

BILL OF QUANTITIES FOR REHABILITATION WORKS ON THE BUILDING OF THE SCHOOL OF ECONOMY AND TRADE IN PARAĆIN

DESCRIPTION OF THE SITUATION AND REQUIRED REHABILITATION WORK

Building of the High School Centre in Paraćin was constructed in period from 1958 to 1968. Subject of rehabilitation is a part of this Centre, Block C, occupied by the School of Economy and Trade, consisting of basement and three stories above the ground and of approximate dimensions of 78x13m, more precisely the levels of basement and ground floor, which were damaged in flood in May 2014.

In May 2014, flood water entered the basement up to its ceiling. Long presence of water caused visible deformations, such as sagging of floors on the ground and cracks and even collapse of some walls on the ground floor. Concept of rehabilitation was determined after detailed surveys, investigations and tests, description and findings of which are included in the Main Design of rehabilitation works.

The Main Design of rehabilitation works is developed based on performed and documented surveys, investigations and tests and the works described in it include:

- Demolitions and disassembling of partition walls, slabs of reinforced concrete on the ground with adjunct flooring, damaged flooring on stable slabs, knocking off of damaged mortar and ceramic tiles and similar,
- Excavations, concreting and insulating works for purposes of construction of foundation walls, columns and lightingshafts and insulation of basement premises and floor slabs,
- Construction of new slabs of reinforced concrete on the ground with ancillary foundation columns and walls,
- Construction of new partition walls instead of the removed ones as well as basement walls with lightingshafts
- Mounting of new flooring and finishing of walls and ceilings in the affected parts of the building,
- Replacement of old sanitary elements with new ones on the ground floor with new formation of a toilet for disabled persons,
- Replacement of damaged windows and doors in the basement and part of the ground floor,
- Replacement of derelict steel staircase between basement and ground floor,
- Replacement of elements of electrical installation (cabling, lighting and terminals) in rooms in which the walls are demolished and reconstructed,
- Disassembling and painting of radiators and painting of central heating pipelines and reassembling of radiators on a part of the ground floor,
- Various supplemental works described in detail in the Bill of Quantities.

All works are described in detail in the Bill of Quantities and the Main Design of rehabilitation works in the School of Economy and Trade in Paraćin.

GENERAL CONDITIONS AND WORK EXECUTION CONDITIONS

- For all work that needs to be done it shall be assumed that the contractor has included in the unit price of the priced bill of quantities all required preparatory and finishing work, any surpluses and unforeseen work that shall have to be performed to ensure high quality of performed work and the completion of the assignment according to standing regulations, norms and standards.
- The contractor shall be obligated to get familiarized in a timely and detailed manner with the building, required work and the Bill of Quantities based on which the contracted work shall be performed and to ask the contracting authority in a timely manner for all and any clarifications regarding insufficiently specified items on the Bill of Quantities.
- The contractor shall be obligated to perform contracted work in a manner and within the deadlines specified in the contract, regulations and rules of the profession.
- The contractor shall be considered competent and experienced and that the examination of the building has provided him with a precise estimate of the scope and type of work that must be performed in order to hand over the building to the user in a fully functional state in terms of necessary rehabilitation work.

- The contractor shall also be obligated to perform all and any unforeseen work. The price established in the total amount shall not be changed due to surpluses or shortages or unforeseen work of any kind.
- The 'turnkey' provision in the contract and other similar phrases shall entail that the price shall also include the value of all unforeseen work and surplus work and that the contracted price shall not be affected by any shortage of work.
- All work must be fully completed and the building shall be handed over ready-to-use; this shall be considered as included in the contracted price.
- Entire work must be performed professionally and precisely. Prior to use all materials shall be checked and approved for use by the Supervisor, and all and any objections and orders the Supervisor shall have in view of the quality of work or materials shall be binding for the Contractor.
- It shall be considered that the Contractor has calculated all costs related to the finalisation of each work item including the value of all required material with distribution, human and machine work, interior and exterior work and transportation, manufacture and utilization of tools, scaffolding, formwork etc as well as all and any other costs and expenditures related to work execution such as: overheads, salaries, social contributions, taxes, fees and all other costs and expenditures conditioned by the standing regulations.
- It shall be considered that the Contractor, after having familiarised himself with the terrain and building in question, has included in the price all possible special conditions and circumstances under which the work in question shall be performed in compliance with the technical regulations for the performance of any type of work.