**The contents of the sections of project documentation for the objects of the capital construction**

Section I. “Construction examination” should contain:

1. Compiling of expert conclusions on the condition of the hood-bearing structures of the building (foundations, walls, overlaps, girders and beams) that need to be renovated in order to detect the defects and the reasonability of the building renovation for their further running.

Section II. “The land plan” should contain:

1. Hand-use layout with depicting solutions on general layout, public services, and amenities, soft landscaping and illumination of the territory.
2. Master plan of the engineering network with designation of the connecting points of the designed project to currently existent engineering networks.
3. Description of the solutions on finishing of the main, subsidiary, servicing and technical buildings.
4. Description of architectural concept providing natural lightening of habitable inner spaces.
5. Description of architectural and construction providing protection of the premises from noise, vibration and any other effects.

Its graphic section should include:

1. Layout of the facades.
2. Floor plans of the buildings featuring breakdown of premises.

Section III. “Constructive and space-and-planning solutions” should contain:

1. Substantiation of project decisions and measures providing adherence of the heat-proofing parameters of the building envelope; reduction of noise and vibration; hydro isolation and vapour seal of the premises; reduction of gas pollution of the premises; elimination of heat excess; adherence of safe electromagnetic and other emissions; adherence of sanitary and hygienic conditions; fire safety.
2. Characteristics and substantiation of floor, roof, counter ceiling and partition structures as well as interior decoration.

The list measures aimed at protection of building structures and foundations from destruction.

Graphic section should include:

1. Floor plans of buildings and structures with exact measures and explication of the premises.
2. Sectional drawing of the premises depicting load-bearing structures and building envelopes, indications of relevant elevation marks of the constructions, floors, beam’s bottom, girders, finishing coats with description of the constructions of roof coating and other elements.
3. Drawing of the plan fragments and sections that requires requiring fully detailed picture.
4. Layout of frameworks and connection joint of building structure.
5. Plan of crossovers, covering and roof coating.
6. Layout of building envelopes and partitions.
7. Plan of foundation sections.

Section IV. “Information on engineering equipment, engineering network, list of engineering works, contents of technology solutions” should contain:

*“Power supply system” subsection of Section IV should contain:*

In graphic section:

1. General layout of lightening network for non-process buildings (NPB).
2. General layout of emergency lighting network.
3. Layout of earthing and lightning protectors.
4. Layout of power supply network.

*In water supply system*:

1. Information on water consumption for household usage, including automatic firefighting, technical water supply and recycling water supply.
2. Information on actual and required water head in the network, project solutions and engineering equipment for the required water head.
3. Description of water supply automation system.
4. Description of hot water supply system.
5. Calculation on hot water consumption.
6. General layouts of water supply systems for the object of capital construction.
7. Plan of water supply network.

*In water disposal system*:

1. Information on existing and projected systems of sewages, water disposal and waste water clearing stations.
2. Substantiation of the set systems of waste water collection and disposal, as well as volume of waste water.
3. Description and substantiation of the layout of sewer line laying.
4. Solutions regarding drainage and estimated volume of rainfall run-off.
5. Solutions on collecting and disposing of drainage water.

In graphic section.

1. General layouts of sewage and water disposal systems for the object of the capital construction.
2. General layouts of laying of external water disposal networks, rainfall and waste water run-off.
3. Plan of water disposal network.

*“Ventilation and air conditioning” subsection of Section IV should contain*:

1. Information on climatic and meteorological conditions of the construction area, as well as estimated parameters of the outdoor air.
2. Substantiation of the accepted systems and the general solutions on ventilation and air conditioning of the premises.
3. Description of technological concept ensuring reliability of system operation in extreme conditions.
4. Description of ventilation and air conditioning systems.

*“Communication network” subsection of Section IV should contain*:

1. Characteristics of the composition and structure of the premises, communication lines, cable TV, Internet.

In graphic section:

1. Plan of equipment disposition.
2. Plan of communication lines, cable TV and Internet.

*“Gas supply system” subsection of Section IV should contain*:

1. Plan of gas-supply system.

Section V. “Fire safety measures” should contain:

1. Description and substantiation of fire safety system (automatic fire-control units, fire alarm, systems of alerting and evacuation control in case of fire, inner fire-prevention water supply system, smoke protection).

In graphic section:

1. Site layout plan of the land’s structure provided for the object of the capital construction with indication of entrances/exits and access ways approaches to the objects of firefighting machinery dispositions and capacities of fire tanks (in case of availability), plans of external fire-prevention water supply system lay, locations of fire hydrants and pumping plants, plans of fire alarm of the premises.
2. Evacuation plan from the buildings and adjacent territory in case of fire.

Section VI. “Costs estimation for the objects of the capital construction”:

1. Estimate budget for expert’s conclusions on all building subject to capital construction.
2. Estimate budget for the project work completion.
3. Estimate budget for construction and repair works on each object with obligatory information on the cost of work and cost of materials.

Section VII. “Schedule of the work stages”.