



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

# جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

## قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها  
على هذه الأفلام قد أعدت دون أية تغيرات



## يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of  
15 – 25c and relative humidity 20-40 %



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# بعض الوثائق الأصلية تالفة



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بالرسالة صفحات

لم ترد بالأصل



BN 504

Mansoura University  
Faculty of Engineering  
Structural Engineering Dept.

## CONSTRUCTION PROJECT COST OPTIMIZATION

BY

**ATHER MOHAMED FAKHR ELDIN ELSHEIKH**

B.Sc. (Honor) in Civil Eng., Mansoura University

Demonstrator, Structural Eng. Dept.

### *A Thesis*

Submitted in partial fulfillment for the requirements of the degree of

Master of Science

*In*

**Structural Engineering**

### SUPERVISORS

**Assoc. Prof. Dr.\  
OSSAMA HOSNY**

Associate Prof. of Project Management.  
Faculty of Eng. – Helwan University

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Associate Prof. of Structural Eng.  
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**Dr.\  
ABD ELAZIZ ELHALAWANY**

Lecturer., Structural Eng. Dept.  
Faculty of Eng. – Mansoura University

2005







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**2005**





وَسُبِّحَ لِلَّهِ الْمَلِكِ الْحَمْدُ الرَّحْمَنِ الرَّحِيمِ

قَالُوا سُبْحَانَكَ اللَّهُ عَمَّا يُشْرِكُونَ  
عَلَّمَنَا إِنْ فَتَى الْعَالَمِينَ الْخَالِقِينَ

صَبَّحَ لِلَّهِ الْمَلِكِ الْحَمْدُ الْعَظِيمُ

البقرة آية: (٣٢)



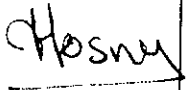
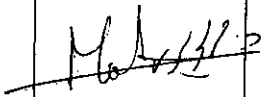
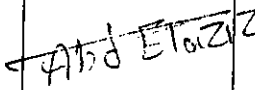
## SUPERVISORS

**THESIS TITLE:** "Construction Project Cost Optimization"

**RESEARCHER NAME:** Ather Mohamed Fakhr Eldin Elsheikh

**DEGREES:** B.Sc. in civil engineering, May 2000, with general grade very good with honor degree.

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## Examination Committee

**THESIS TITLE:** "Construction Project Cost Optimization"


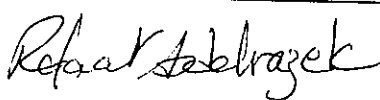
**RESEARCHER NAME:** Ather Mohamed Fakhr Eldin Elsheikh

### EXAMINATION COMMITTEE

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1	Professor Dr. <b>Adel Abo El-Yazid El-Samadony</b>	Professor of Construction Project Management Faculty of Engineering - Mataria, Helwan University.
2	Professor Dr. <b>Refaat Hassan Abdel-Razek</b>	Head of Construction Engineering Department, Professor of Construction Project Management Faculty of Eng., - Zagazig University.
3	Assoc. Professor Dr. <b>Ossama Ahmed Hussein Hosny</b>	Assoc. Prof. of Construction Project Management Faculty of Engineering - Mataria, Helwan University.

**EXAMINATION DATE:** 24 / 12 / 2005

### SIGNATURE:

	Name	Signature
1	Prof. Dr. Adel Abo El-Yazid El-Samadony	
2	Prof. Dr. Refaat Hassan Abdel-Razek	
3	Assoc. Prof. Dr. Ossama Ahmed Hussein Hosny	