



**mara**  
**university of**  
**technology**  
perlis indera kayangan, 02600 arau, malaysia

**ETR 300**  
**(BASIC ENTREPRENEURSHIP)**

**DIPLOMA IN CIVIL ENGINEERING**

**ADVANCE CONSTRUCTION TECHNOLOGY ENTERPRICE**  
**(THE ULTIMATE WALL)**

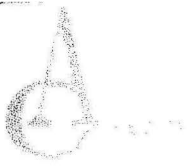
**PREPARED BY:**

RIDHWATI @ NORAINI BT. BUKHARY	2000546246
FAZLIYANA BT. ABU SEMAN	2000112541
SITI NOOR JUSMILA BT. AZIZ	2000514716
NORZIHAN BT. AZEMI	2000112367

**PREPARED FOR:**

Mr. MOHAMED. ZAIN B. IDRIS

**DATE OF SUBMISSION : 8<sup>TH</sup> October 2003**



## **ADVANCE CONSTRUCTION TECHNOLOGY ENT.**

### ***INTRODUCTION***

## **INTRODUCTION**

As a beginning an introduction to our business plan, we have selected a suitable name for our company that is called Advance Construction Technology Enterprise. The selected business is a type of share that is establish under Akta Pendaftaran Perniagaan – 1956 (pindaan 1978). Type of business that we selected is partnership.

Our companies are produce an Ultimate Wall System designed and developed in Finland. This product we called ACOTEC. The principles benefits of our product include its speed of construction, time efficiency, low wastage and minimal wet works (at project site), with high quality finishes to meet the strict budget desired in the building construction industry.

The ACOTEC is a rapid construction system highly applicable to low, intermediate and high-rise developments such as single storey, 5-storey way walk up apartments and condominium developments. The ACOTEC is also a synergistic building system, enhancing the benefits of system formwork or conventional column and beam construction methodology. It can be independently utilized for single storey developments where, selected cores are in-filled with steel bar reinforcement to become integrated as permanent formwork. One unit of 600 x 3000mm panel (75mm and 100mm thickness) is equivalent to 112 pieces of bricks. From this advantage, we know by this ACOTEC we can help the contractors to speed their job.

We choose this business because it is easy to set up and we can combine all our efforts and experiences toward the excellence of this business. We also concern the risk and return from this kind of business and we agreed to contribute and share all profits or losses that will be happen in the future.



## **ADVANCE CONSTRUCTION TECHNOLOGY ENT.**

### ***INTRODUCTION***

There are many advantages by this product like: -

- Speed of construction.
- Direct and indirect cost savings.
- High product quality.
- Environment friendly product.
- Low material wastage/pilferage.
- Minimal wet works (at project site).
- Small installation teams.
- Neat and clean work sites.

The growth in the building sector remains at the same level of 2.3% for year 2003. This happens due to the continuous financial support from government to civil projects. However, the sending back of the illegal immigrants labors has temporarily given a negatives affects to this sector. Due to the problems of lack of jobs, which continue to happen in the first half of the year 2004, the growth in the building sector will increase by 1.9%.

Most of the growth has shown the slow movement in civil engineering and sub-resident sector. This happens due to the low spending on the infrastructure projects by both government and private sector, which lead to the incompletion of certain on going projects. Starts from year 2003 contractors were face with not having enough workers. By this ACOTEC, we can help them to solve this problem.

This business will operate at Lot 36, Lorong Perusahaan B, Kulim Industrial Estate, 09100 Kulim, Kedah Darul Aman. We choose this location because of it strategic area and near the industrial area. It is also because Kedah Government, as one of the city center will develop this location, so this location will be upgraded with new and



## **ADVANCE CONSTRUCTION TECHNOLOGY ENT.**

### ***INTRODUCTION***

sophisticated amenities. At the same time, we also can take a chance to get the tender to provide our product for this upgrade construction. Other reason is Kedah can be ideal center of our marketing target for a North State. There are Kedah, Perlis, Penang and North Perak. So that, we can get many customers not only in Kedah but also from other state.

We suggest starting our business on 1st January 2005 because we are planning to collect experienced in building construction field, sufficient capital and final partner to start our business. This is to estimate our business that we will develop.

The investment made for this project will be RM 150,000 contributed among four partners. The land and building we get from our general manager, which is the price estimation, is RM 250,000. We also get RM 179,403 from bank as loan. Net profit for the first year is expected to be around RM 41,207.

Finally, we hope with all effort that we put in, will result in good returns to us. We also wish that it would be the model for those interested in this kind of business along with the government's 2020 vision.

# **CONTENT**

# **PAGE**

## **INTRODUCTION**

PREFACE	1
APPRECIATION	2-3
PURPOSE OF BUSINESS PLAN	4-5
SUBMISSION LETTER	6-7
INTRODUCTION OF BUSINESS	8-10
MISSION OF BUSINESS	11-13
VISSION	14
BACKGROUND OF COMPANY	15-16
BACKGROUND OF PARTNER	17-21
PARTNERSHIP AGREEMENT	22-25
COMPANY LOGO	26
LOGO DESCRIPTION	27
PLAN LOCATION	28
COMPARISON OF ACOTEC PANEL AGAINST CONVENTIONAL BRICKWALL	29-30
PANEL DIMENSION	31

## **ACOTEC PANEL DETAIL**

32-54