

Multidisciplinary Hospital at KazNMU in Almaty (University Hospital)



Yelzhan Birtanov

MD, MBA

Chairman of the Board

PPP Advisory Center

Astana, 28th August 2015

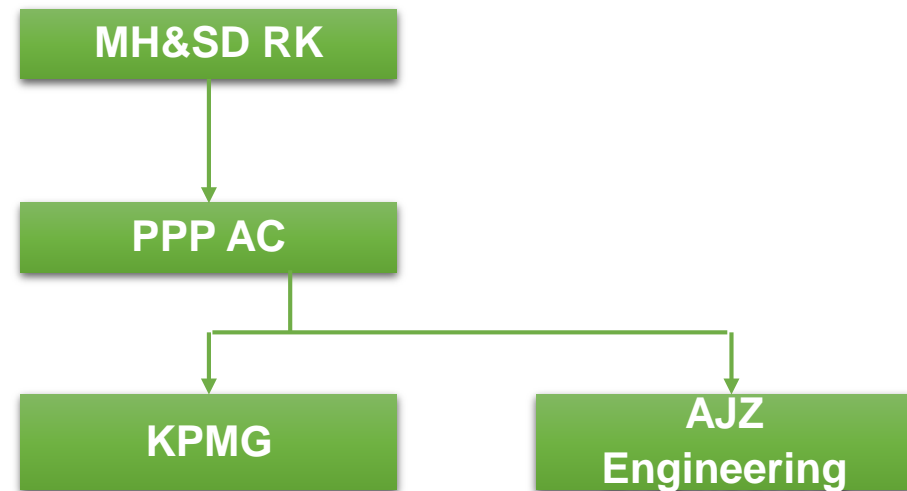
Project Team

PPP Advisory Center

Mandated as a legal entity for advisory support of national and regional concession projects by the decree of the Government of the Republic of Kazakhstan on 30 April 2014 №248.

The mission

to support the development of infrastructure in the Republic of Kazakhstan by providing advisory services on preparation and implementation of infrastructure projects including PPP projects.



Concept of the project

Resume of the Project

Name of the concession project	Construction and operation of a multi-disciplinary hospital at Kazakh National Medical University named after SD Asfendiyarov RSE in Almaty
Project Grantor	Ministry of Healthcare and Social Development of the Republic of Kazakhstan
Concession Type	Design – Finance – Build– Transfer – Maintenance (DFBTM)
Срок концессии	Up to 30 years
CAPEX (est.)	USD 90 mln. (16 bln. tenge)
Objectives of the project	<ul style="list-style-type: none">• Applying new technologies to improve quality of medical services to the population of the Republic of Kazakhstan• Providing base for clinical training of students and retraining of doctors of KazNMU involving on the latest achievements of medical science• Creating a base for scientific and clinical research in cooperation with foreign scientific communities

Concept of the project

Trends in the development of Almaty

- The role of the private health sector is increasing in Almaty

In 2009 to 2013 number of private outpatient organizations and doctors' offices in Almaty almost doubled from 168 to 293.

- competition among private and public organizations is expected to increase due to introduction of the insurance system

This demonstrates the need for quality services and the confidence of patients in the planned hospital.

ACCORDING TO THE MARKETING STUDY OF MEDICAL SERVICES IN ALMATY OPTIMAL CAPACITY OF THE UNIVERSITY HOSPITAL IS 300 BEDS.

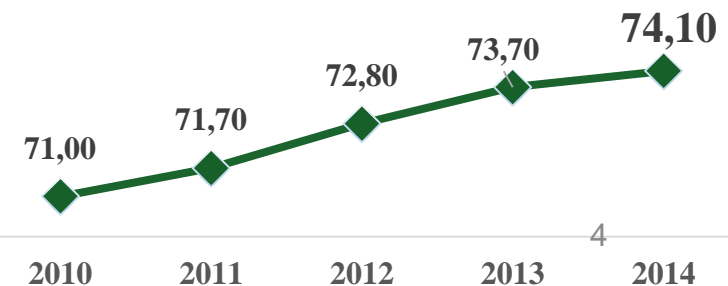
Population, thous. people



Rate of natural increase, %



Life expectancy at birth, years



Concept of the project

Land for construction of the University Hospital

- Located in a new and growing district of Almaty city
- Location enables the development of social and transport infrastructure
- Optimal in terms of energy resources
- A Children's Hospital "Aksai" is located on the adjacent land
- About 25 000 people living nearby will be registered and served by ambulatory services of the new university hospital



Concept of the project

STRUCTURE OF PROFILES AND BEDS

Profile	Quantaty
Therapeutic	40
Cardiological	30
Neurologic	30
Endocrinological	30
Rheumatological	25
Ophthalmological	20
Traumatologic	30
Surgery	30
Interventional cardiology	15
Gynaecological	20
Rehabilitation of adults	30
TOTAL	300

Concept of the project

TYPES AND VOLUME OF OUTPATIENT SERVICES

Out-Patient Daily Department's Services

Ophthalmologic Treatment

Otolaryngological Treatment

Proctologic Treatment

Gynecological Treatment

Therapy

Surgery

Consultations of doctors - 300 visits per day

Therapist

Gastroenterolog

Pulmonologist

Nephrologist

Rheumatologist

Ophthalmologist

Otolaryngologist

Traumatologist

Surgeon

Cardiologist

Neurologist

Endocrinologist

Gynecologist

Urologist

Proctologist

Concept of the project

Types of Support Services

Types of Support Services

Operating rooms, beds in intensive care beds, in the recovery room

Diagnostics Center

- Functional diagnostics and ultrasound: EKG, EEG, Doppler blood vessels
- Radiological diagnosis: CT, MRI, X-ray diagnostics, mammography
- Endoscopy

Center for Laboratory Medicine

The spectrum of research:

1. Immunological
2. Biochemical
3. Hemostasis
4. Hematology
5. Cytological
6. General hospital
7. Immunology
8. PCR analysis
9. Immunoassay

Concept of the project

Strengths of the project

Strategic importance for Government

- The project is in line with the Strategic Plan of development of healthcare of Kazakhstan up to 2020 and Perspective plan of the network of health care organizations of Almaty city for 2015-2025.

Economic advantages of Almaty

- In 2010 - 2014, the population of the city increased by 16.19%, while the real income of the population grew by 26%*

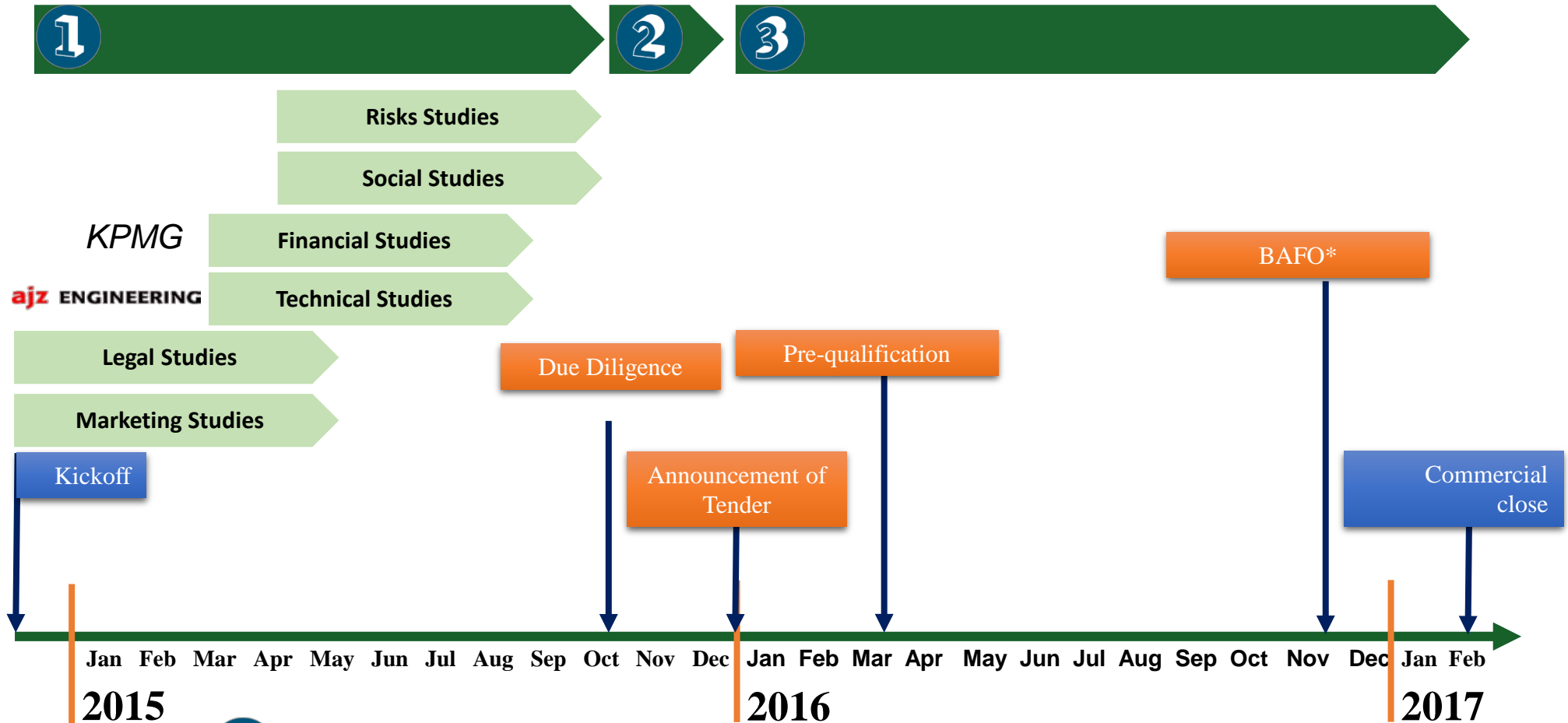
Strong resource base

- KazNMU benefits from 1454 lecturers, including 4 academicians, 172 doctors of science, 475 candidates of science.
- More than 1,600 medical professionals are graduated from KazNMU annually
- Ministry envisages high level of medical equipment of the university hospital



The preliminary stages of the project vision (competition dates)

Schedule of pre-investment stage



① Development of the concession proposal

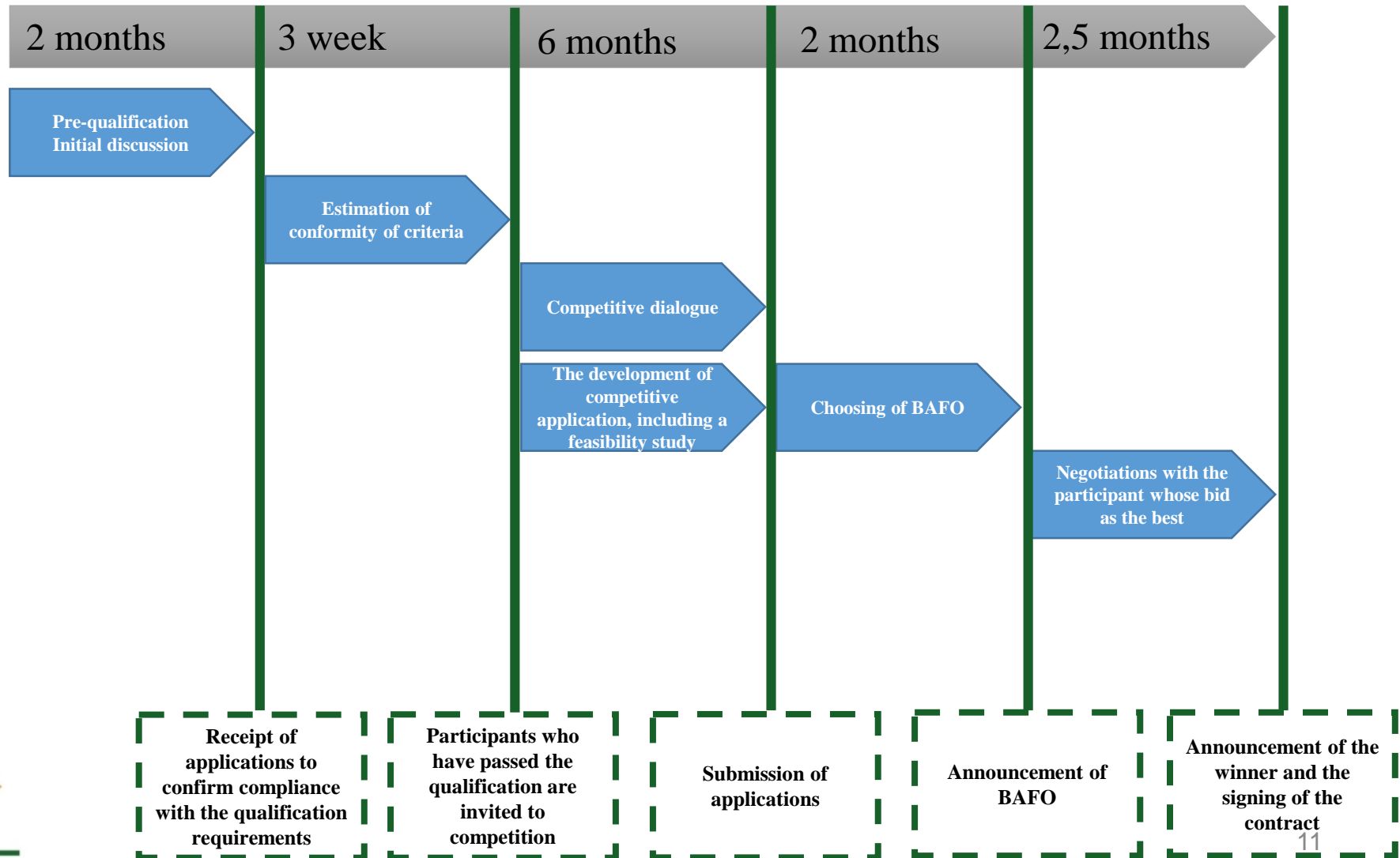
② Development of tender documentation and draft concession agreement

③ Competition for the selection of the concessionaire

* BAFO – Best and Final Offer

The preliminary stages of the project vision (competition dates)

Tender Procedures Timeline



Thank you for your attention

