

Curriculum Vitae

1- Personal Information

Name **SEEMA AHMED EBRAHIM AL- LENGAWI**

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Date of Birth 29/7/1962

Nationality Bahraini

Marital Status Married.



2- Profile:

A well disciplined, qualified professional Engineering Manager, strong interpersonal and Communication skill. Have Management experience coupled with systematic and analytical approach to business. Functional capacity combines the roles of Senior Engineer, Business Development planner and Team Leader

Experienced in a broad spectrum of Surveying and Land Infrastructure gained through numerous projects carried out within the Survey Directorate since 1984, ranging from Data Compilation and Digital Mapping, Strategic Planning & Marketing, Information Infrastructure for Government and Private Business and Industries, to the core business of Land, Survey and Mapping services together with design and development of infrastructure and information systems.

Project Manager by Profession; Survey Engineering, Geographic Information System (GIS), Information Technology and Databases, Land Surveying, Mapping Sciences and Photogrammetry. Skilled at Real Estate Evaluation & Management, Spatial database systems creation, design, development and Analysis. Trained and experienced in liaising with clients, analyzing user requirements, identifying problems, data modeling, designing solutions, Information technology contracts and data protection and Security. Recent focus has been on Geospatial databases for Mapping and GIS applications (Utilities, Business, Industrial, Environmental, etc).

Member in a number of professional societies. Appointed by the Court of Justice as an Engineering Expert in the field of Surveying, Real State and Property dispute, Quantity Survey and contracts.

3- Major Qualifications

2003- 2007 Currently, carrying out PhD research (Part Time) on "Geographic Information System Management on the Web" at the Civil Engineering & Science College, University of Newcastle, UK. (Expected to finish December 2007).

1997- 1998 Executive Management Diploma with Distinction, Bahrain University, Bahrain.

1997- 1998 Oracle Certificate Diploma; In Designing Oracle Database, Microcenter Institute, Bahrain.

1994- 1995 MSc in Geographic and Geodetic Information Systems (GIS), University College London (UCL), U.K

1987-1988 Post Graduate Diploma in Automated Cartography (Mapping), International Institute for Aerospace Survey and Earth Science

ITC, Netherlands

1990 **Middle Management Diploma in Survey and Mapping**, East London University, U.K.

1980- 1984 **B.Sc. in Survey Engineering**, Engineering College, Baghdad University, Iraq

Professional Training and Development

Attended a number of courses, workshops and conferences related to my field of practice and Management, These included Project Management, Strategic planning, Information System & Technology, Real Estate Investment, Evolution & Management, Remote Sensing, Training.

Participated in organizing a number of these course and conferences at the Ministry of Housing and the Bahrain Society of Engineers. Also attended many personal development courses. These included Leadership, Time Management, Managing Change, Project Management, E- Marketing, Entrepreneur, and Train the Trainer. Below some of the selected courses:

Oct 2006	Strategic Planning for Managers , American Funding Business Program, Yemen,
June 2006	E- Marketing for Business , American Funding Business Program, Bahrain
May 2006	UNIDO Entrepreneurship Development Program (Bahrain Development Bank, Bahrain)
June 2005	Project Management; Process and Framework , Project Management Institute, Bahrain
Jan. 2004	IT contracts , Organized by Directorate of Legal Affairs, Ministry of Cabinet Affairs, Bahrain
Feb 2004	Data Security Law & Computer Crime , Legal Affairs, Ministry of Cabinet Affairs, Bahrain
April 2004	Land Evolution and Management , Dubai, UAE
Sept 2004	The 7 Habits of Highly Effective People (Franklin Covey, Bahrain)
Jun 2003	"Strategic Business Planning" by Organization Development Consultants , Bahrain Engineering Society
Sep 2003	The Use of Geographic Information for Boundary Creation, Management and Dispute Resolution , University of Durham, UK
Sept 2002	Leadership through Relationship Awareness (ASPEN training, Bahrain)
Nov 2000	"Information Technology & Internet Law" , Organized by the Directorate of Legal Affairs, Ministry of Cabinet Affairs and Information, Bahrain
Oct 1998	Managing GIS Implementation , by Urban & Regional Information System Association URICA , International GIS Conference in Bahrain.
May 1995	GIS and Management , GIS IGUC Conference, U.S.A
Dec 1994	"Navigator Systems Series Project Management" , ERNST & YOUNG, Bahrain

Employment & Position Held

Survey & Land Registration Bureau, Survey Directorate (SD) 1984 until now:
(SD was under Ministry of Housing until April 2003),

- The Bureau embarked on job enrichment process whereby Managers where rotated to enhance their experience, accordingly in May 2005, I was appointed **Business Project Manager**
 - **Survey Operations Manager**, June 2002 – May 2005
 - **Head of Mapping**, 1989 - June 2002
 - **Cartographer Trainee** in Mapping Section 1988-1989.
 - **Trainee Engineer** in Field Section 1984-1987.
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Responsibilities and Duties

1. Formulate the Business and Marketing strategy for the Survey Directorate and set the goals, objectives and ensure that these are met.
2. Develop Topographic Survey Directorate (TSD) Marketing Strategy, products Distribution, Sales Monitoring Systems, Cost Recovery Policy.
3. Liaise and coordinate with Physical Planning Directorate with regard to Implementation of the Master Plans, city planning, and any other planning issue with regard to Survey and Mapping tasks.
4. Determine Strategic Plan and Annual Objectives for General Digital and Conventional Mapping and Ariel Photography Services for Kingdom of Bahrain.
5. Overall Management and Coordination of the Mapping Services business unit workflow and performance against agreed targets.
6. Coordinating and acting as a focal point to manage existing or potential Business Area in Survey, Mapping and Topographic Infrastructures.
7. Strategic Planning; Controlling staff, Preparing Budget, Prepare Technical Reports
8. Coordinating and acting as a liaison between operating departments and correspondent organizations with the aim of availing the latest correspondent services and to ensure an efficient and cost effective transactional flow
9. Conducting studies on available business Area Services offered. Reviewing and evaluating the cost of our existing products
10. Address all the customer request, queries and needs, with regard to the Surveying and Mapping infrastructure and latest Ariel photography to severe all the infrastructure development projects
11. Personnel Management functions such as selection, supervision of the activities, training, And distributing the Mapping section activities over the 20 employees. And career development, motivation and discipline.
12. Assist the directorate in finding new services / products offered by International mapping Agencies in order to adopt them to maximize the profit.

Experience

- Project Managements Processes and Knowledge Area.
- Business and Marketing Strategic Planning for Survey and Mapping Directorate
- Real Estate Evolution, Maintenance and Management.
- Expert Engineer in the **Court of Justice** since 2003, as an Engineering Expert in the field of Surveying and IT, Real State and Property Dispute, Quantity Survey and Contracts
- Geographic Information Systems project implementation
- Managing IT Related Projects .
- Analyzing User Requirements, Data Modeling and Database Design.
- Mapping, Land, Geodetic Survey, and Geographic Information Systems.
- Photogrammetry, Ariel Photography, GPS and Remote Sensing Applications.
- Highly involved in Hawar project, the International Boundary between Bahrain and Qatar.
- Technical reports, Terms of reference and Information Technology Contracts, Data Protection and Security.
- Managed the Business justification, purchasing, implementation, contractor selection and quality review and assurance for different projects within the Survey Directorate and Mapping Section.
- Provided advice and technical support on new technology with regard to the Mapping applications to various organizations.
- Advise on legislation, contracts, standards and specifications.
- Excellent experience and in depth of understanding of Geomatics
- Organized many Conferences and Workshops at the Bahrain Society of Engineers and was Chairing the technical committee for the GIS conferences of 1989, 2002, 2004. And chairing the Organizing committee of Conference 2007

Participated in projects inside and outside the Ministry of Housing. These included projects related to Strategic & Business Planning, Information Technology, and Participated in developing the GIS and Remote Sensing unit in Bahrain Centre for Study and Research for two years.

Have some teaching experience at the University of Bahrain for two years (four semesters);

- 1- Geographic Information system for Business and Industrial Applications (two semesters at the Business College), 1997-1998
- 2- Ariel Photography and Remote Sensing (two semesters in Social Sciences College 200-2001)

Other Skills

Language Skills	Fluency in Arabic, and Proficiency in English
Computing Skills	<ul style="list-style-type: none">- Platforms: DOS, Windows98, Windows NT, XP and the full MS Office Suite- CAD/ GIS Software: Microstation, , (ESRI) Arc View, Arc GIS, (Intergraph) Geomedia professional , Geomedia web Publisher, (Bentley) Geographic's GIS, Terra Survey, Terra Modeler (Mapping, Leveling & Contouring)- Image Handling Software; Micro station Descartes, Intergraph Image Viewer- GPS: SKI GPS data processing.

Soft Skills Strong leadership and inter-personal skills, effective communication (oral, written, and visual- presentation delivery), Persuasion and Negotiation, and issue mitigation

Membership in Professional Associations

- 2005 Project Management Institute- PMI
 - 2004 Founding Member of Strategic Planning Society, Bahrain
 - 2003 Ministry of Justice- Expert in the court of Justice, as an Engineering Expert in the field of Surveying and IT, Real State and Property Dispute, Quantity Survey and Contracts
 - 1995 Bahrain Information Technology BITS, Bahrain, Chairman for GIS group from 1997- 1999
 - 1993 British Cartographic Association, UK
 - 1991 International Cartographic Association- ICA; Information Systems Group.
 - 1988 American Congress on Surveying & Mapping, USA
 - 1985 Bahrain Society of Engineers BSE, Bahrain.**
 - Member of the Board in 2000-2005 , Director of Members & Profession's Affairs also involvement in BSE included:
 - Member of the " Engineering Cadre Committee" 2004- on going
 - Coordinating a : "Study on assessing the Job Market for Engineers", carried by Price Waterhouse Coopers Company 2000.
 - Member of the Committee assigned by the Minister of Labor for Employing and Training New Graduate Engineers since 2001 until now.
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Honors

- Oct 1995** Amiri Award for Academic Excellence, Bahrain
 - March 2001** Minister Award for Silver Anniversary Activities from Ministry of Housing.
 - June 2001** Employee of the year Award, Minister Award, Ministry of Housing & Agriculture.
 - Dec 2006** Distinguished Member Award, Bahrain Society of Engineers, Bahrain.
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Hobbies Reading, Swimming, and Table Tennis

References Will be supplied upon request

This is an abbreviated curriculum vitae, a more detailed professional track record version is available on request.

Dated: March 2007.