



Drainage and Irrigation Department
District of Seberang Perai Utara

**WELCOME TO
PROJECT BRIEFING ON**

**BERTAM FLOOD MITIGATION
PROJECT 2007**

PROJECT INFORMATION

CONTRACT NO : JPS/IP/S/3/03

PROJECT NAME: MEREKABENTUK, MEMBINA DAN MENYIAPKAN PROJEK TEBATAN BANJIR (PTB) KAWASAN BERTAM KEPALA BATAS, DAERAH SEBERANG PERAI UTARA PULAU PINANG.

DESIGN, BUILD AND COMPLETION OF BERTAM MITIGATION PROJECT, KEPALA BATAS, DISTRICT OF NORTHERN SEBERANG PERAI.

PROJECT COST: RM152,248,930.00

CONSULTANT : RPM ENGINEERING SDN BHD.

CONTRACTOR : KERY-PPKLB JV

STARTED DATE : 22 FEBRUARY 2007

FINISHED DATE : 21 FEBRUARY 2009

TYPE OF CONTRACT: DESIGN AND BUILD

PROJECT DIRECTOR: DIRECTOR DID PULAU PINANG

DESCRIPTION OF WORKS

This project is a Flood Mitigation project implemented by DID in 2007 completed in Feb 2009.

The objective is to mitigate flood in Bertam And Kepala Batas Area. The project Area covered under the earlier feasibility study in 2001 by RPM Engineers Sdn Bhd. . Limited to Bertam-Kepala Batas Area which Cover with the total area of 44.5 km²

SCOPE OF WORKS

THE FEASIBILITY STUDY OF BERTAM, KEPALA BATAS FLOOD MITIGATION AND DRAINAGE PROJECT THAT WAS COMPLETED ON 2001, GOVERNMENT DESIDED TO IMPLEMENT THE WORKS IN SYSTEM AS FOLLOWS:-

A. TEMBUS AND LAHAR TIANG RIVERS

- i. Revetment works along Sg Tembus
- ii. Revetment works along Sg Lahar Tiang
- iii. Desilting existing river Sg Lahar Tiang

B. LAHAR ENDIN RIVER COMPLEX

- i. Revetment works along Sg Lahar Endin
- ii. Construction and erection of Precast L shape
- iii. Pumping Station and related structures such as gated barrage side spillway, mechanical trash screen, ancillary buildings
- iv. Slope protection for detention pond
- v. Town Drain along Jalan Dato' Ahmad Badawi
- vi. Construction and Completion of Flood Control Operation Building.

SCOPE OF WORKS

THE FEASIBILITY STUDY OF BERTAM, KEPALA BATAS FLOOD MITIGATION AND DRAINAGE PROJECT THAT WAS COMPLETED ON 2001, GOVERNMENT DESIDED TO IMPLEMENT THE WORKS IN SYSTEM AS FOLLOWS:-.....continue

C. ABDUL RIVER

- i. River improvement and Revetment works
- ii. Town Drains
- iii. Drain over irrigation siphon

D. PARIT HOGEN SYSTEM

- i. Internal Town Drainage at Dato' Haji Ahmad Badawi Road
- ii. Slope improvement and revetment works
- iii. 2 Nos. Medium Traffic Bridges

SCOPE OF WORKS

THE FEASIBILITY STUDY OF BERTAM, KEPALA BATAS FLOOD MITIGATION AND DRAINAGE PROJECT THAT WAS COMPLETED ON 2001, GOVERNMENT DESIDED TO IMPLEMENT THE WORKS IN SYSTEM AS FOLLOWS:-....continue

E. KEREH RIVER

- i. Flood protection Bund
- ii. Flood walls
- iii. River improvement works (widening and turfing)

F. MECHANICAL & ELECTRICAL WORKS

- i. Installation of Screw Pumps and Operating System
- ii. Installation of SCADA System
- iii. Installation of Electrical System
- iv. Installation of Fire Fighting System

A photograph of Earth from space, showing the curvature of the planet and the blue atmosphere. The text "THANK YOU" is overlaid in large, white, sans-serif capital letters. The background is a dark, starry space with a bright light source in the upper left corner, creating a lens flare effect.

THANK YOU