



Public Joint Stock Company for Long-Distance
and International Telecommunications «Rostelecom»

Postal address: 30, Goncharnaya St.,
Moscow, 115172, Russia
Tel.: +7 (499) 999-80-22, +7 (499) 999-82-83
Fax: +7 (499) 999-82-22
E-mail: Rostelecom@rt.ru

**Online Open Consultations on «Building an enabling environment
for access to the Internet»
ITU Council Working Group on International Internet-Related Public Policy Issues
(11 October 2016, Geneva, Switzerland)**

Implementing the Elimination of Digital Inequality Project

Universal Service is a widely adopted worldwide mechanism to ensure ubiquity of access to a standard package of telecommunications services for all citizens of a country. In the Russian Federation the Universal Service concept is formally prescribed in the Federal Telecommunications Act passed in 2003.

The Act was amended on 3 February 2014 to clarify the procedure of selecting the universal service operator and expand the list of the universal telecommunications services.

According to amendments introduced in the Federal Telecommunications Act the duty to provide universal telecommunications services across the entire Russia shall be assigned by the Russian Government to an operator enjoying a significant position in the public telecommunications network in at least 2/3 of the regional constituent entities of the Russian Federation; moreover, such operator is not entitled to decline the appointment.

Following the Russian Government's Instruction No437-r of 1 April 2014 Rostelecom was appointed the sole universal service operator across the entire Russia.

The term of the contract with Rostelecom is 10 years and under the contract Rostelecom is required to maintain 148 thousand universal service payphones and some 21 thousand public offices for Internet access.

Additionally, based on the last mile network to be deployed, Rostelecom will provide data transmission bandwidth of at least 100 Mbps in access points located in the localities with population of between 250 and 500 people.

High-speed Internet access should be accessible in all such localities. Rostelecom will have to ensure construction of fiber-optic links with the total length of about

200 thousand km, while Internet access offices should be set up in over 13 thousand populated localities where over 4 million people live. Fiber-optic cables should be laid to ensure provision of broadband Internet access in all nearby cities, towns and villages.

As a result, millions of Russians will be provided with high-speed access to the information society with inherent benefits of freely communications with other people, exchange of information, receiving public services, education and learning services, online banking and commerce services and other benefits without which a normal life of people in the modern world and in the near future is impossible to imagine.

Deliverables of 2015

Access points:

- 1,589 access points were commissioned for operation in 60 constituent entities of Russia;

- 172 access points are set up and currently under commissioning;

- 764 access points are under construction and to be commissioned in 2016.

Fiber-optic links:

- 22 thousand km of fiber were commissioned in 60 Russia's constituent entities;

- 13 thousand km of fiber links are under construction to be commissioned in 2016.

Currently Rostelecom finalizes pricing for the "last inch" provision and selection of access technology for each locality.

For more information please visit the Company website at <http://www.rostelecom.ru/en/projects/>

Nationwide Cloud Platform Project

The platform development was launched as early as in March 2011 when according to the Russian Government's Instruction Rostelecom was appointed the sole contractor for deployment of the Russia's National Cloud-based Platform within the framework of the Information Society project.

The National Cloud Platform (NCP) is a consolidated set of managed billable virtualized computing resources designed for provision of cloud-based computing services to executive authorities of various levels, municipal authorities, for-profit entities and individuals.

NCP-based application services for public authorities and private businesses are offered in healthcare, education, for housing and utilities, real estate and land property management.

Office applications, customer management relations, trade and production account management services are offered to small and medium businesses.

Rostelecom created the O7.com portal to promote the NCP. Using the portal one can contact Innovation Center managers, receive up-to-date information about products offered by Rostelecom and its partners, while developers can have their solutions validated or suggest development of a product.

Benefits of the National Cloud Platform:

- reliable infrastructure for deployment of governmental information systems;
- compliance with regulatory requirements in terms of information security;

- secure connections to an isolated private cloud;
- service deployment inside dedicated cloud segments;
- service contracts concluded in compliance with applicable law.

Services offered to public authorities:

- O7. Education (IT implementation in education on the regional level);
- O7. Health (Capabilities to deploy a regional segment of the Unified State Healthcare Information System);
- O7. 112 (System-112 regional level deployment);
- O7. MFC (IT implementation for multifunctional centers);
- O7. DOC (Automation of business processes related to electronic document workflow and account management based on regional e-government infrastructure);
- O7. Property (Implementing IT in the realm of property and land relations on the regional and municipal levels);
- O7. Electronic municipal authorities;
- O7. Culture (Implementing IT for library services and cultural and public events of the regional level).

Services for businesses:

- Mobile device management;
- Virtual DC (Virtual DC for managing organization's data);
- Virtual storage (the service is based on Hitachi Content Platform's hardware and software);
- Virtual office (Virtual office is a set of cloud-based services and features enabling usage of most popular worldwide Microsoft office applications to ensure efficiency of your employees' work).
- My warehouse (Automation of making warehouse records and account management, management accounting and current records of trade and production operations, creation of general common computing environment for subsidiaries and holding structures);
- 1C Applications (Automation of general and management accounting functions in an organization);
- Customer Relations Management (Automation of customer relations management functions).

Ensuring information security is a special inherent feature of the National Cloud Platform, as the platform architecture presumes usage of solutions and technologies offered by world's leading hardware manufacturers and software vendors, with the aim to secure uninterrupted operation of critical applications including those providing e-government functionality.

A major part of the NCP customers is governmental clients deploying on the platform those IT systems which are treated as State Information Systems, processing personal and other data which are subject to statutory organizational and technical requirements applicable to the information protection.