



Khalil Tayab Hasan - Curriculum Vitae

Date of Birth: 23 February 1960
Email Address: khalilhasan@cspk.org; khalilhasan@hotmail.com
Web: www.cspk.org
Linkedin: <http://pk.linkedin.com/pub/khalil-hasan/1/126/a41>
Telephone Nos: +92 345 85 00 195 / +971 50 886 1709
+249123464001 (On an assignment on a dam project in Sudan for 3 months)
Languages: English, German, Urdu
Marital Status: Married – 4 Children

SUMMARY OF RESUME

Khalil Tayab Hasan, a Civil Engineering graduate from Texas Tech University, USA, is the founding member of Construction Solutions (www.cspk.org) and has more than 28 years experience in the civil construction industry. Mr. Hasan has expertise in Contracts' Enforcement, construction claims management and administration (especially Extension of Time and related cost claims), dispute resolution, cost estimating, contract management and administration, and project/construction management including scheduling. Such expertise was developed while employed on domestic and international assignments (Germany, China, USA, Italy, Syria, Dubai, Abu Dhabi, Pakistan, Sudan, Panama, Afghanistan, South Africa etc.) with major contracting and consulting firms in addition to several years working as a free-lance consultant (Ed. Zublin AG., Lahmeyer International, Impregilo, Lagan, Salini, Dar Al-Handasah, Sino-Hydro, Descon and Nespak etc.).

Mr. Hasan has been involved in all types of construction projects including: Buildings, Hydropower projects, Dams, Thermal Power Plants, Airports, Hotels, Roads, Highways and Tunnels. Projects have ranged in capital value up to \$5 billion. Mr. Hasan offers unique perspectives based on a combination of his contracting and consulting skills, technical expertise and "mud-on-the-boots" practical experience.

Mr. Hasan has successfully delivered lectures in seminars and conferences organized by FIDIC, Society of Construction Law and Dubai Municipality etc. The topics have been project management, construction claims, extension of time claims etc.

Mr. Hasan was conferred an "Engineering Excellence" award by Texas Tech University, USA in April 2013 based on 28 years of professional accomplishments [<http://www.depts.ttu.edu/cweb/alumni/academy/2013.php#Hasan>].



Khalil Tayab Hasan - Curriculum Vitae

ACADEMIC QUALIFICATIONS

December 1984 **Texas Tech University**, Lubbock, Texas, USA
Bachelor of Science in Civil Engineering

PROFESSIONAL EXPERIENCE

July '07 - Present **Freelance Consultant for Construction Contracts, Claims and Project Management Services for Messrs. Construction Solutions (Managing Partner)**

Clients:

- (1) FIDIC Organization – Invited by Fidic to deliver a lecture at the FIDIC Middle East Contract Users' Conference in Dubai in February 2013 (Topic Extension of Time and Related Costs). Lecture can be downloaded from Fidic Website:

<http://fidic.org/node/333>

- (2) Dubai Municipality – Lectures on Construction Delay Claims, Project Management and Effective Contracts Administration:

<http://www.zawya.com/story.cfm/sidZAWYA20080728095015>

<http://www.ameinfo.com/164872.html>

http://login.dm.gov.ae/wps/portal/switch_en?TARGET=en&WCM_GLOBAL_CONTEXT=/wps/wcm/connect/dmegov/dm+internet+en/your+business-en/buildings-en/seminarsandworkshops

[Seminar on 23rd July 2008]

- (3) Lahmeyer International of Germany – Upper Atbara Dam Complex, Sudan – Contract Value US\$ 1 billion
Contracts Administration and Claims Management in the role of the project 'Engineer'
- (4) Arabtec (Dubai Based) Pakistan –
Karachi Financial Towers, Pakistan – 36-Storeys Twin Towers – Contract Value US\$ 200 million
Contracts and Claims Management Services including Extension of Time Claims, preparation of pleading for disputes in the High Court and Arbitration.

Khalil Tayab Hasan - Curriculum Vitae

- (5) Dar-Al-Handasah – Dubai International Airport Expansion Project (Phase II) – Several Contracts valued at US\$ 4.6 billion Contract Administration and Delay (EOT) Claims Administration on behalf of the Project 'Engineer'
- (6) Descon Engineering - Rainee Canal Project, Pakistan:
Contract Value – US\$ 200 million
Contracts & Claims Management Services

Taunsa Barrage Rehabilitation Works, Pakistan:
Contract Value – US\$ 250 million
Dispute Review Board (DAB) Services

Uch Power Plant, Pakistan:
Contract Value – US\$ 100 million
Contract Review Services
- (7) CWE JV (Chinese-Pakistani) - Mangla Dam Raising Project, Pakistan: Contract Value – US\$ 500 million
Preparation, defense and negotiations for Extension of Time Claims
- (8) LAGAN Construction (Ireland) – New Islamabad Airport:
 - a. Package-1 – Airside Infrastructure Works.
 - b. Package-8A - Landside Infrastructure Works.Contracts Value – US\$ 300 million
Commercial Management Services including preparation of Extension of Time Claims, Requests for Engineer's Decisions on matters under dispute, preparation of position papers for Dispute Review Boards (DRBs) & drafting day to day correspondence etc
- (9) Salini (of Italy) Dubai – Contract R80016: Ras Al Khor Crossing Improvement of Interchange No. 1 on Sheikh Zayed Road, Dubai: Contract Value – US\$ 200 million
Services related to the Preparation, defense and negotiations in respect of Extension of Time Claims.
- (10) Society of Construction Law (SCL) of UK (Gulf Region):
Lecture on Construction Delay Claims / Functions required in the position of an Organizing Committee Member of the SCL (Gulf).
- (11) GRUPO UNIDOS POR EL CANAL (JV with Lead Contractor Impregilo of Italy)

Khalil Tayab Hasan - Curriculum Vitae

Contract No. CMC-221427 – The Panama Canal - Design and Construction of the Third Set of Locks:

Contract Value - US\$ 3.6 Billion

Review and advice in respect of Extension of Time Claims, submittals of Programme Updates. Provide advice and proposals for ensuring that Programme Updates take into account notified claims for extension of time and are suitable for use in subsequent quantification of such claims.

- (12) CMI JV (JV of Impregilo and CMC Contractors from Italy) – Ingula Pumped Storage Scheme (Dam Project) in South Africa: Contract Value – US\$ 1.2 Billion
Services related to the Preparation of Extension of Time Claims under NEC3 form of Contract.
- (13) Arabtec Syria – Yasmeen Rotana 5 Star Hotel Damascus:
Contract Value – US\$ 75 Million
Contracts and Claims Management Services.
- (14) Machalgho Irrigation Project, Afghanistan
Contract Value – US\$ 30 Million
Services related to Extension of Time & Related Cost Claims

See attachment for more details.

Nov '05 – June '07

Contracts & Claims Manager

Dubai International Airport Expansion Project (Phase II)

Dar-Al-Handasah Consultants

Several Contracts valued at US\$ 4.6 billion

Responsible for the Assessment, Evaluation, Recommendation, Determination and Decisions related to Extension of Time Claims for 50-odd Contracts within the scope of the Dubai Airport Expansion Project (Phase II). The claims valued at approximately US\$ 800 to 900 million. Responsibility included consultations with the Employer and the Contractors. Also involved in routine Contracts Administration matters.

See attachment for more details.

Dec '97 – Nov '05

Manager Dispute Resolution Section

Ghazi-Barotha Hydropower Project, Pakistan

December 1997, transferred by Ed. Züblin AG to Ghazi-Barotha Hydropower Project in Pakistan

Khalil Tayab Hasan - Curriculum Vitae

Civil Contracts C01 - Barrage & C02 - Power Channel
Two Contracts value: US\$ 600 million.

Main duties:

Contractual management and claims administration for the two Civil Contracts in accordance with the FIDIC contract conditions. Contractual correspondence. Variation orders. Development of claims strategies. Preparation of claims and document production for submissions to the Engineer. Hands on experience in research, writing and valuation of claims. Consultation meetings with the Engineer's Representative. Requests for Engineer's Decisions. Position papers and presentations at hearings for a Dispute Review Board. Pleadings, witness statements and presentations for ICC and ICSID arbitrations. Coordination and working with specialist construction lawyers, adjudicators and arbitrators.

Amicable settlement negotiations with the Employer and the Government of Pakistan (represented by the Attorney General of Pakistan and Chairman Wapda).

Management of the team of Engineers and Quantity Surveyors as part of the Project Manager's staff.

See attachment for more details.

May '03 – Nov '05

**Principal Officer - Country Manager
Pakistan Branch Office**

Ed. Züblin AG, Stuttgart, Germany

Nominated Principal Officer for Ed. Züblin AG, responsible for its Pakistan Branch Office including business development for Züblin in the region

Aug '94 – Dec '97

Head of the Planning Section

Xiaolangdi Multipurpose Dam Project, Henan, China

In August 1994 transferred by Ed. Züblin AG. to the Xiaolangdi Multipurpose Dam in the Henan province of China
Civil Contract Lot 2 – Intake, Tunnels and Spillway
Contract value: US\$ 500 Million.

Main duties:

Responsible for resource/cost loaded contractual scheduling (Critical Path Method), detailed resourced working schedules for parts of the project, preparation of detailed working methods, provision of detailed long-term and short-term construction materials forecast, preparation of as-built schedules, preparation of detailed extension of time claims using CPM delay/impact analysis, analysis and evaluation of subcontractor claims, monitoring the

Khalil Tayab Hasan - Curriculum Vitae

progress of the project and preparation of cashflows.

See attachment for more details.

Jan '94 - Jul '94

Site Engineer

Al-Mafraq Rehabilitation Center, Abu Dhabi, United Arab Emirates.
Contract Value – US\$ 10 Million

In January 1994 transferred by Ed. Züblin AG. to Abu Dhabi
Worked as a Site engineer for a building project in Abu Dhabi
See attachment for more details.

Jun '92 - Dec '93

Senior Engineer

Tender Estimation Department, Ed. Zublin AG., Duisburg, Germany

Worked for the Tender Estimation Department in Duisburg, Germany. Duties included preparation of Pre-qualification Documents, inquiries for Materials and Plant, coordination with Subcontractors and Joint Venture Partners and the estimation of large civil engineering projects worldwide.
See attachment for more details.

Sep '86 - May '92

Senior Structural Engineer

NESPAK, Lahore, Pakistan

Work experience included construction supervision of a thermal power project, Computer aided Structural design of large power projects, Structural Analysis and Design of major structures, Computer aided drafting (AutoCAD), Project Management of nuclear power project, Monitoring & Control of approximately 1000 projects handled by NESPAK at that time.
Contract Values ranging between US\$ 10 million to 1 Billion

Feb '85 - Aug '86

Geotechnical Engineer

Associated Consulting Engineers (ACE), Lahore, Pakistan

Worked on the Geo-technical design of Kalabagh Dam (a large multipurpose dam project). Contract Value – US\$ 3 Billion

COMPUTER KNOWLEDGE & EXPERIENCE

Extensive working knowledge of Computer software:

Primavera Project Management (P3 & P6); MS Project; AutoCAD; MS Office



Khalil Tayab Hasan - Curriculum Vitae

PROFESSIONAL AFFILIATIONS & AWARDS

- "Engineering Excellence" award conferred by Texas Tech University (TTU) in April 2013. Award included induction into the Texas Tech University Civil and Environmental Engineering Academy (Civil and Environmental Engineering alumni, who have earned distinction and excellence through professional accomplishments, are chosen to receive special recognition).
<http://www.depts.ttu.edu/cweb/alumni/academy/2013.php#Hasan>
- Organizing Committee Member of Society of Construction Law (SCL) of UK (Gulf Region)
- Member Dispute Review Board Foundation (DRBF)

Khalil Tayab Hasan - Curriculum Vitae

Detailed task list as Managing Partner with Construction Solutions

**UAE, Panama, South Africa, Syria, Sudan, Afghanistan and Pakistan
July 2007 to Present**

- Delivered a lecture at the Fidic Users Conference in Dubai, UAE in February 2013. Topic Extension of Time (EOT) and Related Costs in Construction. Can be downloaded from FIDIC website - <http://fidic.org/node/333>
- Conducted a series of Seminars (Workshops) at the Dubai Municipality for all major Contractors, Consultants and Clients in Dubai and UAE. The lecture topics varied from “Construction Delays Claims” to “Construction Project Management & Effective Contracts Administration”.
- Conducted a Seminar on behalf of the Society of Construction Law (SCL) Gulf Region - The lecture topic was “Construction Delays Claims”. The “Construction Delays Claims” Seminar focused on the application of the Delay and Disruption Protocol prepared by the Society of Construction Law.
- Karachi Financial Towers – Contract value US\$ 200 million: Services to Arabtec Pakistan (UAE based Contractor) in respect of day-to-day contracts administration, delay claims and associated costs forensic research and preparation. Preparation of pleadings for disputes at the High Court and for Arbitration.
- Continuation of services to Dar Al-Handasah (Consultant) for Delay Claims review, assessment, determination and decisions related to several contracts (in excess of 50) valued at US\$ 4.6 billion for the Dubai International Expansion Project, Dubai, UAE. Responsibility included consultations and negotiations with the Employer (Dubai Civil Aviation - the client) and the Contractors, such as, Cleveland Bridge, Siemens, Murray Roberts, Thyssen, Al-Naboodah, Fujitec etc. Also involved in routine Contracts Administration matters related to these contracts.
- New Islamabad Airport – Package-1 (Airside Infrastructure Works) & Package 8A (Landside Infrastructure Works) – Contract Value US\$ 300 million – Client Irish Contractor Lagan Construction: Day-to-day Contract Management and Extension of Time Claims Preparation Services. Requests for Engineer’s Decision and DRB Requests. Prequalification, tendering, selection and Management of Major Subcontractors.
- Contract R80016: Ras A1 Khor Crossing Improvement of Interchange No. 1 on Sheikh Zayed Road – Contract Value US\$ 200 million – Client Italian Contractor Salini Dubai: Preparation, defence and negotiations for Extension of Time Claims including detailed substantiation of delay events and delay analysis methodology issues.
- Raine Canal Project in Sind, Pakistan – Contract value US\$ 200 million: Services to Descon (Largest Contractor from Pakistan) in respect of day-to-day contracts administration, delay claims and associated costs forensic research and preparation.

Khalil Tayab Hasan - Curriculum Vitae

- Taunsa Barrage Rehabilitation Works, Punjab, Pakistan – Contract Value US\$ 250 million: Services to Descon (Largest Contractor from Pakistan) in respect of preparation and presentation of position papers, rebuttals and other substantiation for several cost claims for adjudication in front of a Dispute Review Board (DAB). Value of costs claims was in excess of US\$ 50 million.
- Uch Power Plant, Balochistan, Pakistan – Contract Value US\$ 100 million: Services to Descon (Largest Contractor from Pakistan) in respect of Pre-Contract award Contract Review Services.
- Mangla Dam Raising Project in Punjab, Pakistan – Contract value US\$ 500 million: Preparation, defence and negotiations for Extension of Time Claims including detailed substantiation of delay events and delay analysis methodology issues.
- Panama Canal Expansion, Panama - Contract value US\$ 3.6 Billion: Liaise with GUPC (the contractor JV led by Impregilo of Italy) Project Controls Department during the preparation of Programme Updates and Monthly Progress Reports. Provide advice and proposals for ensuring that Programme Updates take into account notified claims for extension of time and are suitable for use in subsequent quantification of such claims. Provide as necessary or advise on GUPC preparation of “fragnets” for delays and their respective impacts on the Milestones and/or the Time for Completion of the Works. This is for the purposes of compliance with the procedural requirements of the Contract.
- Ingula Dam Project (Pumped Storage Scheme), South Africa – Contract value US\$ 1.2 Billion: Prepare and defend Extension of Time and related cost claims under the NEC3 form of Contract. Provide review services for Programme Updates and related correspondence.
- Yasmeen Rotana 5 Star Hotel, Damascus, Syria – Contract value US\$ 75 million: Services to Arabtec Syria (UAE based Contractor) in respect of day-to-day contracts administration, delay (EOT) claims and associated costs forensic research and preparation. Requests for Engineer’s Decision and Statement of Claim for Arbitration.
- Upper Atbara Dam Complex, Sudan – Contract Value US\$ 1 Billion: Services to Lahmeyer International of Germany in respect of day-to-day Contracts Administration and Claims Management.
- Machalgho Irrigation Project, Afghanistan - Contract Value – US\$ 30 Million: Services related to Extension of Time & Related Cost Claims

Detailed task list as Contracts & Claims Manager with Dar Al-Handasah Consultants

Dubai International Airport Expansion Project (Phase II), Dubai, UAE November 2005 to June 2007

- Primary responsibility included Delay Claims review, assessment, determination and decisions related to several contracts (in excess of 50) valued at US\$ 4.6 billion.
- Some of the claims were valued at approximately US\$ 800 to 900 million.

Khalil Tayab Hasan - Curriculum Vitae

- Responsibility included consultations and negotiations with the Employer (Dubai Civil Aviation - the client) and the Contractors, such as, Siemens, Murray Roberts, Thyssen etc.
- Also involved in routine Contracts Administration matters related to these contracts.
- Management of team of claim specialists and Engineers.
- Extensive working knowledge of EOT methodologies such as Time-Impact Analysis, Collapsed As-built technique, impacted baseline techniques including proper identification of issues which are concurrent or parallel delays so as to mathematically evaluate entitlement to EOT and compensable periods.
- Responsible for day-to-day contractual correspondence.

Detailed task list as DRB Manager Ghazi-Barotha Hydropower Project, Pakistan December 1997 to November 2005

- In the Capacity of the Country Manager for one of Germany's Largest Construction Companies Ed. Zueblin AG. (www.zueblin.de) several tasks of administrative / managerial nature including business development
- Management of team of claim specialists and Engineers
- Involved in the preparation and presentation of position papers for disputes settlement process under the Dispute Review Board (DRB or ADR) and Arbitrations – Designated as Manager for the Preparation of DRB / Arbitration Section (ICC and ICSID forums)
- Amicable settlement negotiations with the Employer and the Government of Pakistan (represented by the Attorney General and Chairman Wapda).
- Coordination and working with specialist construction lawyers, adjudicators and arbitrators
- Contractual management and claims administration for the two Civil Contracts in accordance with the FIDIC contract conditions.
- Hands on experience in research, writing and valuation of claims
- Development of strategies for Delay & Disruption Claims and pricing of Change Orders (Variations) (Value of Claims/Change Orders more than US\$ 300 million –Already paid US\$ 65 million)
- Identification and substantiation/quantification of delay events and costs for extension of Time claims (Inclusive of forensic research)
- Technical / Contractual Justifications for claim events leading to delay and disruption to the progress of works
- Preparation of Simulated As-Built schedules using contemporaneous site records (shift reports) and detailed substantiation of delay events
- Preparation of Impacted Baseline Schedules (Entitlement Schedules) using the substantiation of delay events
- Extensive working knowledge of EOT methodologies such as Time-Impact Analysis, Collapsed As-built technique, impacted baseline techniques including

Khalil Tayab Hasan - Curriculum Vitae

- proper identification of issues which are concurrent or parallel delays so as to mathematically evaluate entitlement to EOT and compensable periods
- Tracking and reporting the delay in receipt of construction drawings and approval of Contractor's shop drawings by the Architect (Engineer) for time extension and disruption claims
 - Negotiations with the Architect (Engineer)/ Client (Employer) for time extension and disruption claims
 - Responsible for contractual correspondence
 - Analysis and evaluation of subcontractor claims
 - Preparation of Comprehensive Master Schedules (FIDIC Clause 14 Schedules)

Detailed task list as Head of Planning Section Xiaolangdi Multipurpose Dam Project, China August 1994 to December 1997

- Preparation of Comprehensive Master Schedules (FIDIC Clause 14 Schedules)
- Detailed working schedules involving coordination with the works and technical departments
- Weekly concrete distribution and monthly schedules
- Quantities take-off from drawings to facilitate the preparation and resource loading of detailed and Master schedules
- Calculation of excavation overbreak for the complete job to estimate an accurate forecast of theoretical plus overbreak concrete
- A detailed update of quantities already executed and a periodical re-estimate of remaining quantities to facilitate an accurate forecast of excavation, rock support, concrete, rebar, income and the complete BoQ items
- Allocation of the Cost Codes to approximately 6000 BoQ allocations in the schedule to allow for a forecast of BoQ according to Cost Codes. This was a dynamic link-up and had to be updated periodically and coordinated with the Cost Control section
- Preparation of As-Built schedules using contemporaneous site records (shift reports)
- Development of strategies for time extension claims
- Identification and quantification in time of events leading to a delay to the progress of works
- Tracking and reporting the delay in receipt of construction drawings and approval of Contractor's shop drawings by the Engineer for time extension claims
- Preparation of detailed schedules and calculations for the purposes of time extension claims including quantity take-off from tender and construction drawings, coordination with-works departments and acquisition of as-built information from site offices
- Negotiations with the Architect (Engineer)/ Client (Employer) for EOT claims
- Preparation of Comprehensive Overall Entitlement Schedules

Khalil Tayab Hasan - Curriculum Vitae

- Constant coordination with Contract Engineers (Quantity Surveyors) from the Contract Department for the purposes of analyses of delaying events and responses to delay notices from the Engineer
- Assistance in the preparation of detailed working methodologies for tasks such as “Methodologies for Excavation and Concreting of Tunnels” etc.
- Take-off of detailed construction materials (like waterstops etc.) from drawings to provide a long-term and short-term forecast
- Analysis and evaluation of subcontractor claims
- Preparation of Cashflows for internal and contractual use
- Monitoring and control of the progress of works against detailed schedules
- Responsible for the preparation of progress reports

Detailed task list as Site Engineer Abu Dhabi, United Arab Emirates January 1994 to July 1994

- Responsible for planning, execution and control of a section of a US\$ 10 million buildings construction project
- Detailed evaluation of working parameters for Site Supervision such as establishment of effective manpower requirements for various site activities

Senior Engineer in Tender Estimation Department Duisburg, Germany June 1992 to December 1993

- Preparation of Pre-qualification documents
- Inquiries for Materials and Plant, coordination with Subcontractors and Joint Venture Partners and the estimation of large civil engineering projects
- Development and implementation of a tender estimation software