

PROJECT CHARTER

SECTION 1. PROJECT INFORMATION	
Project name	Construction of heating systems in settlements of Navoi region
Interrelation of the project with the Development Concept (name of the concept and the problem(s) the project solves within the concept)	The concept of "Construction of heating systems in settlements of Navoi region" for 2020-2022.
The industry in which the project is implemented	Housing and communal services heating systems
Project location	The project is located in Navoi region.
Initiator (customer) of the project (name, TIN, address, phone number, date of establishment)	Ministry of Housing and Communal Services TIN: 304931516 Tashkent, No.1 Niyozbek Yuli str. +998 71 235-85-79 info@mjko.uz ifi_cooperation@mail.ru Registration Date: 18.04.2017
Project Sponsor	IFI
Project manager (project office)	Azimov D. - Deputy Minister
Other project participants	Navoi region Department of Housing and Communal Services
Date of document creation	12/25/2019.
SECTION 2. PROJECT DESCRIPTION	
Reasons for initiating the project (business or other reasons for initiating the project)	The need for construction of heating supply systems in the settlements of Navoi region
Reasons for initiating the project (including the legal act that is the basis for initiating the project)	Decree of the President of the Republic of Uzbekistan No. RP-4542 of 02.12.2019. "On Additional Measures to Improve the Heating Supply System and Financial Rehabilitation of Heating Enterprises".
Goal and expected results of the project	Improving the living conditions of the residents of Karmanen district, introducing advanced technologies and equipment into the heating supply system, reducing the production cost of heating energy, increasing the energy and economic efficiency of heating production and supply to consumers. Based on the results of the project, the coverage of the population with the heating system will be 100%.
Criteria for achieving project goals (measurable criteria for achieving project goals)	The project will be financed by IFIs in the amount of 21.6 million US dollars. Project implementation period: 2021-2025.
Project boundaries (description of the work included in the project)	Due to the lack of heating boilers and heating networks in Navoi region, a new heating system, boiler

	<p>house and heating network must be built in the district.</p> <p>Navoi region has a total area of 165599 m² of 217 apartment buildings and 2976 apartments.</p> <p>Installation of 1,900 l/m of heating pipes, 7,981 radiators, 18 boilers in 217 existing apartment buildings in the region.</p> <p>Construction of new heating networks, pipelines 19900 p/m polyurethane foam 19900 p/m, as a thermal insulation layer.</p> <p>Replacement and reconstruction of some sections of water supply networks, construction of new water supply networks for water supply of individual heating systems (IHS). In Navoi region it is planned to serve 18 local boilers and 217 apartment buildings.</p> <p>The project provides for the construction of 19.9 km of heating networks, 18 Gcal/h, in the Navoi region settlements.</p> <p>Kyzyltepa district has a total area of 24065m² of 42 apartment buildings and 361 apartments.</p> <p>Installation of 8,000 l/m of heating network pipes, 13,789 radiators, 2 internal boilers of AMK-1500 and AMK-1000 type in 42 existing apartment buildings in the region.</p> <p>The project provides for the construction of 8 km of heating networks, 8.8 Gcal/h, in the settlements of Kiziltepa district.</p> <p>Khatirchensky district has a total area of 21249 m² of 21 apartment buildings and 349 apartments.</p> <p>Installation of 2,200 l/m of heating network pipes, 1,755 radiators, 4 AMK-800 and AMK-200 indoor boilers in 21 existing apartment buildings in the district.</p> <p>The project provides for the construction of 2.2 km of heating networks, 1.5 Gcal/h, in the settlements of Khatirchensky district.</p> <p>Karmanen district has a total area of 95372m² of 117 apartment buildings and 1,788 apartments.</p> <p>Installation of 1,300 l/m of heating network pipes, 3,281 radiators, 5 pieces of indoor boilers AMK-2000 in 117 existing apartment buildings in the district.</p> <p>The project provides for the construction of 1.3 km of heating networks, 3.1 Gcal/h, in the settlements of Karmanen district.</p> <p>Navbahor district has a total area of 4019m² of 7 apartment buildings and 104 apartments.</p> <p>Installation of 2,000 l/m of heating network pipes, 3,696 radiators, and 1 AMK-450 indoor boilers in 7 existing apartment buildings in the district.</p>
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	<p>The project provides for the construction of 2 km of heating networks, 1.5 Gcal/h, in the settlements of Navbahor district.</p> <p>Nuroten district has a total area of 9092m² of 12 apartment buildings and 148 apartments.</p> <p>Installation of 5,900 l/m of heating network pipes, 2,056 radiators, and 4 AMK-200 indoor boilers in 12 existing apartment buildings in the district.</p> <p>The project provides for the construction of 5.9 km of heating networks, 2.6 Gcal/h, in the settlements of Nuroten district.</p> <p>Tomdinsky district has a total area of m² of 4 apartment buildings and apartments.</p> <p>Installation of 500 p/m of heating network pipes, radiators, indoor boilers in 4 existing apartment buildings in the district.</p> <p>The project provides for the construction of 0.5 km of heating networks, 0.5 Gcal/h, in the Tomdinsky district settlements.</p> <p>According to the results of the project, the coverage of the population with the heating system will be 100%. Navoi Region</p>
<p>Project Limitations (description of factors limiting the execution of the project (legal, financial, resource, schedule, as well as those imposed by other projects, etc.))</p>	<p>Changes in project conditions, including legal conditions. Changes in the size of the approved project budget. Deterioration of the environmental and economic situation in the project region.</p>
<p>Project Assumptions (alternative options for project implementation mechanisms)</p>	<p>Financing of the project from the budget without the involvement of IFI loans</p>
<p>Expected risks of the project</p>	<p>Difficulties with project coordination and management (delays in project implementation). Poor quality of construction and installation due to unqualified contractors/personnel (low-quality products). Denial of funding from the IFIs. Increasing the cost of the project.</p>