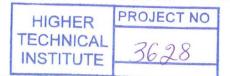
# HIGHER TECHNICAL INSTITUTE CIVIL ENGINEERING DEPARTMENT

#### DIPLOMA PROJECT

## PREPARATION OF BILL OF QUANTITIES USING THE TRADITIONAL METHOD

CHRISTOFIDES CHRISTOS

JUNE 2006



#### 2. INTRODUCTION

#### Description of the house:

The houses are located in Paphos.

The area of house 1 is around 132m² and of house 2 is around 144m² also house 1 has 34m² verandas and house 2 has 40m² verandas.

Both houses are comprised of a ground floor and a first floor. The ground floor comprises of a sitting room, a dining room, a kitchen and a W.C.

The first floor comprises of 3 bedrooms and a hallway. There is a common bathroom with shower and W.C. and one bedroom has its own shower and W.C.

Both houses have pitched roofs covered with clay tiles and a small flat area for positioning the solar panels and the water tanks.

### **CONTENTS**

Sections:	<u>Page</u>
1. Acknowledgements	1
2. Introduction	2
3. Taking off measurements	3
<ul> <li>3.1 Groundwork – Earthwork</li> <li>3.2 Concrete Works</li> <li>3.3 Formworks</li> <li>3.4 Masonry</li> <li>3.5 Finishes</li> <li>3.6 Reinforcement</li> </ul>	4-7 8-13 14-18 19-22 23-37 38-55
4. Abstracting	56-7
5. Bill of Quantities	72-89
6. Conclusions	90
7. Drawings	91