

**Abstract**

This project examines the development of the network LTE, the technology 4G, in Kokshetau , provided by «ALTEL ."

This thesis project describes the characteristics of the network LTE, design and application of 4G technology, calculations are carried out to cover the areas of LTE network in the city of Kokshetau.

To do this, select the hardware, make the appropriate calculations, and will consider the analysis of dangerous and harmful factors and protective measures for the protection of labor. In the economic part of the calculated costs for the development, design and implementation of technology.