

## SCIENTIFIC ADVISOR'S REFERENCE

<b>Program:</b>	Master in Urban Management and Development
<b>Student:</b>	Lvova Aleksandra
<b>Title of thesis:</b>	APPLICATION OF A+B BIDDING IN ROAD CONSTRUCTION

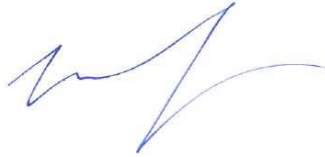
<p><b>Justification of the topic choice. Accuracy in defining the aim and objectives of the thesis.</b> Justification of the topic choice; accuracy in defining the aim and tasks of the thesis; originality of the topic and the extent to which it was covered; alignment of the thesis' topic, aim and objectives.</p>
<p>The thesis explored the issue of the effectiveness of public procurement in the road construction sector, including in this term the economic meaning of public procurement in general. It was aimed at finding the possibility of using an alternative procurement method and calculating the main parameters in the context of insufficient data.</p>
<p><b>Structure and logic of the text flow.</b> Logic of research; full scope of the thesis; alignment of thesis' structural parts, i.e. theoretical and empirical parts.</p>
<p>The research structure is strictly corresponded to its aims. First chapter examines the main procurement methods and identifies the legislation drawbacks. While in the second chapter, the identified problems are considered in practice and supported by data. A new procurement method is proposed to mitigate the identified shortcomings of the system, its features are discussed. The third chapter focuses on the practical application of the method in the existing legal framework.</p>
<p><b>Quality of analytical approach and quality of offered solution to the research objectives.</b> Adequacy of objectives coverage; ability to formulate and convey the research problem; ability to offer options for its solution; application of the latest trends in relevant research are for the set objectives.</p>
<p>In order to fit the aims of the research, the author has selected the appropriate qualitative and quantitative methods. The author combines qualitative research with findings from data collection and the specifics of regulations. When analyzing the public procurement system and identifying problems, the relevant papers of researchers were analyzed. The author has selected auctions with unambiguous signs of collusion from pool of data.</p>
<p><b>Quality of data gathering and description.</b> Quality of selecting research tools and methods; data validity adequacy; adequacy of used data for chosen research tools and methods; completeness and relevance of the list of references.</p>
<p>Identified problems has been subsequently confirmed by data collected using a unified information system that contains the entire volume of public procurement in Russia. To fit the third aim of the research, the student structured the available big data on traffic, identified the data that was missing for the final calculation and proposed a methodology for collecting them.</p>
<p><b>Scientific aspect of the thesis.</b> Independent scientific thinking in solving the set problem/objectives; the extent to which the student contributed to selecting and justifying the research model (conceptual and/or quantitative), developing methodology/approach to set objectives.</p>
<p>The author has contributed extensively to the review of various studies in the field of procurement and road construction. The dissertation materials can be used as a starting point for a deeper study of road user costs in particular and alternative procurement methods in general.</p>
<p><b>Practical/applied nature of research.</b> Extent to which the theoretical background is related to the international or Russian managerial practice; development of applied recommendations; justification and interpretation of the empirical/applied results.</p>
<p>The analysis made it possible for the student to formulate some important proposals on how to improve the efficiency of procurement in the construction sector. The dissertation materials can be used by customers and legislators to revise existing procurement methods in road construction.</p>
<p><b>Quality of thesis layout.</b> Layout fulfils the requirements of the Regulations for master thesis preparation and defence, correct layout of tables, figures, references.</p>
<p>Layout, in total, fulfils all requirements of the Regulations for master thesis preparation and defence.</p>
<p><b>Originality of the text.</b> All sources of match identified by the Safe Assign system follow the allowed cases, the paper does not contain any elements of plagiarism.</p>
<p>The thesis text is original and does not contain elements of plagiarism.</p>

Some thesis results have been presented at Conferences “PPP in Transport: Models and Experience” at 2020 and 2021 and published in the Conferences proceedings.

The Master thesis of Aleksandra Lvova meets the requirements for master thesis of MUMD program thus the author of the thesis can be awarded the required degree.

Date 11/06/2021

Scientific Advisor:  
*PhD in Math*

A handwritten signature in blue ink, consisting of several fluid, connected strokes that form a stylized name.

A. Ivanov