Street, Piraeus

**TECHNICAL DESCRIPTION**

This project involves renovation works in the building at 28 Filippou Street, Piraeus, which consists of a basement, ground floor, first floor, second floor, and penthouse. The works aim to ensure the smooth and safe operation of the building. The required tasks focus on facilitating the living conditions of the residents and the overall functioning of the facility, with particular emphasis on safety.

All works will be carried out in accordance with applicable regulations and standards, and all necessary health and safety measures will be maintained during the works for both workers and visitors, as well as local residents. Every effort will be made to minimize disturbances.

The following describes the works by floor as well as tasks that concern the entire building.

A. WORKS BY FLOOR

A1. GROUND FLOOR

The bathroom of Room D3 will be converted into an accessible bathroom for individuals with disabilities, equipped with all necessary facilities. A new hydraulic installation (supply-drainage) will be made at the new locations of the sink and toilet, as indicated by the supervision. A toilet and sink will be installed according to necessary specifications, including grab bars for individuals with disabilities and a foldable shower seat. The bathroom floor will be tiled with ceramic tiles as described in the BoQ.

A portable ramp with a width of 1.00-1.20m, a slope of 5%, and a rise of 0.18m will be installed at the entrance of the bathroom. The surface for wheelchair rolling will be made of a type of sheet metal called "kritharaki."

The existing door will have its opening direction changed, and a bar will be installed for internal opening, along with a lock with a knob externally.

Protective railings with a strut frame (50x30) will be installed on the window of Room D3 (accessible), which will incorporate construction mesh (5x5). The frame will be placed on the outer side of the wall and secured appropriately (with brackets, screws, etc.). The strut frame will be treated (filling, sanding, etc.) and will be coated with two layers of anti-rust paint and colored.

An access ramp, similar to the one at the entrance of the accessible bathroom, will be installed on the sidewalk in front of the building entrance and one at the entrance of the building.

## A2. FIRST FLOOR

In the corridor of the first floor, existing transmitters will be placed in a wall-mounted box.

An existing simple handrail will be installed in the stairwell from the ground floor to the first floor.

## A3. PENTHOUSE

On the roof, a new dual-energy solar water heater with a single panel of 200 liters will be installed. It will be connected in series with the existing operational solar water heater, on a sturdy galvanized support base made of shaped sheets.

## **B. GENERAL WORKS**

### B1. Electrical Works

Visible wiring throughout the interior of the building will be organized and covered in conduits. Horizontal runs of wiring that are visible will be installed at a height greater than 2.10m, and vertical wiring will be placed in appropriately secured electrical conduits.

### B2. Metal Works

Protective railings with a strut frame (50x30) will be installed on the windows of the emergency exit stairwell, incorporating construction mesh (5x5). The frame will be placed on the outer side of the wall and secured appropriately. The strut frame will be treated and painted as described above.

Handrails and safety railings will be installed on the free side of the emergency stair as detailed in the BoQ.

### B3. Painting

Approximately 200 m<sup>2</sup> of wall or ceiling surfaces will be painted in areas indicated by supervision. All necessary preparations are included, and local interventions on small surfaces are not excluded.

### B5. Building Handover

The building will be delivered ready for use. Debris, leftover materials, etc., will be removed at the contractor's responsibility to appropriate disposal sites for such materials. Damages that may occur during the works must be restored by the contractor. All necessary safety measures are solely the contractor's responsibility. Given that the works will be carried out during the facility's operating hours, the contractor is solely responsible for the security of materials and tools. At the end of the working day, the facility will be handed over clean and ready to operate. Special care must be taken to secure tools and materials that may be hazardous to untrained individuals.

It is the contractor's obligation to inform the supervisor of the commencement and progress of all types of works, as well as to promptly inform them of any difficulties or problems that arise during the process. The materials to be used, as per the BOQ, are subject to the supervisor's approval, and their proper functioning and quality are the contractor's responsibility. The estimated completion time for the works is 20-25 work days, and the contractor must submit a work schedule and timeline to the supervisor.

It is the contractor's obligation to coverage the employees' insurance (IKA)

The contractor is responsible for the removal of all waste and construction materials and their disposal in designated areas for construction materials. Should containers be used, the costs and the issuance of permits for container placement, etc., are the contractor's responsibility and obligations. The articles of work (BoQ), even if not specifically mentioned, are understood to mean complete completion of the referenced works and include the purchase, supply, transportation of all necessary materials, spare parts, etc., as well as any necessary work, even if not specifically mentioned. The referenced works (articles) are understood to be deliverable with quality construction, completed and fully functional.

The above works are described in detail in the BOQ accompanying this Technical Description.