



1-day Seminar

Managing Complexity in Projects



Introduction

Every year, large projects are completed with much hard work, good planning and management as well as proper execution. The challenges posed to the project teams and the solutions selected by the team provide invaluable learning points to the project management fraternity. This seminar has selected Khoo Teck Puat Hospital, The Pinnacle@Duxton, ION Orchard and the Kallang-Paya Lebar Expressway as case studies. The presentations will illustrate the complex nature of these projects, each using a particular management-related theme to highlight issues that challenged and tested the management skills and capabilities of the project management team.

Seminar Outline

OPENING ADDRESS:

Mr Seah Choo Meng, President, SPM

KHOO TECK PUAT HOSPITAL: SCOPE MANAGEMENT

Ms Puah Chin Yee, Director (Projects), PM Link Pte Ltd

Ms Puah will discuss the level of complexity involved in the management of a building project which depends on 'complexity factors' like the number of disciplines and methods involved in executing the project, the magnitude of legal, social and environmental implications, stakeholder cohesion regarding the characteristics and requirements of the facilities to be delivered and the strategic importance of the project to the client.

PINNACLE@DUXTON: CONSTRUCTION PRODUCTIVITY

Mr Loh Wing Hup, Vice President (PM), SIPM Consultants Pte Ltd

Mr Loh will share with the participants the management of the fabrication, delivery, storage and installation of the many precast components including the precast façade elements to achieve timely delivery and safe installation on site. The use of precast structural components is conceptualised from the design stage with the use of textured yet repetitive façades which were prefabricated to achieve shorter construction cycle. The challenges posed by the complex steel sky-bridge structures at the 26th and 50th storey will also be discussed.

ION ORCHARD: PROCESS INTEGRATION

Mr Lee Kuan Boon, Director, RSP Architects Planners & Engineers Pte Ltd

Mr Lee will provide an insight into the thinking processes and the ideas that the consultants adopted to help the developers add value to the project bid for the site and subsequently solve design problems that enabled the realisation of the site's full potential. There will be elaboration on the building and construction work around and above the existing and fully operational Orchard MRT Station and also the architects' planning and design of creative solutions for best value to this retail and residential development.

KALLANG-PAYA LEBAR EXPRESSWAY: COORDINATION FOR MANAGING CONSTRAINTS

Mr Song Tae Won, Design Manager, Samsung C&T Corporation

Mr Song will present Kallang/Paya Lebar Expressway Contract 423, a 3-km stretch featuring a vehicular tunnel, a traffic interchange and slip tunnels. Its major consideration was the diversion and subsequent reconstruction of a canal within the confines of existing properties and having to manage for potential flooding. There will be elaboration on the coordination challenges in working under extreme space constraint, dealing with varying soil condition and deep excavation within a highly-densified zone.

Objective

The seminar, jointly organised by BCAA and the Society of Project Managers, provides learning and networking platform for industry professionals. In past years, the Society of Project Managers has been organising and conducting annual seminars for its members as well as other interested stakeholders. With the combined resources of BCAA and SPM, this seminar would reach out to more PM practitioners and other construction professionals who are interested in the planning and delivery process of landmark projects.

We have assembled architects, engineers, project managers and constructors who planned and executed the projects to share the methodologies they have used and the stories behind them. We have endeavoured to provide a theme for each presentation. These are scope, design, productivity, integration, risk, planning and coordination.

Details

Date: 1 October 2010

Time: 9.00am to 5.00pm
(Registration starts at 8.30am)

Venue: BCA Academy

Fee (inclusive of GST):

S\$171.20 (SPM Member & BCAA Alumni)

S\$192.60 (non-SPM member)

Lunch and refreshments will be provided.

Accreditation

PEB: *Pending*

BOA-SIA: *Pending*

SPM: *Pending*

IES: *Pending*

BCA ACADEMY

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Seminar Outline

PINNACLE@DUXTON: DESIGN MANAGEMENT

Ms Ang Iyn, Senior Architect, RSP Architects planners & Engineers Pte Ltd

Ms Ang will elaborate on the precast components of its textured elevation, the installation of the skybridges and high rise communal gardens. These will be discussed in the context of managing and coordinating the design needs of the various project consultants, given the delivery schedule and authority requirements.

ION ORCHARD: RISK MANAGEMENT

Mr Terence Koh, Executive Director, Davis Langdon & Seah Singapore Pte Ltd

Mr Koh will present the project risk management from land tender competition to completion. The risks being evaluated and managed

consist of those arising from project and team constraints due to time, site and locality, procurement of various work contracts, synergising the joint venture partners, implementing a cost management system, providing for safety and conducting due diligence to enhance project underwriting outcomes.

KALLANG-PAYA LEBAR EXPRESSWAY: PLANNING IN INFRASTRUCTURE

Mr Chuah Han Leong, Director, LTA (Marina Coastal Expressway)

Mr Chuah will present the implementation of a 12-km transport link from the Northeast to downtown Singapore. With 9 km of tunnels, 8 traffic interchanges, 6 ventilation buildings and 1 operation control centre, this transport link is a very large infrastructure project which took many years to build and was faced with a myriad of construction, technical and environmental challenges.

Event Code: 77041

Registration Form - Managing Complexity in Projects

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PEB BOA-SIA SPM IES Please the relevant box

| Name of Participant | NRIC/Passport No: | Designation | HP no. | Email |
|---------------------|-------------------|-------------|--------|-------|
| | | | | |

Yes, I would like to receive course - seminar updates via email _____.

Company Name: Company UEN No.:

Mailing Address:

Contact Person Particulars

Name: (Dr/Mr/Mrs/Ms) Email:

Designation: Hp no.:

Telephone No.: Fax no.:

Payment

Enclosed is a cheque no. _____ (Cheque should be crossed, marked "account payee only" and payable to 'BCA Academy') for S\$ _____

OR Deduct from GIRO acc. No _____

(should be the same bank account number as indicated in the Direct Debit Authorisation form submitted to BCA)

.....
Name/Signature (*Company / individual applicant)

Company Stamp
(For company application)



Reservation may be made by fax, e-mail, post or by hand. To confirm the reservation, payment will have to be made before the seminar date via cheque, VISA or Nets/cash. No invoice will be issued. Walk-in applicants will only be admitted on the basis of seat availability and full payment. Please inform us in writing of any change in your registration, which is subject to administrative charges as shown below:

Request for Replacement and/or Withdrawal

- Request for replacement in writing, must reach BCA Academy before the commencement date of the seminar: No administrative charge
- Request for withdrawal in writing, that reaches BCA Academy at least 2 weeks before the seminar date: 90% refund of seminar fee.
- Request for withdrawal in writing, that reaches BCA Academy less than 2 weeks but more than 3 working days before the seminar date: 75% refund of seminar fee.
- Request for withdrawal in writing, that reaches BCA Academy 3 working days or less before the seminar date: No refund of seminar fee.

BCA Academy reserves the right to amend the seminar details or cancel the seminar and fully refund the participants should unforeseen circumstances warrant it.

Enquiries

For enquiries, please call 6248-9999 / 6248-9843 or email us at bca_academy@bca.gov.sg

For details of other seminars and courses, please visit our website @ www.bcaa.edu.sg

Registration

Seats are limited, registration is on a first-come, first served basis. Training places will be confirmed upon the payment of the fees before the commencement date.

Please fax the application form to: 6258-0558

Cheques with original application form should mailed to BCA Academy, 200 Braddell Road, Singapore 579700

BCA ACADEMY
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