PROJECT NAME:
Reconstruction of 9-year school "EMIN DURAKU",
Municipality of Tirana.

Programme Title: EU4Schools
Financed by: European Union EU
Design Team: HT Construction (High Tech Construction) Sh.p.k
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1. Geographical position of the building

9-year school "Emin Duraku"

9-year school "Emin Duraku" is located in the western part of Tirana city.

Positioned in one of the most popular areas of the city, it is one of the schools with a very good reputation in the capital. It is located about 1.4 km near the city center.

It is located at the crossroad of "Pjetër Bogdani" street with "Gjin Bue Shpata" street.

Currently, this school accommodates about 1300 students and has an existing construction area of 3900m² spread over 3 floors. This existing capacity of the students is not according to the norms of the school design standard.
General data of the BUILDING

The proposal comes with a new building with a construction area of 6736 m² in total.

This facility accommodates students respecting all design standards.

The main entrance to the school premises is from the street "Gjin Bue Shpata".

<table>
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<th>Property Area</th>
<th>4922 m²</th>
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<td>Ground floor area</td>
<td>2136 m²</td>
</tr>
<tr>
<td>construction surface on the ground</td>
<td>6736 m²</td>
</tr>
<tr>
<td>Floor area ratio</td>
<td>43.4%</td>
</tr>
<tr>
<td>Building intensity:</td>
<td>1.36</td>
</tr>
<tr>
<td>Max height</td>
<td>17.34 m</td>
</tr>
<tr>
<td>Max floor number</td>
<td>4 K</td>
</tr>
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</table>
The building is organized with 2 separate volumes. The first L-shaped perimeter volume accommodates classrooms, laboratories and any other academic environment.

The second volume, located in the southern part of the property, is the volume of the gym together with all its auxiliary facilities.
The perimeter and the center of the school will be enriched by a high, medium and low greenery, making it possible to absorb noise and pollution, as the position of the school is in one of the areas with high density of movement and population.
The school is organized in a volume with 4 floors and volume 1 floor of the gym, with an intermediate floor.

Entrances to the facility are equipped with ramps for people with disabilities.

Vertical movement is realized through the stairs and the elevator.

The building is equipped with 2 stairs, 1 elevator, hygienic-sanitary facilities, emergency stairs and any other necessary environment.
Ground floor

Ground floor 1456 m2, 10 classrooms, 1 laboratory, doctor, psychologist, 3 preschool classes, 1 class for children, sanitary facilities for preschool, Technical environment, stairs, elevator, corridors, technical facilities.
First floor

First floor 1491 m², 13 classrooms, 1 laboratory, teachers' room, 14 bathrooms, administration, toilet for people with disabilities, electrical technical facilities.
Second floor

Second floor 1491 m², 13 classrooms, 14 sanitary units m / f, stairs 1 laboratory, library, 1 sanitary unit for people with disabilities, stairs and elevator.
Third floor

Third floor 1491 m², 14 classrooms, 14 sanitary units m / f, stairs 1 laboratory, event hall, 1 sanitary unit for people with disabilities, stairs and elevator.
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Section plan
The construction of buildings such as school and gym will be monolithic walls in columns, the perimeter of the building and the interior partitions will be made of brick, the windows will be aluminum double glazed thermal system, the insulation of the building from the outside will be done with a hood system, the corridors of the building will have suspended ceilings for the passage of the electrical network as well as the cooling system, heating and cooling.

Ground floor gym layout

Ground floor of the gym 683 m2, changing rooms, toilets and showers, male and female.
Second floor gym layout

second floor of the gym 124 m2, locker room, toilets and showers, male professor female.
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3d images

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