Higher Technical Institute CIVIL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

PREPARATION OF BALL OF QUANTITIES USING THE TRADITIONAL METHOD

BY: NICOLAGU IORDANIS C/888

HINE 1999

PREPARATION OF BILL OF QUANTITIES USING THE TRADITIONAL METHOD

by

Nicolaou Iordanis

Project Report

Submitted to

the Department of Civil Engineering

of the Higher Technical Institute

Nicosia-Cyprus

in partial fulfillment of the requirements

for the diploma of

TECHNICIAN ENGINEER

in

CIVIL ENGINEERING

June 1999



ACKNOWLEDGEMENTS

I would like to express a feeling of gratitude to all the people who, in any way, have contributed to the completion of this project.

Acknowledgements are extended to Mr. A. Kkollos for his active supervision and advice throughout this work.

DEDICATIONS

I would like to dedicate this project to my parents,

YENETHLIOU NEOPHYTOS YENETHLIOU ELPIDA

to my brother,

NICOLAOU ALECOS

and to my sisters,

HAYIANNI NIKKI ANTONIOU ANDRI

for their support and guidance during my year studies at the Higher Technical Institute.

I. Nicolaou

SUMMARY

The object of this project was to prepare a Bill of Quantities for a given house, by using the traditional method of measurement and the SMM7. The taking off of this project, as well as the rest of it, was executed in such a way that any qualified surveyor can carry out the work from any point without any difficulties.

Contents

1.	THE BILL OF QUANTITIES	
	1.1 What is the Bill of Quantities	1
	1.2 Purposes of Bill of Quantities	
	1.3 The content of Bill of Quantities	2
	1.4 The main types of BOQ	
	1.5 Methods of preparing the BOQ	3
	1.6 The work of the Quantity Surveyor	4
2.	TAKING OFF	5
3.	SQUARING AND ABSTRACTING	7
4.	TAKING OFF OF THE HOUSE	9:1-30
5.	SQUARING AND ABSTRACTING OF TAKING OFF	10:31-40
6	BILLING	11.41-53