

Humanitarian project of KM "Glusk central hospital" is looking for sponsors



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| <p>1. <u>Project title</u>: "Improving the demographic situation - the basis for sustainable development of the Glusk district"</p> |
| <p>2. <u>Name of the organization</u>: KM "Glusk central district hospital named after the Honored Doctor of the BSSR AS Semenov"</p> |
| <p>3. <u>The physical and legal address of the organization, phone, fax, e-mail</u>: Mogilev region, Glusk, Semenova Street 5a, KM "Glusk Central District Hospital", 8-02230-78-117, 78-142, glusk_crb@gluskcrb.by</p> |
| <p>4. <u>The mission of KM "Glusk Central District Hospital"</u> is to preserve and improve the health of the population of the Glusk district.</p> <p><u>Objectives of the activity</u>:</p> <ul style="list-style-type: none">- the provision of qualified and specialized outpatient and inpatient care;- the provision of emergency medical care;- conducting sanitary-hygienic and anti-epidemic measures;- carrying out preventive measures (including immunization, the formation of a healthy lifestyle, the prevention of morbidity and disability);- carrying out activities for medical and social examination and rehabilitation. <p>The Glusk Hospital was founded in 1889. The status of a district hospital was acquired in 1946. As KM "Glusk Central District Hospital named after the Honored Doctor of the BSSR A.S.Semenov" was registered on December 30, 2004. The uniqueness of the institution lies in the fact that it is one of the few hospitals that are registered, bears the name of the Honored Doctor of the BSSR A.S. Semenova.</p> <p>KM "Glusk Central District Hospital" has no experience in project activities in the field of humanitarian cooperation.</p> |
| <p>5. <u>Head of the organization</u>: Irina Georgievna Petrova, chief doctor of KM "Glusk Central District Hospital" 8-02230-42987, +375(44) 7227083</p> |
| <p>6. <u>Project Manager</u>: Galina Sokol, Chief Accountant</p> |
| <p>7. <u>Previous assistance received from other foreign sources</u>: Humanitarian aid did not come to the address of KM "Glusk central hospital" from</p> |

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| foreign sources. |
| 8. <u>Amount Required: USD 330 000</u> |
| 9. <u>Co-financing: district budget - USD 6 000</u> |
| 10. <u>Project Duration: 1 year</u> |
| 11. <u>Project goal:</u> Stabilization of demographic indicators, increase in average life expectancy of the population, decrease in overall mortality in the Glusk district, increase in the efficiency of the real sector of the economy, sustainable development of the Glusk region |
| 12. Project Objectives: <ul style="list-style-type: none"> • Early diagnosis of chronic diseases and malignant neoplasms; • Timely provision of adequate medical care, taking into account the results of laboratory tests; • maximum coverage of the population of Glusk district with dispensary and preventive examinations with the implementation of the entire necessary spectrum of laboratory tests; • organization and implementation of screening programs; • reduction in mortality from diseases of the circulatory system; • reduction in mortality of people of working age; • reduction in the incidence of malignant neoplasms and mortality from them; • improving the quality and accessibility of medical care to the population of Glusk district. |
| 13. Target group: population of Glusk district |
| 14. Brief description of project activities: <ul style="list-style-type: none"> - examination of the population with the implementation of all necessary laboratory and instrumental research methods (including general clinical tests, electrocardiography and other instrumental studies); - increasing the availability of laboratory tests, increasing the number of persons examined, ensuring the timeliness of the examination; - conducting electrocardiographic studies at feldsher-obstetric stations in order to timely detect diseases of the circulatory system and refer patients to specialist doctors; - improving the quality of laboratory and instrumental research methods and increasing the efficiency of using medical equipment. <p>To achieve your goals and accomplish tasks you must:</p> <p>Purchase the following medical equipment at the institution:</p> <ul style="list-style-type: none"> - hematological analyzer; - biochemical analyzer; - hemocoagulometer; - analyzer of acid-base state; - 8 ECG devices; - centrifuges 2 units; - binocular microscope 2 units; - the device of ultrasonic diagnostics of the middle class. <p>Perform current repair of the clinical diagnostic laboratory:</p> <ul style="list-style-type: none"> - replacement of fillings of doorways; - replacing plumbing equipment; - replacement of utility networks; |

- replacement of lighting devices and electrical networks;
- interior finishing work.

15. Justification of the project

Based on the results of the monitoring and analysis of the demographic situation in Glusk District over the past 2 decades, it is obvious that the overall mortality rate is consistently high, which is significantly higher than the regional and national figures. Thus, in 2018, the total mortality rate in Glusk district was 25.9 ‰, which is 5.6 ‰ higher than in 2020, the average life expectancy in the Glusk district did not reach the target and amounted to 73.8 years, the indicator of the State Program "Health of the people and demographic security of the Republic of Belarus for 2021-2025" is 74.4 years.

Of serious concern is the rather high level of mortality among the working-age population, which is 2.4 times higher than the standard of the final results model of health care organizations in the Mogilev region in 2021 and amounted to 9.2 ‰. In the Glusky district, the mortality rate of working age in 2020 was 8.3 ‰, and in 2021 -9.2 ‰. The birth rate in the district is decreasing every year, which in 2021 amounted to 8.06 ‰. As a result, the natural population decline in 2021 was (-17.8 ‰), in 2020 (-15.64 ‰).

The progressive decline in the population in the region occurs mainly due to residents of rural settlements, where the death rate is 2.5 times higher than the death rate of the urban population, both in working age and older than working age.

The proportion of the population over 60 years old in the Glusk district is 32 ‰, in the Mogilev region - 25.5 ‰, in the city of Mogilev - 22.5 ‰, in the city of Bobruisk - 24.5 ‰.

The death rate of people older than working age is 4 times higher than the death rate of able-bodied citizens. In the structure of total mortality, diseases of the circulatory system account for 62.4 ‰, malignant neoplasms - 9.2 ‰.

In view of the above, it is obvious that the development of human potential and improvement of the demographic situation are necessary for the future development of the Glusk district and the growth of the economy's competitiveness. Solving the above mentioned problems is a priority task of Glusk district.

16. Post-project activities:

The situation can be radically changed by early detection of a wide range of blood circulation system diseases and malignant neoplasms, maximum coverage of the population of Glusk district with dispensary examinations, organization and implementation of screening programs.

The above mentioned measures will allow timely identification of malignant neoplasms, chronic diseases, diseases of the blood circulation system, timely prescribe adequate treatment, which will improve the quality of life of patients, increase the average life expectancy, reduce the overall mortality rate of the population of Glusk district, including the working age, reduce labor losses and increase the efficiency of the real sector of the economy.

Stabilization of the population in Glusk district, change of the age structure of the population in the progressive type of crawl (increase of the number of able-bodied population and children) will allow to significantly improve the economic

situation, increase the level of development of production potential, technologies, infrastructure, and this is the main pillar of further existence on the geographical map of Glusk district, its prosperity and sustainable development, as well as the guarantee of economic stability.

17. Project budget: USD 336 000

Summary estimate

of the cost of the humanitarian project: "Improving the demographic situation is the basis for sustainable development of the Glusk district"

Estimated cost: \$ 336,000.

Including:

1. Current repair of premises of the diagnostic laboratory clinic: \$ 176 000.
2. Purchase of medical equipment and equipment: \$ 160 000.

The consolidated estimate is made in US dollars at current prices as of June 01, 2022.

I. Estimated calculation of financial costs for the performance of maintenance work on the premises of the clinic diagnostic laboratory:

- replacement of doorway fillings – \$30 000;
- replacement of plumbing equipment – \$ 2 000;
- replacement of utility networks (hot and cold water supply, sewerage, heating) – \$ 8 000;
- replacement of lighting fixtures and electrical networks –\$ 6 000;
- replacement of the internal fire extinguishing system – \$ 2 000;
- interior finishing works – \$ 128 000.

II. Purchase of medical equipment and equipment – \$ 160,000.

Including:

- hematology analyzer – \$ 30 000;
- biochemical analyzer – \$ 29 000;
- hemocoagulometer – \$ 10 000;
- acid-base state analyzer – \$ 20 000;
- centrifuge (2 units) – \$ 4 000;
- ECG devices (8 units) – \$ 10 000;
- microscope (2 units) – \$ 2 000;
- mid-range ultrasound diagnostic device –\$ 55 000.