

中文题目：厂区工程倒班宿舍工程量清单及投标报价

外文题目：BILL OF QUANTITIES AND BIDDING FOR OVERTIME
DORMITORY FOR FACTORY PROJECT

摘要

经过我国高速的经济建设等基础建设，建筑业也随之快速改革发展，发展之快肉眼可见。也正因此使得工程造价在工程管理中越发的必不可少，一次非常精准的工程造价能够非常有效的解决资金和成本等难题。同时在工程项目进行中可以非常有效的控制资金类问题，节约成本，因此本次毕业设计本人选择了工程造价类课题，并且依据此工程项目：厂区工程倒班宿舍工程项目进行了研究和分析。

在本次的毕业设计中重点包括了以下三大部分的内容：工程量清单的编制、工程量清单的投标报价编制以及工程造价的分析。在本文的开头部分，工程量清单的编制计算最主要的采用了广联达的两款软件：广联达 BIM 钢筋算量软件 GGJ 和广联达 BIM 土建算量 GCL，通过这两款软件进行了建模计算和手工计算的方式，其中的手工计算主要针对的是基础层部分；本文的中间部分主要采用了广联达计价软件 GBQ，其中依据相应的工程清单和工程定额进行计价，成功计算出工程的清单报价文件；本文的最后部分则使用了类比分析其他相似的工程的方法进行了展示。毕业设计可为厂区工程倒班宿舍工程项目提供相应的工程造价，与其他相似工程的类比分析则可以证明出此工程投标报价的适用性和准确性。

关键词：工程量清单；招投标管理；类比分析

Abstract

After China's high-speed economic construction and other infrastructure construction, the construction industry also followed the rapid reform and development, the rapid development visible to the naked eye. Therefore, project cost becomes more and more essential in project management. A very accurate project cost can effectively solve the problems of capital and cost. At the same time, the project can effectively control the problems of capital and save the cost. Therefore, I chose the project of project cost in this graduation project, and studied and analyzed according to the project of plant engineering shift dormitory project.

In this graduation project, it mainly includes the following three parts: the compilation of the bill of quantities, the compilation of the bidding quotation of the bill of quantities and the analysis of the construction cost. In this paper, the beginning of the bill of quantities of calculation of the main adopted Guanglianda of two software: software GGJ Guanglianda of BIM reinforced calculate volume and Guanglianda BIM civil calculate quantity GCL, through the two software modeling and manual calculation way, including the manual calculation is mainly aimed at the base layer part. In the middle part of this paper, GBQ, the pricing software of Guanglianda, is mainly adopted. The pricing is carried out according to the corresponding project list and project quota, and the list quotation document of the project is successfully calculated. The last part of this paper USES the method of analogy analysis of other similar projects to demonstrate. The graduation project can provide the corresponding project cost for the shift dormitory project of factory engineering, and the analogy analysis with other similar projects can prove the applicability and accuracy of this project tender offer.

Keywords: bill of quantities; Bidding management; analogy analysis

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