HIGHER TECHNICAL INSTITUTE

CIVIL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

PREPARATION OF BILL OF QUANTITIES
USING THE COMPUTER METHOD

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SUMMARY

Bill of quantities is the means whereby the majority of building works is described and measured, it sets out the various item of work in recognized manner and in a logical sequence.

In addition to this bill of quantities assists building contractors to estimate the cost of a building project before any work commences.

There are three methods preparing the bill of quantities:

- 1. Traditional method
- 2. Cut and Shuffle method
- 3. By computer

In this project the COMPUTER method is used and the objective are as follows:

- to write a reported on the different method of "taking off" used in Cyprus.
- to compare them with SMM7
- to carry out the "taking off" measurements of the drawings provides using the traditional method.

This is a singlefloor house build in Avgorou. It is a standard house and its area is 180m2.

TABLE OF CONTENTS

	PAGE:
1. Acknowledge	1
2. Summary objective	2
3. Introduction	3
4. Taking off measurements	4
5. Abstracting	35
6. Bill of quantities	47
7. Conclusions	56