

iECM COMPANY LIMITED



intelligent
Engineering
Construction
Management



“**S**uccessful in Business shall be in one achievement and harness long-term relationship with clients.”



Content

| | |
|----------------------|------|
| The COMPANY | 1-6 |
| • Fields of Activity | 2 |
| • Range of Services | 2 |
| • Our Team | 3 |
| • Company Philosophy | 4 |
| • Company Structure | 5 |
| • Our Record | 5 |
| • IECM Executive | 6 |
| Project REFERENCE | 7-23 |
| The CERTIFICATION | 24 |



The COMPANY



IECM The COMPANY



The Company

IECM Company Limited (Former Name - EEC Construction Management Co., Ltd. : EEC-CM)

is one of the leading firm of Engineering and Consultancy Services in Thailand. Our company is proud of its successful record of the achievements, which bring its stock of experience, know-how, capabilities to bear when finding solutions for demanding engineering tasks. We are assure our quality of services in the high standard accordings to Quality Management System, certified by BVQI, Standards ISO 9001 : 2008

Fields of Activity

IECM Company Limited offers Engineering and Consultancy Services that deal with the following fields :

Building & Industrial Plant Construction

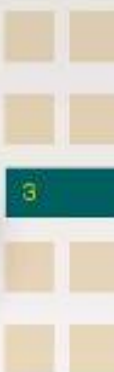
- Civil & Structural Engineering
- Architectural and Interior Fit-out works
- Electrical Engineering facilities including HV & LV Power & Communication System
- Air Conditioning and Air Quality Control
- Fire Protection / Suppression Systems
- Water Treatment and Supply Systems
- Waste Water Treatment Plant
- Plumbing and Sanitary Systems
- Vertical Transportation System
- Mechanical & Electrical Supplies for Utility Services for Industrial Plant

Energy Management

- Energy Auditing and Studies
- Energy Conservation Measures (E.C.M.) Implementation
- Energy Efficient Conceptual and Detail Design

Range of Services

- Project Management, inclusive of Cost Planning and Time Scheduling
- Construction Management and Supervision
- Integrated Conceptual and Detail Design, inclusive of Structural, Architectural and M & E Engineering
- Analysis of Building Safety and Performance, inclusive of Assessments Report
- Bidding Documentation and Recommendation
- Quantity Surveying
- Operation & Preventive Maintenance Management



Our Team

IECM is in the legal form of a company comprising members of engineering, architects, technicians and the supporters. Most of our engineers, architects and technicians possess more than 10 years professional experience. **IECM** is a member of the Consulting Engineers Association of Thailand (CEAT), registration on the DATABASE of Thai Consultants (Ministry of Finance).

TEAM WORK





Company Philosophy

IECM, as a company specializing in the Engineering and Consultancy Services, offer specialized services to accord top priority to the interests of its clients. **IECM** has primary aims and the philosophy that :

- **IECM offers high standard in quality at market price**

The strict standards on technical and management skills, as well as professional quality service is assured by constant attempt to improve by the development of more efficient working system using advanced facilities according to the Quality Management System, Standards ISO 9001 : 2008.

- **IECM has high-qualified employees**

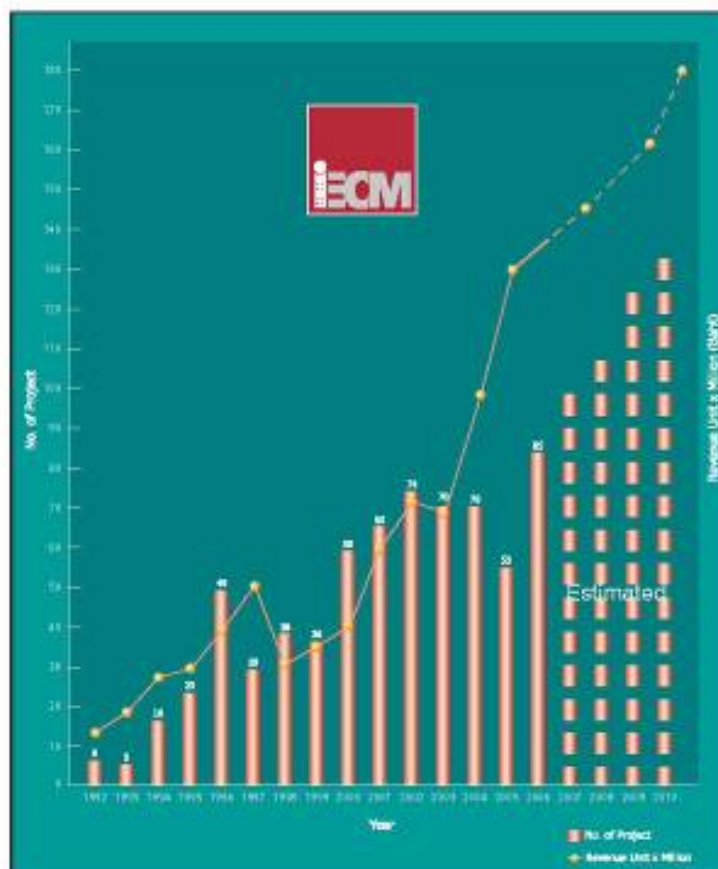
The main keys to success of the company are given to recruiting and encouraging capable employees, allocation and clear description of each employee responsibilities. This is a prerequisite for the creation of a team of highly qualified experts and leaders.

- **IECM identifies itself with its customer's requirements**

Expertise and professionalism, supported by high qualified and well-trained teamwork, discretion, awareness of the client's special requirements are a high degree of identification and a total commitment to providing a service.

- **IECM vision and commitment for the future**

The greatest possible extent technologies relating to future-oriented and growth markets such as energy conservation, replenishment of the environmental and fire safety will be major issues that will form the basis of all future development projects. The company's commitment and emphasis on teamwork and mutual support amongst its affiliated companies towards producing modern, economic, sustainable and maintainable engineering systems to safeguard the future with innovation.



Company Structure

IECM was established in 1992. With a wide range of expert Engineering and Consultancy Services as per described above. So, our Company Structure has been divided into 3 major departments as follows :

- Project Management Department
- Engineering Department
- Energy Department

The company shares are owned by its board members and permanent employees which will be free from any outside influence or pressure and as a consultant pay loyalty to our Clients only.

At present, our staff are consisted of 70⁺ permanent employees, among them are 30 various disciplines of engineers and architects and 25 technicians and the rest are supporting team. Most of our engineers, architects and technicians possess more than 10 years experience. From a consultancy firm originally active on a local basis, **IECM** has evolved to an engineering and consultancy company of international format and of the foremost rank.

Our Record

Today, more than a decade of its successful record, the company has continuous growth with a strong relationship with its customers and other organizations involved in the project. **IECM** has executed Engineering and Consultancy Services to more than 300 projects in both private and government sectors.

IECM The COMPANY



Top Management of IECM



Mr. Wichan Siwachitpong
Managing Director



Mr. Viroje Tanthanapalakul
Deputy Managing Director



Mr. Supol Kaewbanpod
Director

Mission Statement

Our Quality Management System (QMS) is aimed to deliver our best services to satisfy our customers' needs.

MANAGEMENT



Project REFERENCE



IECM Project REFERENCE



Office & Bank

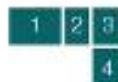
- 1 Project : **DTAC Service Call Center, Rangsit Klong 5**
 Client : **Total Access Communication Plc. (TAC)**
 Area : 8,600 SQ. M.
 Scope of Service : Construction Management & Supervision
 Cost of Project : 180 Million Baht
 Project Complete : 2007



- 2 Project : **Muang Thai Phatra Complex**
 Client : **Phatra Real Estate Co., Ltd.**
 Area : 150,000 SQ. M.
 Scope of Service : Construction Management & Supervision of M & E Works
 Cost of Project : 900 Million Baht (M & E Cost)
 Project Complete : 1995

- 3 Project : **Maleenont Tower**
 Client : **Maleenont Tower Co., Ltd.**
 Area : 12,000 SQ. M.
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 210 Million Baht
 Project Complete : 2003 - 2004

- 4 Project : **Shinawatra Tower III**
 Client : **OAI Property Co., Ltd.**
 Area : 113,000 SQ. M.
 Scope of Service : Construction Management & Supervision of M & E Works
 Cost of Project : 1,700 Million Baht
 Project Complete : 2000





- 5 Project : **Amarin Book Center**
 Client : **Amarin Printing & Publishing Plc.**
 Area : 13,600 SQ. M.
 Scope of Service : Construction Management
 & Supervision
 Cost of Project : 180 Million Baht
 Project Complete : 2007



- 6 Project : **Head Office, Training Center and R&D Building**
 Client : **PTT (chem) Plc.**
 Area : 27,000 SQ. M.
 Scope of Service : Construction Management
 & Supervision of M & E Works
 Cost of Project : 300 Million Baht
 Project Complete : 2007

- 7 Project : **Tara Sathorn**
 Client : **C.P Seven Eleven Plc.**
 Area : 25,794 SQ. M.
 Scope of Service : Project Management,
 Construction Management
 & Supervision
 Cost of Project : 177 Million Baht
 Project Complete : 2007

- 8 Project : **Bank of Ayudhaya (Computer Center)**
 Client : **Ayudhaya Bank Plc.**
 Area : 7,000 SQ. M.
 Scope of Service : Construction Supervision
 of M & E Work
 Cost of Project : 170 Million Baht
 Project Complete : 1995



IECM Project REFERENCE



Commercial Complex



- 1 Project : **Siam Paragon**
 Client : **Siam Piwat Co., Ltd.**
 Area : 450,000 SQ. M.
 Scope of Service : Construction Supervision of M & E Works
 Cost of Project : 1,200 Million Baht
 Project Complete : 2005



- 2 Project : **Future Park Plaza, Rangsit**
 Client : **Rangsit Plaza Co., Ltd.**
 Area : 500,000 SQ. M.
 Scope of Service : Construction Supervision of M & E Works
 Cost of Project : 1,500 Million Baht
 Project Complete : 1995





Broadcasting & Entertainment



- 3 Project : **Fortune Town**
 Client : **Siam Fortune Co., Ltd.**
 Area : 400,000 SQ. M.
 Scope of Service : Construction Supervision of M & E Works
 Cost of Project : 1,200 Million Baht
 Project Complete : 1993



- 1 Project : **SF Cinema City Music**
 Client : **SF Cinema City Music Co., Ltd.**
 Area : 5,000 SQ. M.
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 75 Million Baht
 Project Complete : 2002
- 2 Project : **Army Television Station Channel 5**
 Client : **Army Television Station Channel 5**
 Scope of Service : Construction Supervision of M & E works
 Cost of Project : 350 Million Baht
 Project Complete : 1999
- 3 Project : **ITV**
 Client : **ITV Plc.**
 Area : 4,200 SQ.M.
 Scope of Service : Construction Supervision of M & E works
 Cost of Project : 55 Million Baht
 Project Complete : 2003

IECM Project REFERENCE



Communication & Education



- 1 Project : **True Internet Data Center**
Client : **True Internet Data Center Co., Ltd.**
Area : 2,650 SQ. M.
Scope of Service : Construction Management & Supervision
Cost of Project : 58 Million Baht
Project Complete : 2006

- 2 Project : **Tayan**
Client : **True Property**
Area : 13,035 SQ. M.
Scope of Service : Project Management, Construction Management & Supervision
Cost of Project : 75.6 Million Baht
Project Complete : 2007



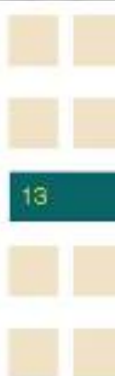
- 3 Project : **AIS - Telephone Exchange**
Client : **Advanced Info Service Plc.**
Area : All Region in Thailand
Scope of Service : Construction Supervision

- 4 Project : **TAC - Telephone Exchange (KHON KAEN & PHISANULOK)**
Client : **Total Access Communication Plc.**
Area : 2,000 SQ. M.
Scope of Service : Project Management, Construction Management & Supervision
Cost of Project : 26 Million Baht
Project Complete : 2001





Government Sector



13

- 5 Project : **Shinawatra University**
 Client : **SC Asset Group (OAI Education Co., Ltd.)**
 Area : 50,000 SQ. M.
 Scope of Service : Construction Management & Supervision of M & E Works
 Cost of Project : 800 Million Baht
 Project Complete : 2001

- 6 Project : **Panyapiwat Business Technology College**
 Client : **Suksapiwat Co., Ltd.**
 Area : 8,100 SQ. M.
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 88 Million Baht
 Project Complete : 2005

5
6



- 1 Project : **The National Metrology System Development Project (II)**
 Client : **National Institute of Metrology (Thailand) to the Ministry of Science and Technology**
 Area : 34,100 SQ. M.
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 348 Million Baht
 Project Complete : 2004
- 2 Project : **The Revenue Department**
 Client : **Ministry of Finance**
 Area : 90,000 SQ. M.
 Scope of Service : Construction Management & Supervision of M & E Works
 Cost of Project : 1,435 Million Baht (M & E Project Cost)
 Project Complete : 1996

IECM Project REFERENCE



Sport & Hospital

1

- Project : **Pattana Golf Resort and Sport Club**
 Client : **Pattana Sport Club**
 Area : 1,500 Rai
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 800 Million Baht
 Project Complete : 2004

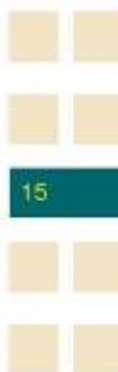


- 2 Project : **Thammasart Hospital**
 Client : **Thammasart University**
 Area : 15,000 SQ. M.
 Scope of Service : Construction Supervision of M & E Works
 Cost of Project : 50 Million Baht
 Project Complete : 1988
- 3 Project : **Hua Chiew Hospital**
 (Renovation Elevator, Waste Water Treatment System & Fire Safety System)
 Client : **Hua Chiew Hospital**
 Area : 18,000 SQ. M.
 Scope of Service : Construction Supervision of M & E Works
 Cost of Project : 68 Million Baht
 Project Complete : 1999
- 4 Project : **Siriraj Hospital (Syamindra Building)**
 Client : **Siriraj Hospital**
 Area : 52,000 SQ. M.
 Scope of Service : Construction Supervision
 Cost of Project : 400 Million Baht
 Project Complete : 1992





Hotel & Resort



- 1 Project : **Royal Cliff Beach Resort**
- Client : **Royal Cliff Beach Hotel Co., Ltd.**
- Scope of Service : M & E Works Renovation and Renovation of Electrical Distribution
- Cost of Project : 33 Million Baht
- Project Complete : 2004

- 2 Project : **Ao Nang Villa Resort**
- Client : **Ao Nang Villa Co., Ltd.**
- Unit : 88 Rooms
- Scope of Service : Design & Build of M & E Works
- Cost of Project : 30 Million Baht
- Project Complete : 2002

- 3 Project : **Peace Laguna**
- Client : **Peace Laguna Resort Co., Ltd.**
- Scope of Service : Design & Build of M & E Works
- Cost of Project : 40.5 Million Baht
- Project Complete : 2004

- 4 Project : **Holiday Inn Crowne Plaza**
- Client : **Saya (Thailand) Co., Ltd.**
- Unit : 330 Rooms
- Scope of Service : M & E Works Renovation
- Cost of Project : 13 Million Baht
- Project Complete : 2003



IECM Project REFERENCE



Industrial Plant

- 1 Project : **Johnson & Johnson (Thailand) (New Warehouse)**
 Client : **Johnson & Johnson (Thailand) Co., Ltd.**
 Area : 16,000 SQ. M.
 Scope of Service : Construction Management & Supervision
 Cost of Project : 70 Million Baht
 Project Complete : 2002



- 2 Project : **Denso Thai Air Conditioner**
 Client : **Denso (Thailand) Co., Ltd.**
 Area : 17,500 SQ. M.
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 230 Million Baht
 Project Complete : 2003



- 3 Project : **Rajburi Ethanol**
 Client : **Rajburi Ethanol Co., Ltd.**
 Area : 30 rai
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 500 Million Baht
 Project Complete : 2007



- 4 Project : **Seagate (Teparuk Plant)**
 Client : **Seagate Technology (Thailand) Co., Ltd.**
 Area : 44,600 SQ. M.
 Scope of Service : Utilities Consumption Analysis
 Cost of Project : N.A.
 Project Complete : 2007

- 5 Project : **Siam Press Printing**
 Client : **Siam Press Management Co., Ltd.**
 Area : 16,000 SQ. M.
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 200 Million Baht
 Project Complete : 2006



- 6 Project : **MK Catering**
 Client : **MK Restaurant Co., Ltd.**
 Area : 10,228 SQ. M.
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 209 Million Baht
 Project Complete : 2002

- 7 Project : **OISHI Catering**
 Client : **OISHI Group**
 Area : 12,000 SQ. M.
 Scope of Service : Project Management, Construction Management & Supervision
 Cost of Project : 150 Million Baht
 Project Complete : 2003



Project REFERENCE



Design - Building Inspection

Design



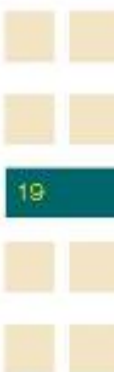
Outstanding Projects :

Ao Nang Villa Resort
Acala Apartment
True Internet Data Center
Holiday Inn
DTAC Service Call Center
Marine Building (RRC)
Emergency Service Center (NPC - S&E)
Etc.





Building Inspection



19



Outstanding Projects :

Future Park Plaza, Rangsit
Maleenont Tower
Tayan
Tara Sathom
Seagate (Korat)
Muang Thai Phatra Complex
Kasikom Bank (Head Office)
Etc.

IECM Project REFERENCE



Value Engineering - Energy Conservation

Building : Value Engineering - Energy Conservation by Designated Building
Year : 2004 - 2008 in 95 buildings



Outstanding Projects :

RS Tower
Semintr Tower
True
U.O.B. Bank (Head Office)
Ital-thai Tower
AIG Tower
Siam Kokam Co., Ltd.
Bank of Ayudhaya
Marriot Royal Garden Riverside
Sheraton Hotel, Chiangmai
Central Samui Beach Resort
Tawanna Ramada Hotel
Mandarin Hotel
Royal Princess Hotel, Korat
Diana Complex
Carrefour
Big C
Mike Shopping Mall
Makro Public Co., Ltd.
Tang Hua Seng
Robinson, FPP
Etc.





Factory : Value Engineering - Energy Conservation by SMEs
Year : 2005 - 2006 in 80 factories.



21



Outstanding Projects :

Pichai Fish-Sauce Co., Ltd.
N.K. Feedmilk Co., Ltd.
Seven-up Bottling Co., Ltd.
Panasia (1981) Co., Ltd.
Universal Food Public Co., Ltd.
Fuji Xerox Eco-Manufacturing Co., Ltd.
Charmen Pokphand Foods Public Co., Ltd.
Sahapachinburi Foods Industry Co., Ltd.
Suree Interfoods Co., Ltd.
Apex Toys Co., Ltd.
Union Paper Cartons Co., Ltd.
Etc.

IECM Project REFERENCE



Designated Energy

Designated Energy Generation for Registration project amount 206 Projects

Year 2004 : in factory and building 102 units

Year 2006 : in factory and building 104 units



Outstanding Projects :

Factory :

Siam Glass Co., Ltd.
Thai Carbon Black Public Co., Ltd.
Yamaha Engine Co., Ltd.
Thai Petroleum Pipeline Co., Ltd.
Thai Gypsum Public Co., Ltd.
Thai CRT Co., Ltd.
Ainomoto (Thailand) Co., Ltd.
CPF Co., Ltd.

Building :

Kasikorn Bank
Thai Bank
Shinawatra Tower 1-3
AIS Communication Office
Bangkok International Airport
TV 5
Laguna Beach Resort
Nakhornratchasima Airport
Tesco Lotus
Etc.





Designated Factory Accredited Consultant

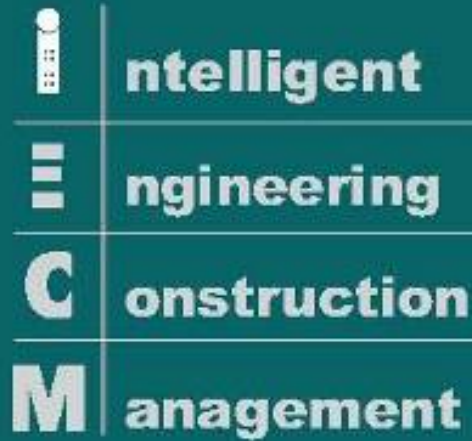
Accredited Consultant for Designated factory on the implementation of Energy Conservation Promotion Act, 1992
 Year 1999-2002 : 200 Factories
 Year 2002-2005 : 250 Factories
 Year 2006-2009 : 800 Factories

23



Outstanding Projects :

Mitr Phol Sugar Corp.
 Ajinomoto (Thailand) Co., Ltd.
 Sangsom Co., Ltd.
 PTT Chemical Public Co., Ltd.
 Unilever Thai Holding Co., Ltd.
 Colgate-Palmolive (Thailand) Ltd.
 Rayong Refinery Public Co., Ltd.
 Esso (Thailand) Public Co., Ltd.
 Goodyear (Thailand) Public Co., Ltd.
 Glow IPP Co., Ltd.
 TPI Polene Public Co., Ltd.
 Thai Oil Public Co., Ltd.
 The Government Pharmaceutical Organization
 IRPC Public Co., Ltd.
 Padaeng Industry Public Co., Ltd.
 Crown Seal Public Co., Ltd.
 Thai Airways International Public Co., Ltd.
 Electricity Generating Authority of Thailand
 Nestle (Thailand) Co., Ltd.
 Etc.



Affiliated Company



A Plus Consultants Co., Ltd.



Firetech Innovation Co., Ltd.

Some of our Clients



Holiday Inn

AMD

THAI



AIS

Siam

เมืองใหม่
นครราชสีมา



true

Johnson-Johnson

MICHELIN



DTAC

SCG

DENSO



Fashion Island

SIAM DRAGON

SYNNEX



BANK OF AYUDHYA

กรมส่งเสริมการค้าระหว่างประเทศ



Seagate



PTT CHEM

สถานีวิทยุ โทรทัศน์

RRC



IBM

Bangkok Post

OUR PUBLICATION



First Edition



Client's
satisfaction
comes first...
...We promise to
do **Our Best.**



IECM Company Limited

135/47, Amornpan 205 Tower II, 16th Fl.
Soi Natong, Ratchadaphisek Road,
Dindaeng Dist., Bangkok 10400 THAILAND

Tel. : (66) 0-2689-5260
Fax : (66) 0-2689-5265
E-Mail : iecm@iecm.co.th
Website : www.iecm.co.th