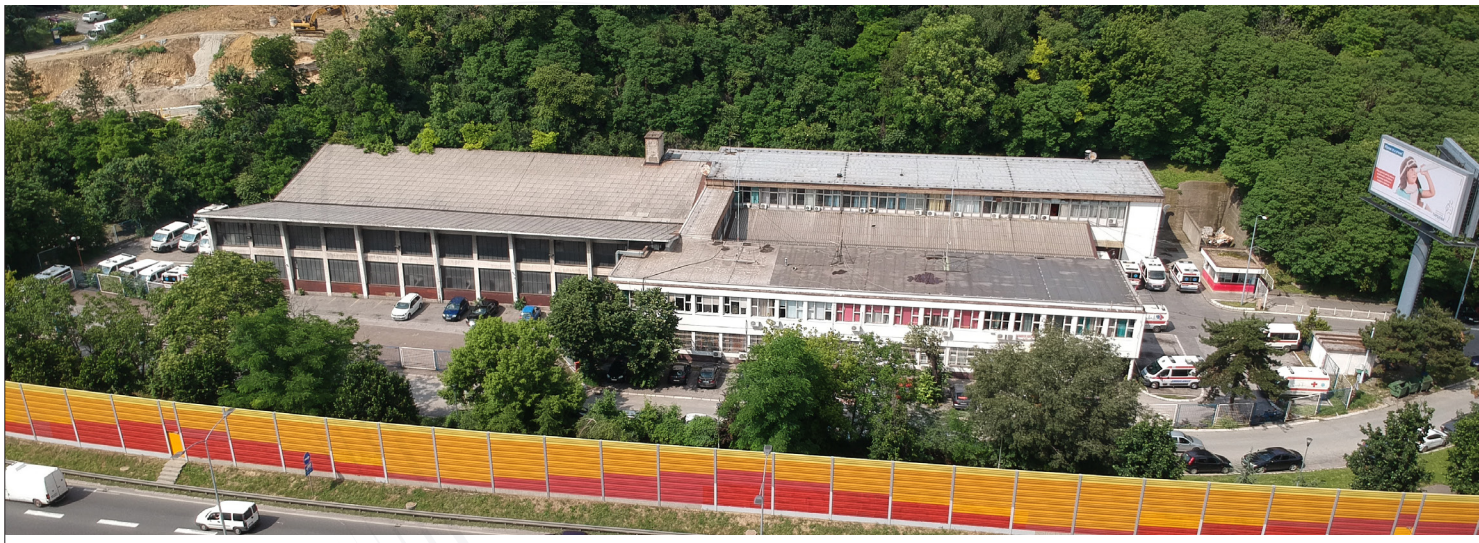
REPUBLIC OF SERBIA
MINISTRY OF EUROPEAN INTEGRATION

MINISTRY OF FINANCE
Department for Contracting and Financing
of EU Funded Programmes

#ЕУ ЗА ТЕБЕ

EU PPF
PROJECT PREPARATION FACILITY



CITY OF BELGRADE MEDICAL EMERGENCY DEPARTMENT (CBEMI)

KEY INFORMATION ABOUT THE PROJECT

PREPARATION OF THE PROJECT FOR EXECUTION OF WORKS AND PREPARATION OF TENDER DOCUMENTATION FOR CITY OF BELGRADE MEDICAL EMERGENCY DEPARTMENT

ЕУ ППФ6/EuropeAid/137044/DH/SER/RS

Sector: Energy/Energy efficiency

Preparation of the technical documentation for City of Belgrade Medical Emergency Department (hereafter: CBEMI) started through UNDP project "Open Communities Successful Communities" financed by the European Union (hereinafter UNDP project), which has the objective to enhance local level service provision and capacity building in the host communities affected by the migration crisis.

PPF6 project was assigned to continue with e development and to complete the preparation of the remaining technical and tender documentation for demolition, construction, expansion and reconstruction works of CBEMI facility in Belgrade. The main project-related facts: The complex consists of three blocks (buildings A, B and C) with total useful area of 4,300 m^2. The complex was originally built in the 50's of the previous century. After the reconstruction and expansion the total useful area will increase up to 8,000 m^2.

The current thermal properties of the buildings are unfavorable and also, during the last 20 years, the buildings has lacked adequate investment maintenance resulting with unsatisfactory building comfort, services and interior. The overall objective of this thermal rehabilitation project is to enhance living and working conditions by improving energy efficiency in heating/air-conditioning of the public buildings.

Consequently, proposed measures include the following: Block A will be demolished, and new building will be constructed. New canopy will be constructed between all three blocks. The most typical measures to be included in the rehabilitation of buildings B and C would include: 1) Windows replacement, 2) Construction of façade insulation; 3) Roof insulation and reconstruction of water proofing, including the associated works on rain gutters and electrical earthing installation; 4) Reconstruction of heating system; 5)

Reconstruction of the electric lighting installation and installation of new energy efficient lighting, screening of the switch boards cabinets and reconstruction if required; 6) Reconstruction of existing air-conditioning and ventilation systems; 7) Reconstruction of the existing toilets and sanitation services; 8) Reconstruction of floor covers; 9) Construction of fire alarms and signaling; 10) Installation of building management system (BMS) and energy monitoring system (EMS) that would provide continuous monitoring of energy consumption and corresponding savings, 11) Reconstruction of the telecommunication system.

PROJECT OBJECTIVES

The overall objective of the "CBEMI project" is to enhance living conditions in Serbia through enhancing local level of medical service provision and capacity building, with focus on improving energy efficiency of the public buildings. Energy efficiency legal requirements in the Republic of Serbia naturally must be fulfilled, i.e. newly designed Block A must be of grade "C" or higher, while the reconstructed Blocks B and C must comply with requirements of national energy efficiency regulations.

PROJECT PURPOSE

The main purpose of "CBEMI project" is preparation of technical and tender documentation for demolition, construction, expansion and reconstruction works on the CBEMI with energy efficiency measures. Based on the scope of the services and expected outputs from the UNDP project, PPF6 will prepare the following technical documentation.

RESULTS

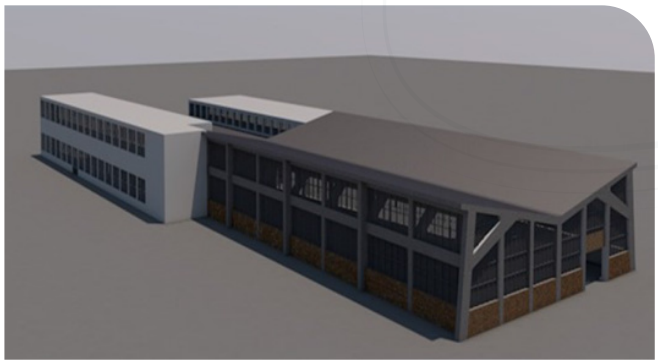
Within the framework of Belgrade project, PPF6 expert team shall prepare:

- Energy & Technical Audit Report – completed in August 2021;
- Feasibility Study with CBA – completed in August 2021;
- Design for Execution of Works DEW – August 2021;
- Tender documentation for works contracts – November 2021;
- Accompanying training programme for increasing administrative, management and operational capacity of the project stakeholders – Completed.

PROJECT WORK PLAN

Project outputs

Energy & Technical Audit Report	Feasibility Study with CBA	Design for Execution of Works DEW	Tender documentation
August 2021	**August 2021**	**August 2021**	**November 2021**



3D model of an existing building

3D model of the HP building after reconstruction