

PREPARATION OF BILL OF
QUANTITIES USING THE
TRADITIONAL METHOD

by

Andri C. Varkari

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 1994



Acknowledgements

I would like to express my gratitude to all people who in anyway helped me during the execution of this project.

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

Further I would like to thank Mr. Ph. Elefteriades, the external assessor, for kindly accepting to examine my project.

My thanks extend also to Mrs. M. Ioannou who has undertaken the responsibility of carrying through all typing work.

A. Varkari

SUMMARY

The objective of the project was to prepare the Bill of Quantities for a given two-storey building.

The use of traditional method for taking off and preparing Bill of Quantities is widely used in Cyprus by many firms.

The time taken to prepare this Bill may be considered fair. The amount of work involved may be more than using computer methods, but the booking and records for the dimensions and specifications used are such that any other surveyor may carry out the work from any point and finish it with no problem. That is the reason why it is used so much in various offices.

The aim of the project was succeeded by preparing the bill of quantities and have it ready for tendering.

Contents

	<u>Page</u>
Introduction	2
The Bills of Quantities	4
Quantity Surveyor	5
The method of measurement of work	7
 <u>Chapter 1</u>	
Taking off List	21
 <u>Chapter 2</u>	
Preparation of Bills of Quantities	69
Abstracting	74
 <u>Chapter 3</u>	
Billing	82
Bill of Quantities	84
 <u>Tables: SMM7</u>	
 Drawings	