

# Construction Sector

## Projects

- Kabul Satellite City Construction  
(Ministry of Urban Development & Housing)



# Kabul Satellite City Construction

## Project Outline

After years of conflict and overcrowding, large parts of Kabul have been totally destroyed and lack proper sanitation, clean water supply and electricity. Returning refugees are crowding into Kabul and without the availability of proper accommodation, are building makeshift dwellings and overburdening the municipal systems.

To alleviate the overcrowding situation in Kabul, the Ministry of Urban Development & Housing plans to construct a new town for more than 700,000 inhabitants, located in north-east of Kabul.

The proposed project will include the provision of a clean water supply system, electric power supply, roads, phone lines, recreation parks, schools, market center, shops, fire and police stations, hospitals, kindergartens and administrative buildings.





# Kabul Satellite City Construction

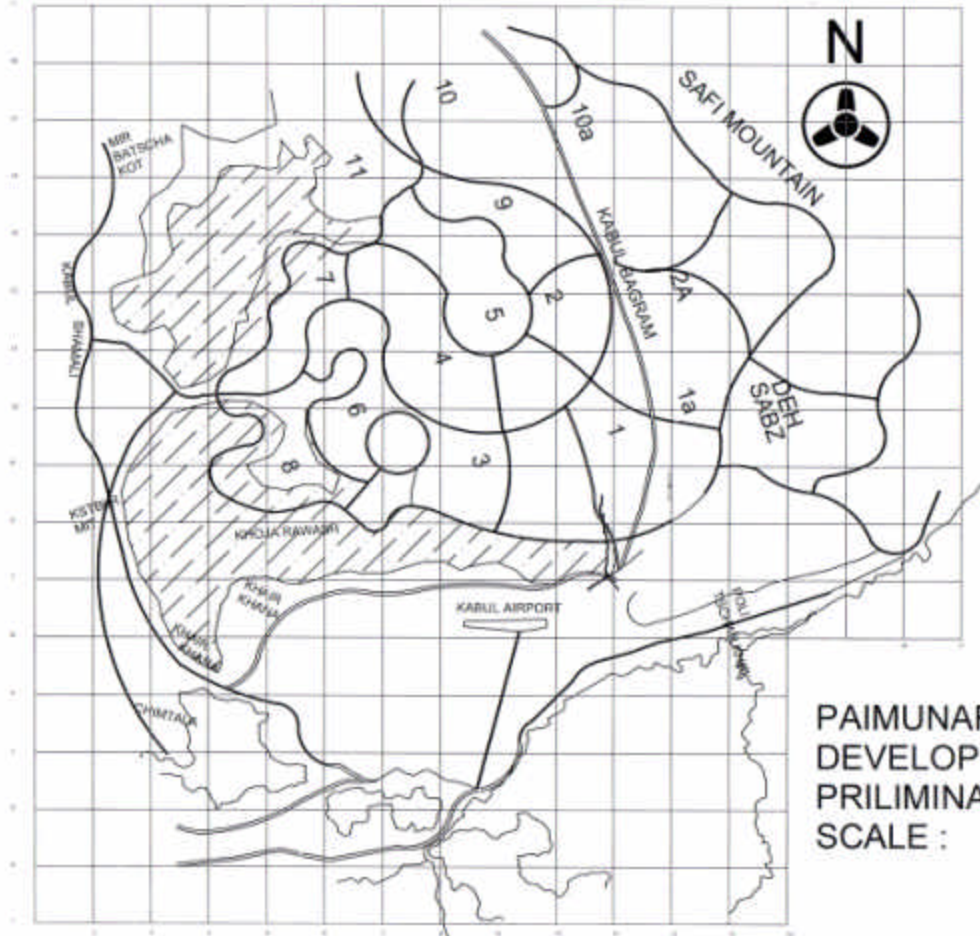
## Technical Description

The Ministry of Urban Development and Housing has identified a large tract of land, north-east of Kabul, for construction of the new city. This will be within 30 kilometers from Kabul city center. Most of the land belongs to the government and is currently not in use.

The city will be divided into 10 separate districts with about 70,000 inhabitants in each. The living accommodations will consist of bungalows and 2 to 4-story apartment buildings.



# Kabul Satellite City Construction



PAIMUNAR HOUSING  
DEVELOPMENT PROJECT.  
PRILIMINARY SITE PLAN  
SCALE : 1:175000





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## Project Site

The satellite city will be built in an area called Paymunar to the north of Kabul close to Kabul Airport.

## Project Status/Timeline

The Ministry of Urban Development and Housing has started investigating the availability of drinking water and identified various sources. The Ministry has also made land surveys, taken aerial photographs and started planning the outlay of the city.

It is anticipated that one district will be completed by the end of 2004 and that the first batch of approximately 70,000 inhabitants will be able to move into the new development site. The new city is expected to be ready to accommodate its full capacity by 2013.





# Kabul Satellite City Construction

## Equipment & Services

This project covers several sectors for urban development including water supply, electricity and power supply, city-street construction and housing.

Given the type and nature of the project, required equipment for clean water supply will be:

- Water and sewer pipes;
- Valves, fittings, service connection assemblies, air release valves, blow off assemblies, taps, plumbing fittings;
- Water production, treatment and pumping equipment, including various equipment generally identified with collecting, pumping, treating and distributing water from the source to customers; and
- Bulk and retail water meters; and water pressure gauges and water level measuring devices, and water treatment equipment.



# Kabul Satellite City Construction

## Equipment & Services

Equipment for electricity and power supply component:

- Power generators;
- Cables and wires;
- Transformers; and
- Control rooms.

Equipment and services for housing construction:

- Construction management supervision;
- Planning and design services;
- Cranes (rubber tire, crawler);
- Bull dozers and earthwork hauling equipment;
- Cement plants.





# Kabul Satellite City Construction

## Services & Equipment (cont.)

Services and Equipment for the city street construction:

- Engineering services in street design and city road infrastructure;
- Construction management supervision;
- Asphalt pavement plants, asphalt pavers, and asphalt distributors;
- Trucks (dump, off road, concrete mixer, asphalt transport);
- Compacting equipment (pneumatic, steel wheel, vibratory);
- Cranes (rubber tire, crawler);
- Loaders (front end, pneumatic and track); and
- Bull dozers and earthwork hauling equipment.



# Kabul Satellite City Construction

## Project Financing

Though the Afghan Government has started the initial phase of this project using its own funds, main project financing will have to be provided by multilateral funding institutions as well as private investors.

