



# Communal Non-Profit Enterprise «Chernihiv Central District Hospital» of Chernihiv District Council of Chernihiv Region

**The hospital was founded in 1956 as a central medical institution to serve residents of the Chernihiv region. On the territory of more than 5 hectares, there is a complete property complex which consists of 27 buildings and structures, including a protective structure of civil protection-shelter. The institution provides emergency and scheduled medical care to more than 150,000 residents of the Chernihiv district round the clock.**



The institution employs 473 employees including 85 doctors and 186 nurse. Up to 130,000 outpatient visits to doctors in 23 medical specializations are registered annually. There are 295 beds in the following departments of the hospital: the department of specialized stroke care; the department of anesthesiology and intensive therapy; the department of physical and rehabilitative medicine; the therapeutic department; the pediatric department; the department of infectious diseases; the surgical department; the department of orthopedics and traumatology; the department of gynecology and obstetrics. As a part of the surgical department there is an operating unit with four operating rooms. It also works round the clock.



Hospital performance indicators	2022	2023
<b>Outpatient polyclinic care (number of polyclinic visits)</b>	78277	109065
<b>Inpatient care (number of treated cases)</b>	6852	9894
<b>Surgical work</b>		
Operative interventions were performed in the hospital	1898	2196
Outpatient	1733	2116
<b>Provision of obstetric and gynecological care (delivery accepted)</b>	244	287



Military operations were conducted in the city of Chernihiv in February and March. At that time the Non-Commercial Enterprise “Chernihiv Central District Hospital” of the Chernihiv District Council of the Chernihiv Region was on the line of confrontation and under direct conduct of hostilities. On March 4, the institution came under missile, bomb and artillery strikes. As a result, almost of all buildings and structures suffered and were damaged to different degrees.





**A huge restoration work of almost all buildings and structures of the hospital was carried out, thanks to charitable organizations, including international ones, and the hard work of the hospital staff and caring people.**

**Currently, the issue of capital repair of the air raid shelter, which is necessary for the functioning of the medical institution, is very urgent. Missile attacks force a quick response.**

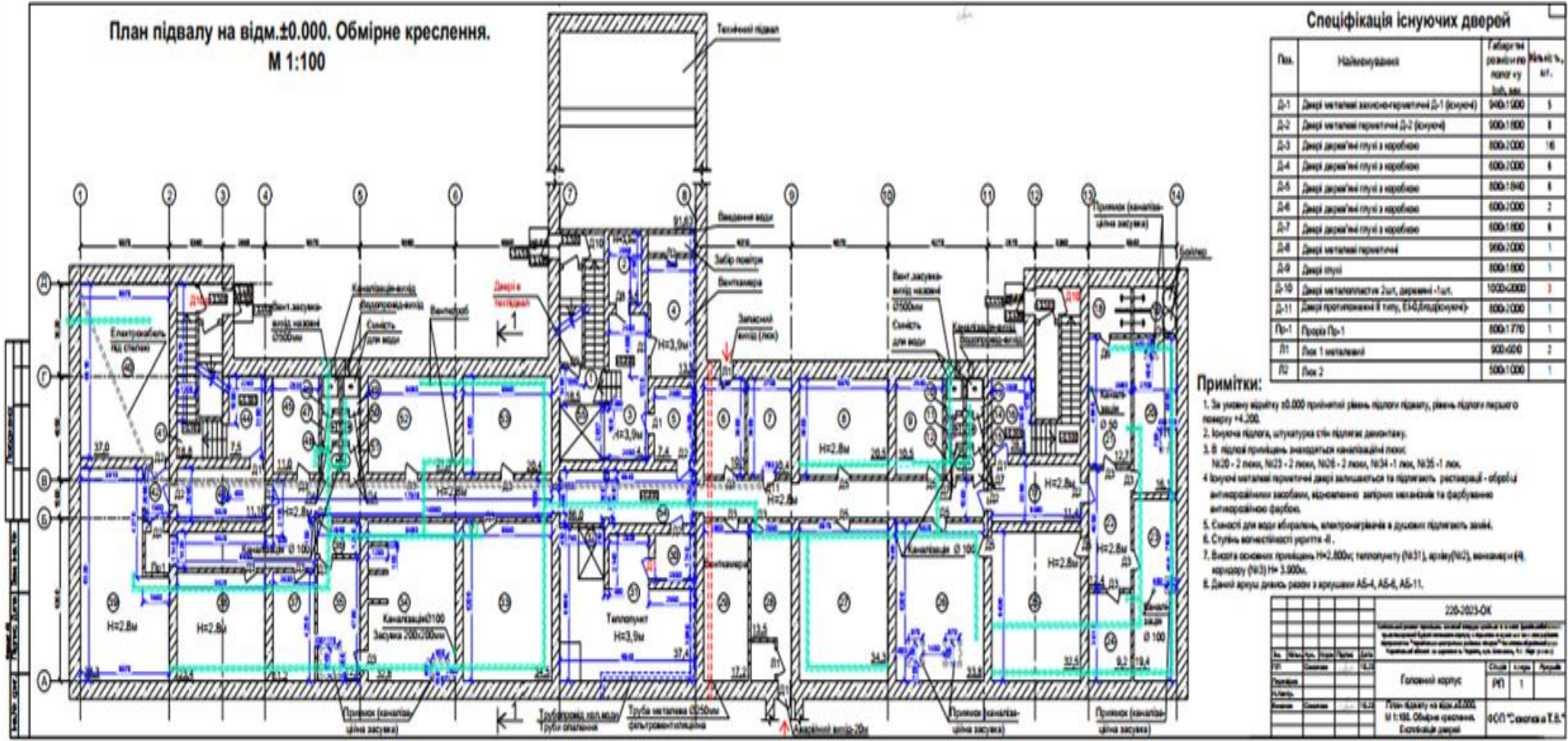


## Project : “Major Repair of the Protective Structure of Civil Protection (Civil Defense) Premises, Situated at the Basement of the Main Three-Story Building”.

- ▶ The project was developed in accordance with the requirements of the legislative acts of Ukraine.
- ▶ The project for the major repair of the premises of the civil defense building is worth about EUR 880,802.00.
- ▶ The shelter is of regional importance and is used by residents of nearby residential area of the city of Chernihiv.
- ▶ During the hostilities, up to 350 people stayed in the shelter every day.



# The major repair project is issued in drawings.





# Technical and Economic Indicators of the Project

1. The area of the premises to be renovated is 798.30 m<sup>2</sup>
2. Construction volume is 2790.00 m<sup>3</sup>
3. The shelter is provided for the hospital staff and patients – approximately for 350 people.
4. The number of medical workers comprises 67 people (including 30 doctors, 32 nurses, 6 technicians).
5. The number of patients is 283 people.
6. The height of the premises is 2.8 m; in particular, stairwell rooms – 4.0 m; premises of heating stations – 3.9 m.
7. The designed building has a degree of fire resistance – II.



Overhaul of the existing premises of the protective structure (civil defense) which is located in the basement of the existing hospital will take place without cessation of general work of the building. It also does not require procedure of changing the purpose of the land plot. This project of the overhaul is presented taking into account advanced technological equipment, effective use of premises, the stream of people to be sheltered, creation of normal conditions for the work of hospital staff.



# Characteristics of the Object

- ▶ The object of overhaul is an existing protective civil structure (civil defense).
- ▶ The existing premises of the defense structure (civil defense) are constantly used, taking into account the situation nowadays.
- ▶ The basement accommodates a maximum of 350 people.



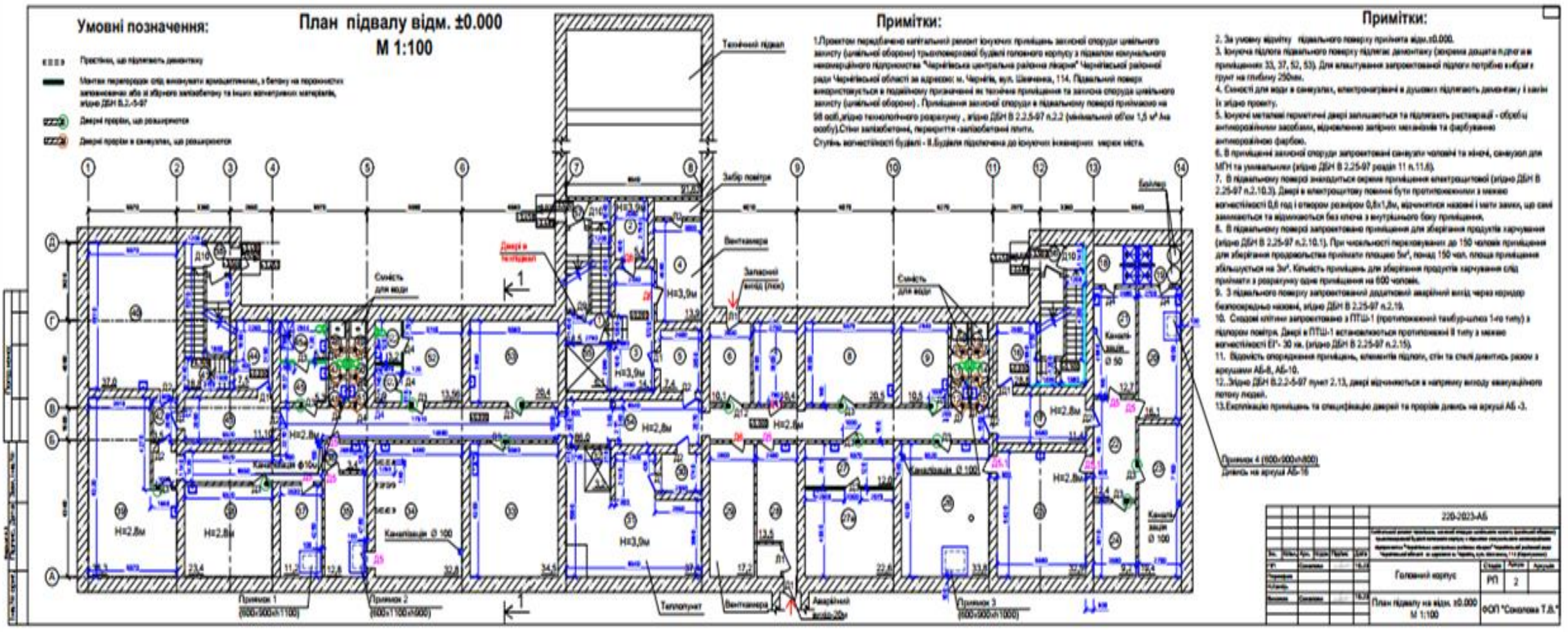
**When designing the premises of the protective structure, the living conditions for the disabled and patients with reduced mobility are the same as for the rest of the mobile patients. Unhindered movement of immobile patients inside the protective structure is designed and ensured. For this purpose, it is provided the following:**

- the floor of the basement premises without thresholds,**
- conditions for unhindered and convenient access to the protective structure by stairs for patients with special needs,**
- the stairs are equipped with metal handrails and a double-sided fence,**
- stair wall lifts are installed,**
- bathrooms and creating a barrier-free environment for comfortable movement.**

**A system of means for orientation is also provided to be installed, which is important for people with visual impairments. Informational support on all traffic routes will be available, too.**



The project envisages such a layout of premises and placement of equipment that would ensure carrying out in compliance with the requirements of technology, sanitary, hygienic, fire preventive, current architectural and construction standards of Ukraine. Major repair and equipping of the premises, new equipment enables a comfortable stay of sheltered patients, medical staff and technical personal during an air raid.



**All the necessary basic premises for the stay of patients in the shelter during an air raid are taken into account, namely:**

- ▶ premises for patients with beds and chairs,
- ▶ a room for surgery and dressing,
- ▶ a room for pre-operative sterilization,
- ▶ a sanitary room for storing medical waste material and disinfecting of bedpans,
- ▶ a room for heating food,
- ▶ a room for staff.

**Auxiliary premises are also foreseen:**

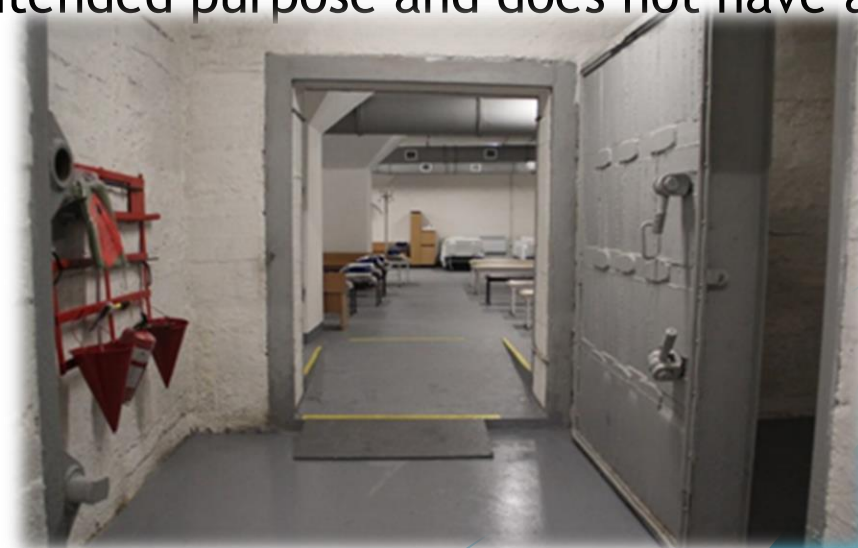
- ▶ premises for filter ventilation,
- ▶ premises for containers with drinking water and domestic water,
- ▶ a room for food storage,
- ▶ shower rooms and water closets,
- ▶ a switchboard,
- ▶ a sewage pumping station,
- ▶ vestibule airlocks.



- ▶ When making a technological decision, the following requirements are taken into account:
  - equipped workplaces for the hospital staff are placed in the premises of the protective structure in accordance with current regulations,
  - location of the premises equipment takes into account the conditions of the stay of patients, the work of the staff and possibility of performing wet cleaning.
- ▶ In general, the temperature and humidity regime, the length and width of the evacuation routes, as well as the dimensions of the openings were observed for each workplace. The premises are arranged in accordance with current sanitary and hygienic standards, conditions of convenience for working personnel and stay of patients.
- ▶ The location of technological equipment in the protective structure meets the manufacture's requirements and ensures the most convenient and safe use.



- ▶ The structure of architecture and planning has determined by technology, sanitary and fire regulations. The premises of the existing protective structure to be capitally repaired are located in the basement of the existing building and are connected to the existing city networks of water supply, drainage, electricity and heat supply.
- ▶ The project takes into account all fire safety measures in accordance with the requirements of current legislation. The designed building has a degree of fire resistance - II. The necessary number of evacuation exits is provided. Opening of the doors is provided in the direction of evacuation. The doors on the evacuation rout are provided without thresholds. The stairwells are designed with fireproof vestibule airlocks, with air support. The doors of stairwells leading to the protective structure are provided with hermetic protection for protective structures. Total duration of construction is 5.5 months.
- ▶ The defensive structure is used for its intended purpose and does not have a dual purpose in peacetime.

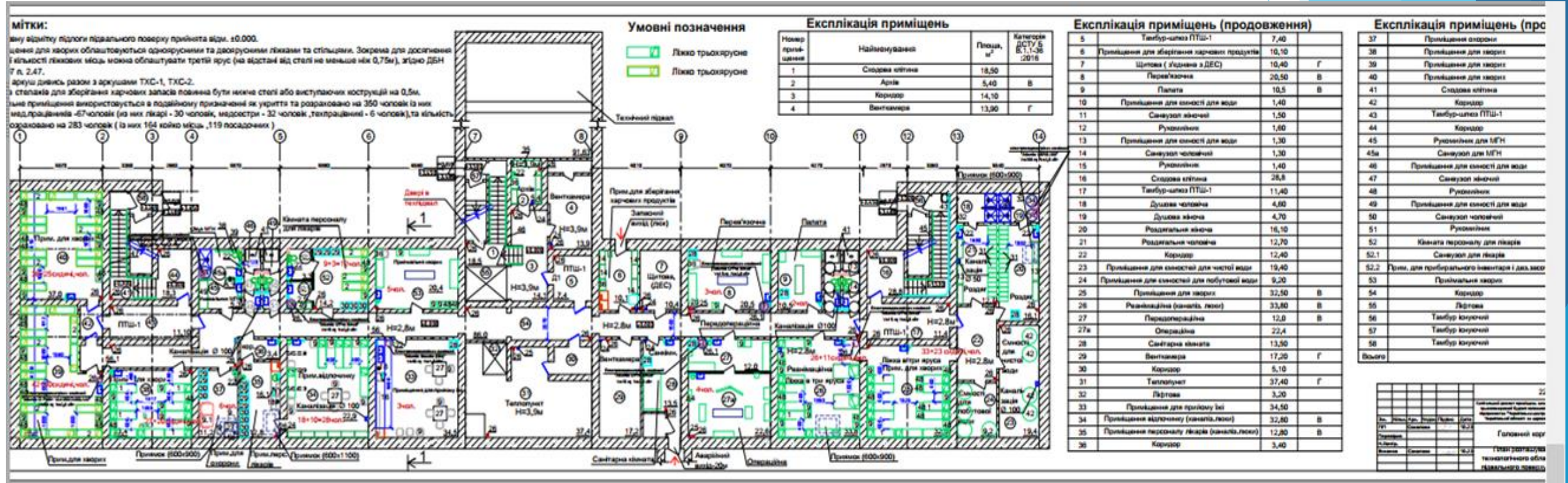




- ▶ **The heating system of the premises in the shelter is designed as an independent branch from the general heating network of the building. The radiator heating system of the designed premises of the hospital shelter is a two-pipe water system with horizontal branches from the distribution manifold (comb).**
- ▶ **The system of ventilation in the premises of defense is supply-exhaust with mechanical drive. It is designed for two modes: a clean ventilation and a filter ventilation. Provision of the premises of protective structure with hot water is carried out by capacitive electric boilers.**
- ▶ **Backup power supply is provided with the help of the existing diesel generator. Lighting devices – LED lamps.**



The project was developed in accordance with the requirements of the Law of Ukraine “On Energy Efficiency of Buildings”, resolutions and normative acts of state authorities aimed at effective use of energy in the design and operation of civil objects.



The project of main repair of premises of protective structure is presented taking into account modern requirements, progressive technological equipment, efficient use of premises.

Based on the results of the estimate documentation, which takes into account the scope of work provided for by the Work Project, compiled in accordance with the legislative acts of Ukraine.



Indications	Cost
The total estimated cost of construction in current prices as of November 7, 2023 is:	880802,00 EUR
Including:	497139,40 EUR
- construction works	
- equipment, furniture, and inventory	208075,85 EUR
- other expenses	175586,33 EUR
Out of them, incurred costs are:	8329,73 EUR
Including:	
- construction works	0,000 EUR
- equipment, furniture, and inventory	0,000 EUR
Out of them, incurred costs are:	8329,73 EUR



**Техніко – економічні (технічні) показники:**

№ п/п	Пояснення	Одиниця вимірювання	Кількість
1	Найменування об'єкту, місце розташування		«Капітальний ремонт приміщення залесної споруди вимоги проекту (шкільний об'єкт) триповерхової 6-поверхової корпусу з підвалом комунального некомерційного підприємства «Черківська центральна районна лікарня Черківської районної ради Черківської області на вул. Червона, вул. Школярів, 114» (Черківщина) Міська територіальна о. Черківка, вул. Школярів, 114
2	Характер будівництва		Капітальний ремонт
3	Площа приміщення (ар. підлоги) заг. результату	м <sup>2</sup>	796,30
4	Будівельний об'єм	м <sup>3</sup>	2790,00
5	Кількість медпрацівників	чол.	67 чоловік (з них лікарі - 30 чоловік, медсестри - 32 чоловік, медперсонал - 6 чоловік)
6	Кількість лікарів заг. результату	чол.	283 чоловік (з них 164 чоловік-лікарів, 119 медсестер)
7	Висота приміщення заг. результату: - приміщення складних клінік, - приміщення територіальних, - приміщення спеціалізованих	м	2,8 4,0 3,9
8	Ступінь важкості роботи		II
9	Загальна кошторисна вартість будівництва з включенням інших статей на «07» листопада 2023 р. складася з т.ч.: - будівельні роботи - устаткування, меблі та інвентар - інші витрати З них кошторисна вартість складатиметься з т.ч.: - будівельні роботи - устаткування, меблі та інвентар - інші витрати	тис. грн.	35252,063 10885,570 8523,034 7823,453 333,189 0,000 0,000 333,189



Примечание 1. Наименование заказчика указывается по К.Д.  
Примечание 2. Технико-экономические показатели указываются по кодам по плану К.К. В ДИИ А.2.3.5 (10)  
Объем вносимой документации по экспертному заданию на 1 страницу.  
Примечание 4. Объем вносимой документации указывается по К.1.1.



**Hospital requisites and Q-code.**

**Inna Fesenko,**  
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enterprise "Chernihiv Central  
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the Chernihiv Region



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