

Construction Lifecycle Risk Management

Designing an integrated construction lifecycle risk management towards a sustainable project success

Sheraton Abu Dhabi Hotel & Resort,
UAE

17th & 18th April 2011

“The risk to be perceived defines the duty to be obeyed”

Benjamin Cordozo

The key in managing risk is to acknowledge the reality of risk while risk management success lies on the continuous commitment towards proactive anticipation and change management.


marcusevans

Your Distinguished Chairperson:

Samer Hisham Skaik, BSc, MSc, PMP Founder and Chief Editor
Construction Management Guide
Commercial Manager
Damac Properties

Attend this informative event and gain practical insights by:

- **Maximising** opportunities to improve your project's objectives with lower cost, shorter schedules, enhanced scope and higher quality
- **Utilising** cost visibility to enhance project monitoring and efficiently executing a risk management plan
- **Optimising** construction costs and project schedules estimation for an improved project delivery
- **Achieving** seamless project integration management through the coordination between various functional areas
- **Developing** a crisis reduction framework towards minimising risk challenges

***Early Bird & Group Discounts**
Ask about our savings

Gold Sponsors



Associate Sponsor



Official Business Magazines



Official Online News Partner



Official Online Partner



Online Partners



Featuring a half day workshop on:

Managing crisis in construction disputes through solid contract strategies and effective conflict resolution techniques

Workshop trainer

Victor Leginsky, B.Ed., L.L.B., Arbitrator
Dubai International Arbitration Centre

Victor Leginsky has been involved in arbitrations for over 20 years and serves as an Arbitrator with the Dubai International Arbitration Centre, DIAC. Victor has been a Chair or a member of two dozen arbitration panels, and has appeared as counsel in more than a dozen more. He served as the in-house counsel at the Canada Labour Relations Board (now the Canada Industrial Relations Board). In that position, he assisted the Chair and Vice-Chairs make decisions that affected airlines, railways and major trucking companies, among others. Victor served as Chair of the Manufactured Home Park Dispute Resolution Committee by appointment of the Attorney General of British Columbia between 1998 and 2002. This project was established to resolve disputes in manufactured home parks using mediation and arbitration skills.

Featuring expert presentations by:

Khalifa M. Al Khalifa Manager of Internal Audit, IMS & Risk Management Department
Marafiq, Saudi Arabia

Arif Choksy Chief Financial Officer
Ducab, UAE

Chris Morris Risk Manager
Murray & Roberts Contractors, UAE

Michael Perre Operational Risk Manager
Qatari Diar, Qatar

Pankaj K Sinha Principle Contracts Engineer
Abu Dhabi Gas industries Ltd, UAE

Dr. Firas Abouzaki Project Controls Manager
Al Jaber Engineering, Qatar

R.C Verma Executive Vice President (EPC)
Galfar Engineering, Oman

Dr. Manar Shami Manager, Technical & Project Management Training
Consolidated Contractors Company, UAE

Salah Fekry Divisional Cost Manager
Al Habtoor Leighton Group, UAE

Sachin Kerur Partner and Head of Dubai Office
Pinsent Masons LLP, Dubai

Prashanta Bhaumik Director
CTO Aspiritek Technology (P) Ltd, India

Jay Dougherty Associate Director
Navigant Consulting

Ian Hauptfleisch General Manager (Middle East & India)
Peter Chenney General Manager (South Africa)
Construction Computer Software (Gulf) L.L.C

0800 Registration and morning coffee**0830 Opening and welcome remarks from the Chairperson**

Samer Hisham Skaik, BSc CE, MSc CPM (Dist), PMP Founder and Chief Editor
Construction Management Guide

Commercial Manager

Damac Properties

Teaching Fellow

The school of Built Environment-Heriot Watt University

Samer Skaik has built his experience in project management within the contracting field of the construction sector in the UAE. He is currently working as a Commercial Manager for Damac Properties for Middle East projects as well as a Teaching Fellow at the school of Built-Environment-Heriot Watt University. He is also the Founder and Chief Editor for Construction Management Guide (CMGUIDE.ORG).

0845 Session One – Expert advice

Incorporating OMNI as a construction Enterprise Resource Planning (ERP) Software that addresses all the project management, financial and operational capabilities

- Leveraging on ERP in achieving excellence in meeting desired KPI for project success
- Exploring risks from KPI benchmarks from various qualitative or quantitative values at various milestones of project life for value enhancement
- Developing milestone procurement strategy based on critical factors as the heart of performance management initiative
- Adapting Construction ERP Omni© from Aspirtek built in templates as a part of a highly functional risk management plan

Prashanta Bhaumik Director

CTO Aspirtek Technology (P) Ltd

0905 Session Two – Expert advice

Instilling a consistent, strong risk culture that aligns with your enterprise's risk appetite and strategy

- Recognising your risk early and assigning accountability towards planning for project success
- Maximising the utilisation of qualitative, quantitative and combination risk analysis within an integrated change control process
- Maintaining constant communication throughout the monitoring and control stages embodied within the Project Management Body of Knowledge (PMBOK) risk management paradigm
- Weighing the cost-benefit risk return trade-offs within the risk management strategy to prevent unnecessary accrued cost

R.C Verma Executive Vice President - EPC

Galfar Engineering

0950 Session Three – Case study

Exploring the challenges of developing and implementing an integrated framework for quantitative "corporate" Enterprise Risk Management (ERM) at a large international construction company

- Exploring the lack of recognition of risk management by management level even as the awareness of risk is considered as a critical factor for project management success
- Mitigating negative risks and exploiting opportunities using risk analysis of the companies' complex systems
- Deploying counter measures to neutralize, treat, or even capitalize quantified risks such as financial, hazard and operational risk
- Taking cues from the corporate governance and strategic planning that are taking full advantage from the implementation of contemporary ERM models in large companies

Dr. Manar Shami Manager, Technical & Project Management Training

Consolidated Contractors Company

1035 Morning refreshments & networking break**1050 Session Four – Case study**

Evaluating stakeholder responsibilities while identifying the pathway to minimise unnecessary liability assumptions

- Establishing the building blocks of stakeholder engagement to business units and streamlining it into project operations
- Utilising proven best practices and tools to support delivery of effective stakeholder engagement
- Integrating stakeholder engagement throughout the different phases of the project cycle
- Minimising liability according to stakeholder priorities and concerns for better preparation in handling risk challenges
- Mitigating key challenges in multi-stakeholders' involvement in a joint venture or strategic partnership projects towards successful project collaboration

Khalifa M. Al Khalifa Manager of Internal Audit, IMS & Risk Management

Department

Marafiq

1135 Session Five – Case study

Selecting a governance, risk and compliance solution that is best suited for the ideal project outcome

- Evaluating risk softwares option to empower risk department with risk sound decisions
- Satisfying the goals of the upper management in getting management buy in to apply risk tools as apart of the risk management strategy
- Examining risk software choices by evaluating criteria for selecting suitable risk management tools to best serve your goals
- Assessing the benefits in applying risk software solution in identifying and reducing risk in your projects

Michael Perre Operational Risk Manager of Corporate Development

Qatari Diar

1210 Prayer and networking luncheon**1315 Session Six – Case study**

Implementing Building Information Modelling (BIM) for Risk Management and Project controls

- Decreasing RFI's during construction through the use of automated 3D clash detection
- Linking schedule to BIM's for visualization of the critical path and comparing Actual vs. Planned schedules
- Exploring Model-based material & construction specifications for precise Quantity Takeoff and accurate estimates
- Assessing Space Coordination accountability and Fabrication models as Record Documents
- Discovering BIM-enhanced RFI and Change Order evaluation and tracking for smooth project implementation
- Establishing Model-based Constructability Reviews that leads to reduced total delivery time and cost
- Cross-linking BIM's with Cost, Resource and Execution Plan data leveraged into maximize project value

Jay Dougherty Associate Director

Navigant Consulting

1400 Session Seven – Case study

Recognising cost optimisation within the projected time frame as the core component in construction excellence

- Dissecting time-cost relationship and familiarising through cost management to implement a cost effective project execution
- Developing a realistic cost estimation plan throughout the project's phases for practical project pricing forecast
- Tracking project cash flow by developing cost control point within the project lifecycle to avoid cost overruns
- Fostering value engineering maximisation through six sigma project process methodology towards driving project value improvement
- Fortifying measurable cost risks solutions by exploring cost overruns root causes
- Formulating rational project schedule forecast methods through Project Evaluation and Review Technique (PERT) and Critical Path Method (CPM) for a reliable project duration prediction
- Executing effective scheduling procedure by managing project float and non critical activities for a prompt project delivery
- Managing project delays and their impacts by implementing project contingency plans as the project progress

Chris Morris Risk Manager

Murray & Roberts Contractors

1445 Afternoon refreshments and networking break**1500 Session Eight – Case study**

Discovering the other side of earned value generation in operations and strategic reporting

- Analysing the benefits of earned value analysis in communicating scope, schedule and cost status quantitatively to project stakeholders.
- Mitigating key Earned Value reports (EVR) challenges: project inconsistencies as a result on relying EVR technique
- Exploring the impacts on decision and actions based on EVR as a project management technique
- Integrating other tools and techniques in providing better solutions in the areas of EVR weaknesses Is it an accurate way to build up your future plan
- Exploring alternatives in building up an accurate strategy in building a flexible process that provides timely project health information

Salah Fekry Divisional Cost Manager

Al Habtoor Leighton Group

1545 Session Nine – Case study

Key to project intelligence: Implementing risk based bid management towards a successful bidding strategy

- Distinguishing types of bidcalls and risk involved in different types of contracts
- Examining common mistakes in bidding to formulate mitigation strategies
- Employing the best fit tendering strategy by evaluating bid cost risk associated with the various contract options
- Assessing revenue potential to determine optimum bid price without causing cost overruns
- Exploring the best bid document preparation techniques for a successful bidding

Arif Choksy Chief Financial Officer

Ducab

1630 Closing remarks from the Chairperson and end of day One**In-House Training Solutions**

If you have a number of delegates with similar training needs, then you may wish to consider having an In-House Training solution delivered locally on-site. Course can be tailored to specific requirements.

Please contact **Sarah Faradilla** on +603 2723 6600 or email sarahf@marcusevanski.com to discuss further possibilities.

Monday 18th April 2011

0800 Registration and morning coffee

0830 Opening and welcome remarks from the Chairperson

Samer Hisham Skaik, BSc CE, MSc CPM (Dist), PMP Founder and Chief Editor
Construction Management Guide

Commercial Manager
Damac Properties

Teaching Fellow
The school of Built Environment-Heriot Watt University

Samer Skaik has built his experience in project management within the contracting field of the construction sector in the UAE. He is currently working as a Commercial Manager for Damac Properties for Middle East projects as well as a Teaching Fellow at the school of Built-Environment-Heriot Watt University. He is also the Founder and Chief Editor for Construction Management Guide (CMGUIDE.ORG).

0845 Session One – Joint presentation

Employing effective and practical controls for contractors to minimise losses, reduce risk and maximise profits

- Identifying and addressing the challenges and obstacles of control
- Establishing the foundation of control with an analytical, resource based estimate
- Exploring Value and re-engineering estimates to ascertain allowable
- Evaluating determination and protection of margins
- Investigating the role of construction cost accounting based on real time, accrued based and practical
- Establishing Earned Value reporting and analysis that is reliable, accurate and informative

Ian Hauptfleisch General Manager (Middle East & India)

Peter Chenney General Manager (South Africa)

Construction Computer Software (Gulf) L.L.C

0930 Session Two – Case study

Exploring the challenges in delivering a first class infrastructure projects in the Gulf

- Funding issues :Exploring potentially significant hurdles to ensuring bankability of some Gulf infrastructure projects
- Evaluating the shift in legislative landscape towards private sector participation through PPP and project financing/debt financing of infrastructure delivery based on the latest law changes
- Evaluating cultural issues that may affect in devising a bankable asset development of the financial model of infrastructure projects
- Assesing the case of diluting the adversarial culture in the construction industry in the Gulf towards project success
- Overcoming pricing issues on long build phase projects based on critical factors and , 'peaks and troughs' in subcontractor demand.

Sachin Kerur Partner and Head of Dubai Office

Pinsent Masons LLP

1015 Morning refreshments & networking break

1030 Session Three – Expert advice

Managing the complexity of Change Order and Claims for major projects by establishing a smooth running Change Management Framework

- Analyzing the common causes of changes to guard against project surprises
- Differentiating the components of changes to avoid project setbacks
- Developing strategies to anticipate and avoid claims thus eliminating pro-claims environment
- Developing contractual provisions for change and claims management towards a mutual agreed Change Management Framework
- Establishing a smooth running Change Management Framework towards project success

Pankaj K Sinha Principle Contracts Engineer

Abu Dhabi Gas industries Ltd

1115 Session Four – Case study

Managing risks of claims in design and construction proactively to ensure smooth project execution

- Discovering the causes of design error thus minimising project delays
- Exploring project scope that is better suited for available resources of time, budget and workforce
- Assessing project improvement processes to avoid unanticipated design changes during project construction
- Safeguarding against unjust practices and improper claims and change orders caused by design amendment from inflating project cost

Dr. Firas Abouzaki Project Controls Manager

Al Jaber Engineering

1200 Prayer and networking luncheon

1315 Half-Day Workshop

Managing crisis in construction disputes through solid contract strategies and effective conflict resolution techniques

Selecting best contract strategy towards fostering a successful project development

- Analysing construction specification and relationship to contract drawing options including collaborative and alliance contracts
- Magnifying tendering processes and evaluation techniques towards implementing the best contract strategy
- Exploring front end contract drafting and administrations for an effective contract strategy
- Examining the outline of planning, scheduling and monitoring requirements of your contracts
- Assessing the threats and opportunities of your contract for a systematic contractual execution
- Scrutinising challenges in transitioning between the soft and hard dollar contracts

Strategising negotiations tailored to your project challenges for a successful negotiation

- Establishing realistic perspectives of all stakeholders in preparing for a fair negotiation
- Objection handling : Turning conflict around to be in your favour
- Incorporating the elements of human factors: Employing mystery and flattery to influence the behaviour of the other party
- Comprehending your Best Alternative To a Negotiated Agreement (BATNA) to navigate through critical negotiation problems
- Analysing strategies on how to deal with last minute changes to a deal from negotiation proceedings
- Formulating your strategy with tricks and ploys to achieve a successful deal during negotiation breakdowns

Achieving a fruitful dispute proceeding outcome from complex dispute grounds

- Evaluating common causes of construction disputes and ways to prevent and minimise them
- Exploring techniques to mediation, adjudication and arbitration to best sort out altercations that arise
- Developing solid dispute resolution techniques to overcome project challenges
- Developing an appropriate contractual dispute resolution process
- Highlighting cost control risk benefits and challenges surrounding the mediation processes
- Assessing the choice of mediation for the best option in coming to a genuine resolution

Arriving at your last resort: Exploring the option of arbitration and litigation to achieve a result in your favour

- Determining the various dispute resolution options to arrive at the best commercial outcome
- Hot tubbing, cross-examination and documentary record: Dealing with evidence in construction arbitrations proceedings
- Formulating each party's role in an arbitration process for a smooth successful proceeding
- Streamlining the speed and value realities of adjudication as opposed to litigation as an effective dispute resolution method
- Evaluating the bottom line of costs versus benefits of an arbitration
- Litigation as your last resort: Strategising the litigation process for an amicable business solution

Analysing the eventual arrival of contract termination

- Assessing routes to an amicable contract termination towards fostering a lasting business relationship
- Reviewing the causes of contract termination to methodically avoid souring business relations
- Providing the framework of default, suspension and termination while familiarising through its intricacies
- Evaluating the importance of service termination considerations within the contract strategy

Victor Leginsky, B.Ed., L.L.B., Arbitrator

Dubai International Arbitration Centre

Victor Leginsky has been involved in arbitrations for over 20 years and serves as an Arbitrator with the Dubai International Arbitration Centre, DIAC. Victor has been a Chair or a member of two dozen arbitration panels, and has appeared as counsel in more than a dozen more. He served as the in-house counsel at the Canada Labour Relations Board (now the Canada Industrial Relations Board). In that position, he assisted the Chair and Vice-Chairs make decisions that affected airlines, railways and major trucking companies, among others. Victor served as Chair of the Manufactured Home Park Dispute Resolution Committee by appointment of the Attorney General of British Columbia between 1998 and 2002. This project was established to resolve disputes in manufactured home parks using mediation and arbitration skills.

1630 Closing remarks from the Chairperson and end of conference

marcus evans would like to thank everyone who has helped with the research and organisation of this event, particularly the speakers and their staff for their support and commitment.

Why you cannot miss this event

As a consequence of the economic volatility, the Middle East construction industry has come to a rapid slowdown which has propelled the trend of adopting risk management strategies within the industry. The process of taking a project from initial investment to completion is complex and customised, thus needs the co-ordination of different moving parts and players. Construction risk management is usually performed in the beginning and often neglected as a continuing responsibility throughout the project's lifecycle. Moreover, the diverse interests of project stakeholders exacerbate the changeability and complexity of risks which resonates with different players at various project life cycle phases.

As the market upturns, companies lacking a proper risk management in place would find themselves unable to compete in the market. Local contractors need to be equipped with advanced corporate policies towards gaining a competitive advantage against international competitors at the bidding stage to make the most of new business opportunities. Managing risk is a critical element of a project thus continual improvement and investment in this subject is inevitable.

Participants at this **two-day conference** will be exposed to the intricacies of risk management framework execution tailored for the construction industry in terms of level, type, and visibility of risk management that commensurate project value. They would gain insights to key challenges such as in mitigating risk challenges that arises from the developmental project stage to the execution stages by applying cost effective solutions in performing within cost and schedule restrictions. Featuring a **half-day workshop** on contractual risk management, participants would also be at the forefront of mastering the key fundamentals on construction claims and arbitration techniques. Lead by an array of key industry experts, this conference seeks to boost your organisation's construction growth opportunities in the industry.

Who should attend

CEOs, CFOs, VPs, Directors, General Managers, Division Heads, Senior Managers, Managers and Specialists within:

- Risk management
- Project management
- Design
- Operation
- Engineering
- Surveyors
- Corporate planning
- Construction
- Developers
- Contracts
- Procurement
- Business development

Industries:

- Construction & engineering
- Chemical and petrochemical
- Government agencies and bodies
- Heavy industries
- Water
- Oil and gas
- Real estate and property
- Developer
- Power

About the Online Partners

The Gulf represents Al Hilal's development into mainstream business publishing as the company expands its portfolio of titles into business news and analysis with this weekly intelligence resource. Published by the international arm of Al Hilal Group, the Gulf combines a paid-for subscription base with a controlled and guaranteed circulation to the region's decision makers. The Gulf is a premium weekly business title – covering breaking news and providing in-depth analysis on the events shaping the region at a time when Gulf countries are playing an increasingly important role in the global economy. From equities to utilities, politics to pipelines, our team across the region interview major decision-makers and identify important business trends. Weekly special reports make sense of a particular sector or country, and a monthly risk analysis round-up provides a guide to the latest political and economic events which could impact your firm. From Saudi oil output to Dubai's real estate market – we put the latest developments in their proper context, canvassing the views of regional experts. With reporters on the ground in a number of countries, The Gulf is at the heart of the latest events in this critical region.

Gulf Industry has now established itself as a "must-read" publication for anyone with an involvement in the region's industrial sector whether as manufacturers, distributors or related service organisations. The publication represents a "window" into the Gulf's manufacturing trading and export sectors providing news, views analysis and information across virtually every industry related sector. Each edition of Gulf Industry, which after 15 years is still the only comprehensive industry journal in the area, focuses on issues that are of vital interest to industrialists, factory managers and major exporters and importers of industrial products in the region and throughout the world. The online edition, which is integrated into TradeArabia, the Middle East's leading business information portal, provides worldwide access to the most authoritative industry related information for the Gulf region.

About the Official Online Partner

Zawya is an online business information and community platform focused on the Middle East. Headquartered in Dubai, Zawya has a global user base of over 350,000+ high-end business professionals. Zawya covers detailed information on the top 12,000+ companies in the Middle East with comprehensive live news coverage through the exclusive Zawya Dow Jones newswire service. Furthermore, the service provides industry news, macroeconomic reports, country statistics, stock market data as well as specialized databases such as IPO, Sukuk, Mutual Funds, Projects and Private Equity monitors. In addition to subscription services, Zawya offers advertisers the ability to target the most affluent online audience with an interest in the MENA region. Zawya's online service caters to and attracts only serious professional users and decision makers as it has the only fee paying user base in the region. Visit us today at www.zawya.com

About the Gold Sponsors



Construction Computer Software or CCS provides essential software solutions to the construction industry and has been doing so for over 30 years. CCS' two leading software products are BuildSmart, an ERP construction accounting and costing system and Candy, a construction estimating and project control system. CCS is used in over 50 countries by more than 700 contracting, mining and consulting companies to minimise risk, increase accuracy and maximise profit. Users include small and medium construction enterprises to some of the largest construction firms in the world, who have implemented CCS solutions on some of the biggest and most prestigious projects on the planet. Over 10000 CCS systems are in use worldwide, every day.



The construction industry has been severely impacted by the economy leading to its contraction in size by £5bn. Disputes have therefore increased and so to the need for reliable and responsive advisors to help businesses through litigation and arbitration.

Navigant is recognised for providing independent professional opinion, developing robust delay and quantum analysis and presenting clear, concise and objective opinions relied on by courts and tribunals.

Our clients increasingly look for identification of risks within the construction process. Navigant utilises its experience to provide risk management, project management, planning/programming and quantum advisory services to parties at an early stage in the project lifecycle.

About the Associate Sponsor



Aspirtek is the developer of the OMNI Construction ERP Software. OMNI addresses all the project management, financial and operational requirements of executing construction and infrastructure projects. By providing complete and instant access to the progress of a project, OMNI allows all stakeholders to control project risk and take corrective action when needed. Architected from the bottom-up for the Construction Industry, OMNI has been successfully implemented in India and in the GCC region.

About the Official Business Magazines

Celebrating 10 years of publication, **Gulf Business** has remained the region's premier English-language business magazine. Gulf Business's country reports, landmark features and incisive analysis of business news reflects the local market like no magazine has done before. The definitive Middle East publication for meetings, incentive travel, conferences, exhibitions and events.

Middle East MICE & Events provides authoritative, informative and educational content for MICE bookers and event planners, hospitality industry professionals, venue managers, travel agents, airlines and government tourism departments. Catering for everyone from the secretary booking board meetings to leading multinational corporate executives, Middle East MICE & Events covers both in-bound and out-bound MICE business, with regular features including destination reports, what's new, people on the move and advice such as getting the basics right, site inspections and planners check-list. For more information, please visit: www.memicee.com

About the Official Online News Partner

Trade Arabia is a Bahrain-based online business news and information portal covering various trade and industry sectors in the Gulf Region, Middle East and the Levant.

Founded in 1999, it has been online for more than 9 years delivering business information and trade news updates to millions of online readers worldwide. Trade Arabia's content is also being syndicated by various news organizations in the Middle East, Europe, Asia and the United States. With a Google Page Rank of 7/10, the portal is organized into news channels, market trends, business directory and calendar of events, which is being accessed by millions of visitors per month.

The winner of Bahrain 2009 eContent Award (eMedia Category), the portal is being visited by more than 3.2 million visitors per month and its pages / sections / news / business directory are generating more than 15 million page views per month based on the site's December 2009 statistics generated by WebTrends web server measurement and analysis.