

Institute of Buildings, Special Systems and Engineering

Scientific Report

2016B

I.1. Scientific-Research Projects Planned and Implemented in 2016 Funded by the State Budget of Georgia

(Concerns to Scientific-research Institutes)

#	Planned and Implemented work with the indication of scientific field and direction	Work Supervisor	Work Performers
1	Creation of inventory, transformable, multi-purpose, transportable and fast-installable bridge (Engineering sciences, Hi-Tech materials - building constructions, buildings; bridges and transport tunnels)	E. Medzmariashvili	A. Chapodze M. Sanikidze N. Tsignadze L. Philipenko A. Tsiklauri M. Nikoladze
2	19.2 m bridgelayer for emergency	E. Medzmariashvili	O. Tusishvili, N. Tsignadze, M. Sanikidze, M. Nikoladze, L. Philipenko, A. Tsiklauri, A. Chapodze
3	Flying version testing. Final report of flying version.	E. Medzmariashvili	Sh. Tserodze, N. Tsignadze , V. Gogilashvili, K. Chkhikvadze, G. Bedukadze, L. Philipenko, A. Chapodze, M. Nikoladze

4	Presesntation of a new generation, telecommunication, space, lightweight and rigid, large reflector to the European Space Agency	E. Medzmariashvili	Sh. Tserodze, N. Tsignadze , V. Gogilashvili, K. Chkhikvadze, G. Bedukadze, L. Philipenko, A. Chapodze, M. Nikoladze
5	Design of high-precision geodetic surfaces for reflective grid	E. Medzmariashvili	Sh. Tserodze, N. Tsignadze, V. Gogilashvili, K. Chkhikvadze, A. Sarchimelia, G. Bedukadze, L. Philipenko, A. Chapodze, M. Nikoladze

I. 2.

#	Planned and Implemented work with the indication of scientific field and direction	Work Supervisor	Work Performers
1	Establish systematized and classified concept of engineer training, hostile acts and operations, natural and artificial extreme conditions for the defense of Georgian infrastructure and territories; creation of theoretical bases and relevant educational programs	E. Medzmariashvili	N. Tsignadze, M. Nikoladze, L. Avalishvili