



## **SONGINOKHAIRKHAN DISTRICT**

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# **INFRASTRUCTURE DEVELOPMENT PROJECT – SONGINOKHAIRKHAN DISTRICT**

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ULAANBAATAR, MONGOLIA

# **Infrastructure Development Project --Songinokhairkhan District**

## **1. Introduction**

Infrastructure development project to be implemented in Songinokhairkhan district is essential in terms of improving cityscape of the capital city and creating safe living environment for residents.

### **Goal**

Create safe and peaceful living environment for residents by installing street lights and cameras at ger-district areas in Songinokhairkhan district.

### **Short term goals**

- Improve appearance of Ulaanbaatar's farthest ger district area by installing street lights.
- Decreasing crime levels and violations by improving policy surveillance of high risk spots.
- Residents that are dumping household garbage at night will be tracked, which will decrease environment pollution.
- Residents of the district will be able to safely travel home in the evening through the illuminated streets.
- Fire-fighters, ambulance and police will have better access during the emergency situations.

### **The main reason**

The project on infrastructure development (street illumination and cameras) of the ger-area of the district was included in the action plans of "Citizens representative's council" and Governors' office, for 2016-2020, because 75% of the total population of the Songinokhairkhan district is residing in ger-area while only 32.2% of the ger-area has street illumination.

Installing street lights and cameras at ger-area of Songinokhairkhan district is the first step to create safe and peaceful living environment for more than 230,000 citizens of the district.



Street view

## 2. Project in brief

Project summary.

Project name	Infrastructure development project -- Songinokhairkhan district.
Implementing organization	Governor's office of Songinokhairkhan district
Duration	1-2 years
Project investment amount	Seven million euros will be financed by financial cooperation agreement between Austrian and Mongolian governments.
The Investment will cover all expenses related to:	Procuring and delivering street lights and cameras to the final destination i.e. ger-area of the district; hiring local company to carry out installation.

General information	Installation of street lights and cameras in ger-areas of Songinokhairkhan district.
Short and long term goals	<p>Long term goals: Create safe and peaceful living environment for residents by installing street lights and cameras at ger-areas of the Songinokhairkhan district.</p> <p>Short term goals:</p>

	<ul style="list-style-type: none"> <li>• Installation of street lights and cameras in ger-areas was added to district's Citizens Representative council's action plan and Governor's action plan for 2016-2020</li> <li>• Improving appearance of capitals' farthest ger- area</li> <li>• Safety of the residents traveling home during the night time will be significantly increased</li> <li>• Fire-fighters, ambulance and police will have better access to the ger-area during emergency situations.</li> <li>• Decreasing crime levels by improving policy surveillance of high risk spots.</li> <li>• Police patrolling conditions will be improved that will lead to budget saving.</li> </ul>
Expected results	<ul style="list-style-type: none"> <li>• Unemployment and poverty rates are considerably high in the ger-area of the district, many residents do petty-trading in streets for living, and usually return home late at night. In addition to improving safety, daily income of these residents will be considerably increased by allowing them to operate their stalls for longer hours.</li> <li>• Fire-fighters, ambulance and police will have better access to the ger-area during emergency situations if the streets will be illuminated</li> <li>• Decreasing crime levels, thus, saving budget for crime investigation</li> <li>• Improving appearance of the capital city by installing street lights in ger-area.</li> </ul>
Action plan	<p><b>Phase 1.</b> To draft and introduce project in December 2016.</p> <p><b>Phase 2.</b> Project will be finished in the 4<sup>th</sup> quarter of 2017. By implementing this project 75% of the ger-area in Songinokhairkhan district will have street illumination and 100 crime break-out spots will be monitored.</p>

### 3. Necessity of the project.

Total area of the district covers 1200.6 square kms with the population of 315 thousand, divided into 82.8 thousand families.

The district is divided into basic administrative units called "khoroo". There are 32 khoroos in Songinokhairkhan district: 10 khoroos with modern apartment buildings and 22 khoroos with ger areas. 24.1% of the district population lives in apartments and 75.9% lives in gers.

Number of migrants from countryside have been constantly increasing in last 5 years, which increased the population of ger-area with 7.5 thousand people – the ger-area is expanding.



Ger area

Violence and crime levels are increasing every year, crimes such as rape, robbing and striping occurs after dark, in poorly illuminated areas of the district. Police man power and time is spent on preventing and solving crimes in poorly lit areas at night.

Number of crimes in last 3 years:

	Total number of crimes in the district	Number of crimes in ger-area of the district
2014	3,037	2,460
2015	3,232	2,456
January - November 2016	2,564	1,743

Ger-areas of the district have 9 schools that work with 3 shifts. More than 2500 pupils finish school at 8 pm and very often they are at high risk of being victims of crime on their way home.

The district has 2744 street lights in public places, 678 lights in residential districts and 6092 lights in ger-area. It covers 93.4% of public places, 96.5% of residential districts, 32.2% of ger-area.

Even though in 2015-2016 we have installed 84 cameras /investment from state budget : 1.6 billion tugriks/, it still doesn't provide expected results.

So firstly we need to be able to monitor farthest ger-areas which are densely populated and have high crime levels. We have chosen 100 spots for installation.

Furthermore, 898,357 meters of streets on the territory of Songinokhairkhan district need to be illuminated: 42.2 billion tugriks need to be invested (calculation was made in 2016).

Investment for the street illumination of ger-area in recent years (in million tugriks):

	2013	2014	2015	2016
Investment from the City budget	430.6	786.7	00	1.231.2
Investment from the District budget	00	1.088.6	427.6	1.203.3

#### Light and camera budget allocation

No	Assortment	Summary	Each one costs (in million tugriks)	Total price (in million tugriks)
1	Street lights in ger area	10,587	1.65	17,470.0
2	Street cameras in ger area	100	8.9	890.0
	<b>Total</b>			<b>18,360.0</b>

Due to current insufficiency of funds we don't see any possibility to implement the project with the investment from State, Capital or District budget.

In 2017 1 billion tugriks are planned in Capital and District Local Development Funds (local government budget) to install 21,210 meters of street lightning, while no plans were made for street camera installation.

Ulaanbaatar city development 2020 Master plan envisages city development in the westward direction into the territory of Songinokhairkhan district, with new apartment blocks and housing units, schools, hospitals and industrial complexes.