

NESPAK IN  
*Islamic  
Republic of*  
*Afghanistan*

**N**ESPAK's Regional Office at Kabul, Afghanistan, was established in June 2003. Ravaged by war, the Islamic Republic of Afghanistan needed immediate help from the outside world for its reconstruction and rehabilitation. The Committee on Rehabilitation and Reconstruction of Afghanistan, in a meeting chaired by President of Pakistan, decided to hire NESPAK's services for projects for reconstruction in the war-torn Afghanistan.

The Government of Pakistan initially pledged an amount of US\$ 100 million as grant for reconstruction and rehabilitation of Afghanistan under the Technical Assistance for Afghanistan Programme. Later, this amount was increased to US\$ 1,042 million. NESPAK was engaged as Consultants by the Planning Commission, Government of Pakistan, for nine building and road projects under the Technical Assistance Programme. NESPAK has undertaken a total of 29 projects in the Islamic Republic of Afghanistan. NESPAK has made a major contribution to the infrastructure development of the war-torn country of Afghanistan. It has used its resources, manpower and technical skills to gift the Afghan nation with some of the best and state-of-the-art health, education, road and irrigation facilities.

Portfolios of major projects undertaken by NESPAK in the Islamic Republic of Afghanistan are given in the following pages.



## Kabul-Torkham-Jalalabad Road Project

**Project Status:** Completed in 2011

**Scope of Services:** Detailed Design, Tender Documents, Construction Supervision

**Project Cost:** US\$ 142 million

**Client:** WSP International, Sweden, National Highway Authority, Pakistan



The rehabilitation/improvement of the 222 km long Kabul-Torkham-Jalalabad Road was entrusted to NESPAK first in 1999 for rendering design services. Later in 2003 and 2007, NESPAK was again engaged for providing design services for the 7m wide existing carriageway and construction supervision for the Torkham-Jalalabad Road. The design of the additional carriageway was prepared with the same specifications as used for the rehabilitation of the Torkham-Jalalabad Road.



The project road starts from the Liberty Intersection in the outskirts of Kabul and ends at the Pakistani border town of Torkham, passing through Jalalabad and Sarobi, the two major cities of Afghanistan.

This strategically important project comprised 700 culverts & bridges and a large number of Irish Crossings along the road. The second carriageway of the Torkham-Jalalabad Road was constructed by the Government of Pakistan as part of the Reconstruction of Afghanistan Programme.

This project was completed in a record period of 15 months and the Government of Afghanistan awarded a gold medal to the Managing Director of NESPAK for the timely completion of the project.

## On-Farm Water Management Project

**Project Status:** Completed in 2014

**Scope of Services:** Detailed Design, Tender Documents, Construction Supervision

**Project Cost:** US\$ 43 million

**Client:** General Directorate of Irrigation, Ministry of Agriculture, Irrigation & Livestock, Afghanistan



The On-Farm Water Management Project was implemented in five regions of Afghanistan i.e., Kabul, Nangarhar, Bamyan, Herat and Mazar-e-Sharif. The major components included improvement of 175 tertiary level irrigation schemes, institutional strengthening and capacity building of the Ministry of Agriculture, Irrigation, and Livestock, project management, coordination, monitoring & evaluation and establishment of 25 irrigation demonstration centres at irrigation schemes. The project was financed through the Afghanistan Rehabilitation Trust Fund managed by the World Bank.

## Farm Irrigation Systems in Afghanistan

**Project Status:** Completed in 2013

**Scope of Services:** Design, Construction Supervision

**Client:** Ministry of Energy & Water, Afghanistan

The Farm Irrigation System Project was launched by the Government of Islamic Republic of Afghanistan to install micro irrigation system on eight sites for demonstration purpose. The project was implemented with the financial assistance of the World Bank. The primary objectives of the project were to introduce high efficiency irrigation methods, building farmers' capacity and strengthening the project staff.



## Cross River & Canal Control Structures on Balkhab River

**Project Status:** Completed in 2006

**Scope of Services:** Detailed Design, Tender Documents

**Project Cost:** US\$ 13 million

**Client:** Chemonics International Inc., United States Agency for International Development



This project comprised three cross river and canal control structures including Imam Sahib Weir & Canal Head Regulator/under sluices, Samarkandian Weir and head regulators for Mushtaq, Abdullah, Daulatabat and Chintal Canals across the Balkhab River in Mazar-e-Sharif, Afghanistan. Bangala Bridge Weir and head regulator for Churbolic Canal were other components of the project.

NESPAK provided services for site selection, engineering survey, geotechnical investigations, planning & designing, bidding documents etc., for all these structures along with the construction supervision of Samkandian Weir and allied structures.

## Muhammad Ali Jinnah Hospital, Kabul

**Project Status:** Completed in 2019

**Scope of Services:** Project Planning, Detailed Design, Tender Documents, Construction Supervision

**Project Cost:** US\$ 18 million

**Client:** Planning Commission, Government of Pakistan



This 200-bed healthcare project comprises a ground-plus-two-storey frame structure, having a covered area of



16700m. The building houses a casualty block, an outpatient department, a blood bank, an administration block, a dialysis centre, an intensive care unit, a constant care unit, a thalassemia centre, and gynaecology, surgical & medical wards. All the blocks have been connected with covered corridors. Provision has also been made for a tubewell, overhead water tank, diesel generator sets and an electric transformer.

## Naeb Aminullah Khan Logari Hospital, Logar

**Project Status:** Completed in 2019

**Scope of Services:** Project Planning, Detailed Design, Tender Documents, Construction Supervision

**Project Cost:** US\$ 18 million

**Client:** Planning Commission, Government of Pakistan

The Naeb Aminullah Khan Logari Hospital is a prestigious healthcare project which was constructed at Logar. The building has a basement, a ground-plus-two-storey frame structure, having a covered area of 17600m<sup>2</sup>.



## Nishtar Kidney Centre, Jalalabad

**Project Status:** Completed in 2012

**Scope of Services:** Project Planning, Detailed Design, Tender Documents, Construction Supervision

**Project Cost:** US\$ 7 million

**Client:** Planning Commission, Government of Pakistan



This single storey hospital building is spread over an area of 75000 metres with a provision for vertical expansion. Total covered area of the building is 27000m and it is surrounded by an adequate number of lawns and parking area. The site is located within two kilometres of the main city and easily accessible to the people from the suburbs of the Nangarhar Province of Afghanistan.



## Rehman Baba High School & Hostel Project, Kabul

**Project Status:** Completed in 2017

**Scope of Services:** Project Planning, Detailed Design, Tender Documents, Construction Supervision

**Project Cost:** US\$ 18 million

**Client:** Afghan Trade Development Cell, Ministry of Foreign Affairs, Government of Pakistan

The maiden project undertaken by NESPAK in Afghanistan was the Rehman Baba High School for Boys at Kabul which was completed in 2008. Having a covered area of 4300m<sup>2</sup>, the building comprises 33 classrooms, computer rooms, art rooms, laboratories and a big library as well as principal's office, staff room and allied facilities. Central courtyards for two blocks with covered corridors have also been provided for natural light and ventilation.

A hostel was also constructed for the Rehman Baba High School, Kabul under a separate project in 2017. The hostel



project has a covered area of 221400m with a frame structure comprising a basement and ground plus three floors. Each floor also has a dining hall for 250 students, having all allied facilities. The hostel building caters for 1000 students of the Rehman Baba School.

## Liaqat Ali Khan Engineering Faculty Block, Balkh University

**Project Status:** Completed in 2013

**Scope of Services:** Project Planning, Detailed Design, Tender Documents Construction Supervision

**Project Cost:** US\$ 10 million

**Client:** Planning Commission, Government of Pakistan

NESPAK rendered consultancy services for the Liaqat Ali Khan Engineering Faculty Block at the Balkh University, Mazar-e-Sharif. This educational project proved a breakthrough for the development in the Northern Afghanistan. Located within eight kilometres of the main city of Mazar-e-Sharif, the project consists of two engineering faculty blocks having three storeys and a basement. The covered area of the two blocks is 17000 metres, catering for 2200 students.





## Allama Iqbal Faculty of Arts, Kabul University

**Project Status:** Completed in 2009

**Scope of Services:** Project Planning, Detailed Design, Tender Documents Construction Supervision

**Project Cost:** US\$ 8 million

**Client:** Planning Commission, Government of Pakistan



The Allama Iqbal Faculty of Arts Block at the Kabul University comprises ground plus three-storey frame structure, having a total covered area of 14000m. The Block is Kabul

University's largest building which accommodates two faculties of Fine Arts and Literature. This state-of-the-art building contains 48 professor/associate rooms, 28 classrooms, four syndicate rooms, two faculty lounges, two seminar halls, a head office complex, a library, two computer labs and 20 faculty offices. The building is equipped with an independent tubewell, 1000KVA transformer, 1000 KVA diesel generator set and a disposal system.



## Sir Syed Post-graduate Science Faculty Block, Jalalabad

**Project Status:** Completed in 2010

**Scope of Services:** Project Planning, Detailed Design, Tender Documents Construction Supervision

**Project Cost:** US\$ 5 million

**Client:** Planning Commission, Government of Pakistan



The Sir Syed Post-graduate Science Faculty Block is one of the prestigious buildings at the Nangarhar University, Jalalabad. The building comprises ground plus two-storey frame structure with a total covered area of 10050m<sup>2</sup>.

## Two Industrial Parks in Kabul

**Project Status:** Completed in 2009

**Scope of Services:** Project Planning, Detailed Design

**Project Cost:** US\$ 136 million

**Client:** Afghanistan Investment Support Agency, Government of Afghanistan

This World Bank-funded project was aimed at developing modern, strategically located, well-managed, regulated and attractive industrial parks in the Islamic Republic of Afghanistan. The project involved the establishment of two industrial parks: one in Kamari, a 120 hectares park located 13 km from central Kabul, the other in Hisar-e-Shahi, a 200 hectare park located 22 kilometres southeast of the Jalalabad City.

