

DR. ENG. MURAD KALALDEH

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URBAN PLANNER & ARCHITECT

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Accomplished engineer and project manager who has headed up several projects for large international clients. A skilled presenter and keynote speaker on housing and urban development. Distinguished lecturer and author of several books. Will benefit any organization with extensive knowledge of design, construction, project management, and urban planning. *Areas of Expertise include:*

- ✓ Regional & Urban Planning
- ✓ Teaching & Training
- ✓ Transport & Road Planning
- ✓ Residential Design
- ✓ Planning Guidelines
- ✓ Building Regulations & Codes
- ✓ Microsoft Office Suite, AutoCAD
- ✓ Municipal Affairs
- ✓ Construction Supervision, FIDIC

EXPERIENCE & NOTABLE CONTRIBUTIONS

VNG International • Netherlands • October December 2016

Local Governance Resilience Programme for the Middle East and North Africa (LOGOReP)

LOCAL EXPERT

Providing assistance in the development of a part of the training materials for the pilot course on Decentralization and Citizen Participation, this consists of two tasks:

First: Decentralization in Jordan (History, regional planning versus agglomeration, Legislations).

Second: Participatory Decision Making (Decentralization law, Local Governance versus local Administration, formation and duties for Governorates Councils & Executive Councils, role of Municipalities).

Dar Al Omran & HoK • Amman, Jordan • November 2016 – pending

Irbid Development Area (IDA)

PROJECT MANAGER

Serve as project manager for the preparation of the Master Plan of IDA located 65 Km north of the Capital on an area of 3'124'000 square meters. The project is envisioned to foster the growth of a University Town by focusing upon core industrial sectors, Healthcare, IT, Education and Research & professional services. Work include the design of all needed infrastructure, roads and planning regulations.

PARSONS, SAPL • Riyadh, Saudi Arabia • March 2015 – March 2016

Ministry of Housing

URBAN PLANNING EXPERT

Serve as principal urban planner. Review designs submitted by Parsons and other international consultants and assist other urban planners. Assess regulations and guidelines for Ministry of Housing. Train MOH staff in tender document preparation, building codes, and FIDIC.

DAR AL-OMRAN INFRASTRUTURE & ENVIRONMENT (DAOIE) • Amman, Jordan • 2014-2015

Government Contract with Kirkuk Governate

PROJECT MANAGER

Supervised aerial photos and guided survey team in conducting socio-economic studies. Supervised collection of data on roads and infrastructure on GIS maps and supervised map preparation. Presented project to update master plan for Kirkuk City, Iraq to stakeholders in Irbil.

DAR AL-OMRAN INFRASTRUTURE & ENVIRONMENT (DAOIE) • Amman, Jordan • 2014-2015

Consulting Contract for Preparation of Feasibility Study, Investment Program & Detailed Design for Tafileh (Afra & As Sala')

PROJECT MANAGER – WORLD BANK

Supervised and participated in preparation of investment package for tourist and therapeutic resort in Afra, including financial and management models. Developed three-year site improvement plan, including linking site and surrounding trails and tourism attractions. Built management system and designed visitor's center extension. Worked with community to plan income-generating projects. Generated reports and presented project to key stakeholders at Ministry of Tourism & Antiquities.

SUNNA ALAQAR CONSULTING OFFICE (SACO) • Amman, Jordan • 2006-2015

Multiple Projects for Several Clients as Owner of SACO and Executive Manager of Dar Engineering Consultants

DESIGNER, PROJECT MANAGER & ARCHITECT

Own and run Sunna Alaqar Consulting Office (SACO), a consulting office registered at the Engineering Association under No. 938 in Amman. SACO accomplished many Design & Supervision works as main and sub-consultant. Work included Business Development, Accounting, Human Resources and organization of Files for Income- and Sales Tax. Worked as executive Manager of Dar Engineering Consultants in Riyadh/ Saudi Arabia. Designed and supervised building of 32 private villas and 10 commercial buildings. Lately SACO delivered an inspection report of the completed finishing of the Research Atomic Reactor at JUST in Irbid.

UNDP • Riyadh, KSA • 2013-2014

Ministry of Municipal and Rural Affairs (MOMRA)

INTERNATIONAL EXPERT

Reviewed, updated, and activated National Spatial Strategy (NSS) recommendations for urban planning – Phase IV for Kingdom of Saudi Arabia. Updated numbers, figures, and information and assessed compatibility with national development plans.

EXPERIENCE & NOTABLE CONTRIBUTIONS (CONTINUED)

SACO & DAOIE • Amman, Jordan • 2009-2012

Expansion and Rehabilitation of Madaba Institute for Mosaic Art and Restoration (MIMAR)

PROJECT MANAGER, SITE ENGINEER & DESIGNER

Prepared designs for expansion and rehabilitation of MIMAR and served as project manager for design and execution phases. Planned site layout and designed building extensions and new 900m² building. Prepared stage and final reports. Presented to USAID and MIMAR higher committees at Ministry of Tourism & Antiquities. Readied tender documents including drawings and BOQ. Negotiated vendor contracts.

KEY ACCOMPLISHMENTS:

- Slashed tender price by 10 percent through price and fee negotiation.

SACO & CONSOLIDATED CONSULTANTS (CC) • Amman, Jordan • 2009-2010

Hajj Oasis Project for Ma'an Development Company

ARCHITECT & URBAN PLANNER

Planned site layout and designed accommodation facilities for Hajj Oasis offering temporary accommodations and services for pilgrims in-route to and from Mecca on Desert Highway. Coordinated services, prepared reports, and presented to Development Zones Authority. Made detailed Master Plan of Ma'an Residential Compound as sub-consultant for Consolidated Consultants (CC): Area of 100 hectare, opposite to King Hussain University in Ma'an.

KEY ACCOMPLISHMENTS:

- Prepared architectural guidelines

MEGA PROJECT DESIGN HIGHLIGHTS

- Prepared engineering drawings & tender documents for rehabilitation and extension of the Passenger Terminal in Aqaba/ Jordan and Container Terminal. Site area: 10 hectare, Built-up area: 15,000 m², 2005.
- Completed urban design of 250 hectare Ma'an Industrial Estate in south province of Jordan, 1997.
- Selected location and completed urban design of 45-hectare Ma'an Residential Gated Compound for employees of Jordan Phosphate Mines Company, 1996.

MANAGEMENT EXPERIENCE

- Formulated short and medium-term strategic plan for SIGMA Consulting Engineers, defining company's core values, vision and mission, strategic objectives, and action plan. Served as Head of Committee, 2006.
- Served as Design Department Manger at SIGMA Consulting Engineers, 2004-2007.

EDUCATIONAL EXPERIENCE

- Conducted 10-Hour Training Course for Saudi Ministry of Housing on Preparation of Tender Documents (Drawings, Specifications & Bills of Quantities) as per FIDIC, June 2015.
- Served as Assistant Professor & Lecturer at various universities. Courses include:
 - Basics of Planning at Balqa Applied University (BAU) in Jordan.
 - Special Topics in Planning Industrial Parks, Scientific Research, and Planning in English Language at BAU, 2003.
 - Architectural Design, Sanitary Systems, and Environmental Control at Al Al-Bayt University, 2003
 - Urban Economics and Urban Planning at Jordan University for Science and Technology (JUST).
 - Urban Planning at Jordan University.

EDUCATION & AFFILIATIONS

Doctorate of Technology in Architecture and Planning

GRAZ TECHNICAL UNIVERSITY | Austria

Dissertation: Impact of Industrial Parks on Urban and Regional Development, a Case Study of Jordan

Bachelor of Science in Architecture

BAUHAUS UNIVERSITY | Weimar, Germany

Consultant in Urban Planning

Highest Degree in this field given by the Jordan Engineers Association on 8 January 2017

PUBLICATIONS

1. Building, Reinforcement, Formwork, Ministry Of Education- Technical Education/ 10th Class, 1995, 329 p. (Co-author).
2. Plastering, Paving and Painting, Ministry Of Education- Technical Education/ 10th Class, 1995, 316 p. (Co-author).
3. Author of The Builder-Owner Manual "The Simplified Citizen's Manuals for Building" which were published in 2003 and consists of (8) volumes, five of them were written by Dr. Murad Kalalkeh as Author with partial contribution of co-authors, These Books are:
 - Volume (4): Site Selection and Engineering Drawings.
 - Volume (5): Site Activities and Excavations
 - Volume (6): Building Skeleton.
 - Volume (7): Insulation Works and Finishes.
 - Volume (8): External Works.

4. Unified Arab Code: Building Requirements for People with Special Needs, 2003, P 156 (Co-author).
5. Unified Arab Code: Space Requirements in Buildings, 2004(Co-author).
6. **Impact of Industrial Parks on Urban and Regional Development**, A Case Study Of Jordan, 2004: Jordan Industrial Estates Corporation, Amman, 324 p. Author.
7. Articles Published In Magazines: Published By The Jordan Engineers Association (JEA): Eight Articles in Almuhandes Alurdini 'Jordanian Engineer' and Nine Articles in Alnashra Almimaria 'Architectural Periodical'.
8. Prepared Architectural Design Guidelines for the Hajj Oasis for Ma'an Development Company (100 pages) in English and made the translation to Arabic.
9. Development of an (on-screen) Expert Decision Matrix for Location Analysis of Investment Parks.

Published more than 100 articles in engineering magazines and news websites. Publication list available upon request.

LANGUAGES

Arabic (native), English (fluent), German (fluent)

MEMBERSHIP

- Jordanian Engineers Association, as Consultant;
- Saudi Council of Engineers.
- Alumni of German Universities.
- Board member of the Jordanian Planning Forum