

CV
Safa Sadoon Fadam
Electrical & control systems consultant



General:

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Baghdad/Iraq

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E-mail: safa.fadam.ats@gmail.com

Date of Birth: 04 July 1959

Nationality: Iraqi

Iraqi Union membership: 23986 in 30-07-1980

Degree: Consultant

Profile

- A professional consultant with a successful proven track record of more than 38 years in all aspects of electrical and Smart grid applications in different sectors including SCADA for Electrical distribution systems, Substations automation, water treatment plants and pumping stations, and automation and control works.
- Successful in the planning and supervision of new projects as well as rehabilitation of old plants, preparation of tender documents, issuing design requirement, development of bill of quantities for new engineering projects.
- Specialist in World Bank projects implementation in Iraq.
- Ex- government employee in Baghdad Mayoralty/ Water Authority after 27 years' service.
- Fluent in written and spoken technical English, Arabic in language and culture.

Qualities and Capabilities

- Perfect project coordination experience.
- Highly skilled and experienced in crisis management.
- Inspiring others to achieve success.
- Effective communication skills.
- Obtaining results through persistence and drive.
- Thorough and practical knowledge of international and local regulations and contract implementation conditions.
- Skilled and competent in presenting facts and ideas with credibility at the highest level.

Selected Achievements

- Project consultant for smart grid projects with LSIS Company for Iraqi Ministry of Electricity namely 7DCC Project and AMI Project.
- Designer for electrical distribution and control systems for Al-Hajras Co. executing Mabazel Al-Saqlawia Pumping station.
- Thorough technical expertise concerning the Baghdad Water Supply System including in depth knowledge of existing facilities and proposed plans to overcome the water shortage in Baghdad.
- Innovative and creative expertise in finding solutions for electrical and control problems resulting from bad operation and lack of maintenance.
- Organizational and management skills for leading teams to accomplish complex and large scale technical missions and finding successful approaches.
- Training skills in lecturing technical subjects, resulting from long experience in the local environment.

Career History

2018 - Current

Owner of Advance Technical Solution Consultation Services (under construction engineering office).

2017- Current

Energy Specialist in Al-Khatib & Alami team for REEFATO Project. Reference Mr. Osama Al-Qasear.

2013-2017

AMI project Consultant:

Project consultant for LSIS Co. assigned by Al-Rasikh Co. for AMI project for MoE. Reference Mr. Joe Han Kim in LSIS.

2012-2015

Saqlaweia Pumping Station Consultant Engineer:

Detail design for electrical and control systems for Mabazel Al-Saqlawia Pumping Station Project for Al-Hajras Contracting Company. Reference Mr. Hyder Al-Temimy

2012-2013

7DCC Project Consultant

For Al Rasikh Company, Project manager for the Iraqi team with the Korean Company LSIS, The main contractor for Ministry of Electricity Reference Mr. Jung Woo Yung in LSIS.

2012:

Al-Rashead WTP Electrical and ICA specialist.

Detail design team member for Al-Rashead water treatment plant done by Tempa Systems Turkey, Reference *Mr. Murad Gazer*.

2011:

Water treatment technologies consultant, Al-Rasikh Group, Reference (*Mr. Jameal Al-Hadeathi*)

2008-2011:

Supervision of 13 x 15000 m³/day Compact waste water treatment units electrical and ICA system design by Wateleau Belgium, EPC Engineering AB. *Reference (Dr. Edward Petras, Mr. Luc Vernies)*

2010:

Preparing design report and RFP for SCADA system for Baghdad Sewage Authority, Mayoralty of Baghdad. *Reference (Mr. Ali Sajet)*

2009-2011:

Supervision of 2 x 100,000 m³/day Compact waste water treatment units electrical and ICA system design by Wateleau Belgium, Golden Spectrum engineering technologies. *Reference (Dr. Edward Petras, Mr. Luc Vernies)*

2009:

Electrical and ICA system design review and evaluation for Rasafa Water Treatment plant by Viola, Nakeal Al-Rafedain Group. *Reference (Mr. Turkey Al Qaisi)*

2008-2011:

Supervision the detail design and execution of Electrical and ICA system for AbuNuwas raw water pumping station designed by TEMPA Systems Turkey, EPC Engineering AB. *Reference (Dr. Edward Petras, Mr. Murad Gazer)*

2006-2008:

Supervision of Al-Rashiead Water treatment plant electrical and ICA system designed by TEMPA Systems Turkey, Al-Ghadak Group. *Reference (Dr. Kamal Yass)*

Nov. 2006:

Independent Electrical & control systems consultant.

2005–Nov:

Head of design & study department of Baghdad Water Authority. Supervision and approval of all the technical specification of new water projects currently executed in Baghdad by various sources, such as:

- US Army (References: Colonel Otto Busher, Cap. Molton):
- Drinking water distribution network rehabilitation,
- Supplying and installing of different compact units.
- Supplying and installing of different electrical generators.
- North Reservoir rehabilitation.
- Abu Graib Reservoir rehabilitation
- UNICIEF & UNOPS (Reference: Eng. Hadaf, UNICIEF Baghdad)
- Supply and install 33\11kV substation in Sharq Dijla WTP.
- PRT, PCO (Reference: Linda Allen, US Embassy)
- Sharq Dijla WTP rehabilitation and first expansion
- AL-Wahda WTP rehabilitation
- Al-Wathba WTP rehabilitation and expansion.
- Alqanat raw water pumping station rehabilitation.
- Sader City WTP execution
- JAICA, JIBIC (Reference: Alqateaf consulting company, Engineer Ali Ubaudi)

- Supply and installation of different compact units.
- Sharq Dijla WTP second expansion feasibility study.
- UNDP (References: Mr. Yan Root, Dr Omar Alhattab)
- AL-Karama WTP rehabilitation
- Preparation of the tender documents for projects funded by Iraqi government for improving production capacities and distribution networks.

2004–Nov. 2006:

Member of the World Bank Project Management Team (PMT)
(Reference: Mr. Suhail Jumaian)

- Preparing Expression of Interest (EOI) for consultation services concerning rehabilitation of 2B Pumping station, Abu Nuwas pumping station, Alrashied WTP and Alkarkh WTP.
- Evaluation of the consultant's bids and selection of the successful consultants
- Preparation of the Terms of Reference (TOR) for consultation services for rehabilitation of 2B Pumping station, Abu Nuwas pumping station, Alrashied WTP and Alkarkh WTP.
- Preparation of the presentation for the required scope of works during the pre-bid conference held in Amman for the selected consultants:
 1. Binnie & Partner (overseas) Black & Veatch, UK
 2. CH2M HILL, USA
 3. Dar Al-Handasa, Egypt
 4. Parsons, USA
 5. Alkateab & Alami, Lebanon
 6. R V Andersons, Canada
- Technical consultant's bids evaluation and awarding.
- Approving inception reports, detailed design reports, final tender documents through comprehensive meeting with the consultant (Black & Veatch)

2004–2005:

Head of Electromechanical Design Div. of Baghdad Water Authority
Establishment of the electromechanical and process design division in the design department, installment of the required structural units and definition of the technical responsibilities of each unit.
Preparation of technical design documents for rehabilitation of production plants and pumping stations such as:

- Replacing the old motors starters by new soft starters for Rasafa ground reservoirs (R10, R11, R13, and R45).
- Replacing the old high tension switch boards for RPS4 Raw Water Pumping Station.
- Supply and install wireless communication system.
- Rehabilitation of Qadissia WTP.
- Rehabilitation of Sharq Dijla WTP.

- Rehabilitation of Abu Nuwas pumping station

2001–2004:

Head of Electromechanical Design Dep. of the General Company for Water Projects Implementation

This company was formed to assist in implementation of new water projects in Baghdad and I took the responsibility of selecting the required staff suitable for the assignment.

The first project was to construct six ground reservoirs in Baghdad and my responsibility was to prepare the technical specification for the electromechanical equipment and the basic technical design drawings such as single line diagrams, PID and PFD. The second project was to construct a new project to produce 50 MGD as the first expansion of one of the largest WTP in Rasafa side in Baghdad (7-NISSAN WTP). This project was designed and supplied by a Greek company called Envitech. I was responsible for the execution of the electromechanical works. The project was delayed as a result of the military activities occurring in 2003 and the concept was modified. Finally, another contractor, Bechtel, completed the job.

April 2003:

During the 2003 war I was assigned to assist the manager of 7 NISSAN WTP.

Our responsibility was to keep the water production running to supply Baghdad city. We faced immense difficulties as a result of losing electricity supply and kept the generators running and working under shootings from a nearby battle. This story is well covered by the American troops who entered the plant and found us. It was published on the web site of the American Water Works Association E-Mainstream, Volume 47, Number 2, April 2003.

(<http://tinyurl.com/yzk2da>)

1991-2001:

- Head of Pumping Stations Division in Operation & Maintenance Department in BWA.
- Head of the technical committee to supervise the reconstruction of Aldoura Sewage Pumping Station, 1996.
- Member of the technical committee for repairing H.T motors in the Ministry of industry, 1996
- Member of the technical committee for supervising Al-Basrah water project, Ministry of interior, 1997.
- Manager of 7-Nissan W.T.P., 1997
- Manager of Alkarama W.T.P., 1999.
- Design and execution of security system for water reservoirs, 1994.
- Training young engineers and technicians in electrical and electronics maintenance, 1996.

1987-1990:

O&M engineer for BWA Telemetry project installed by PCI /KENT Company.

1986-1987:

O&M engineer for PLC equipment type PB-600 installed by the French company Merlin Gerin for 5 raw water pumping stations.

1985:

Start working with Baghdad Water Administration as a member of the RE office of Al-karkh W.T.P /Electrical section / Telemetry system.

1980-1985:

Army service in different fields

Education/Qualifications

1976-1980: University of Technology/ B.Sc. in Control & Systems Engineering. Subjects studied:

- Advance mathematics.
- Electrical & Electronic Engineering,
- Computer science,
- control system,
- Hydraulics & mechanical system.

1973-1976: Al Jamhouria High School, Baghdad/Iraq

Training

2005: World Bank Regulations, World Bank \ Amman

2002: Electrical Design fundamentals, Schneider Electric \France.

1988: Instrumentation, Paterson Candy International\ Kent, Baghdad.

1987: Computer Maintenance, NCR Iraqi Branch.

1986: Structural programming, Iraqi National Computer Centre.

Language

- Mother tongue: Arabic, excellent in reading, writing and speaking.
- Excellent in English reading writing and speaking.

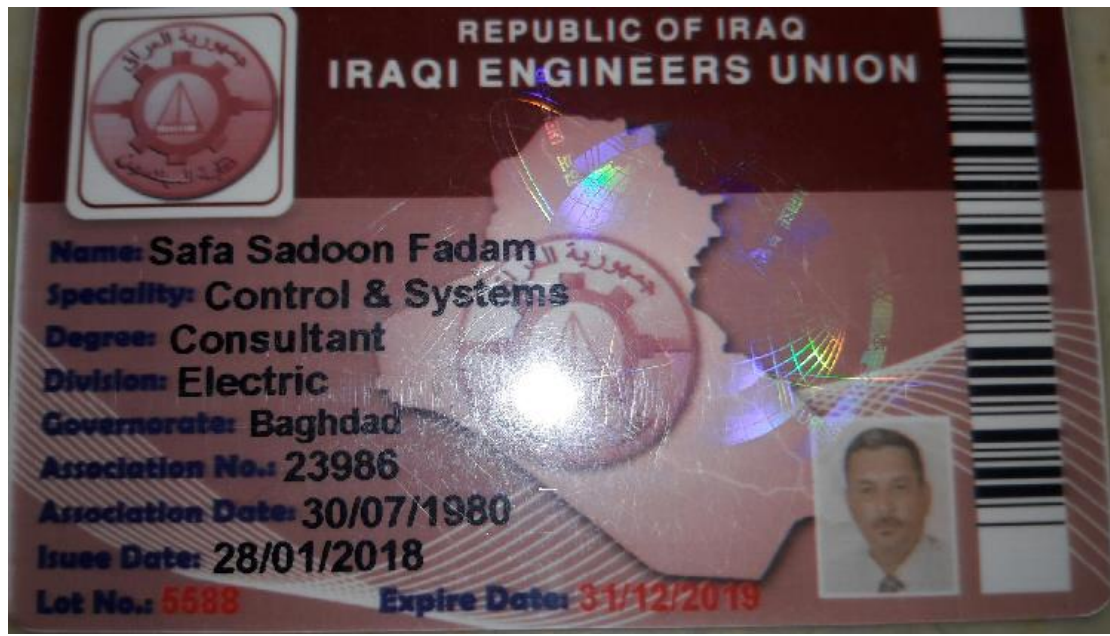
Interests

History, music, Art

Visited Countries

Sweden, Holland, France, Belgium, Turkey, Greece, South Korea, Syria, Lebanon, Jordan, UAE, Italy, Luxemburg, Switzerland, Armenia, Azerbaijan, Cyprus.

Iraqi Union Membership



Appreciation Certificates



Leading Innovation, Creating Tomorrow

Certificate of Appreciation

AWARDED TO

Safa S. Fadam
(Project Consultant)

FOR OUTSTANDING PERFORMANCE AND LASTING CONTRIBUTION TO:

**7 DCC PROJECT
FOR INSTALLING SCADA SYSTEM IN IRAQ**

Doc. No.: LSIS-SG-018-441230002
SEPTEMBER 1, 2017

LSIS CO., LTD.
IRAQ DCC PROJECT MANAGER
WOoyong JUNG, 정우용



LSIS Co., Ltd.
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Tel : +82-2-2034-4946 Mobile: +964-771-8190-018 Email: wjung@lsis.com

To: Whom it may concern
Sub: Confirmation letter
Date: 17 August, 2017

Dear Sir/Madam

We LSIS confirm that **Mr. Safa Saadoon Fadam** is working in our (7 Electrical Distribution Control Centers Project) with the Iraqi ministry of electricity as a local project consultant since 2012 until now.

He showed remarkable experience in project coordination and has impressive management skills.

In addition to his capability in providing mutual understandings between our company and our client in project management meetings.

Best Regards,



LSIS Co., Ltd.
Iraq 7DCC Project Manager

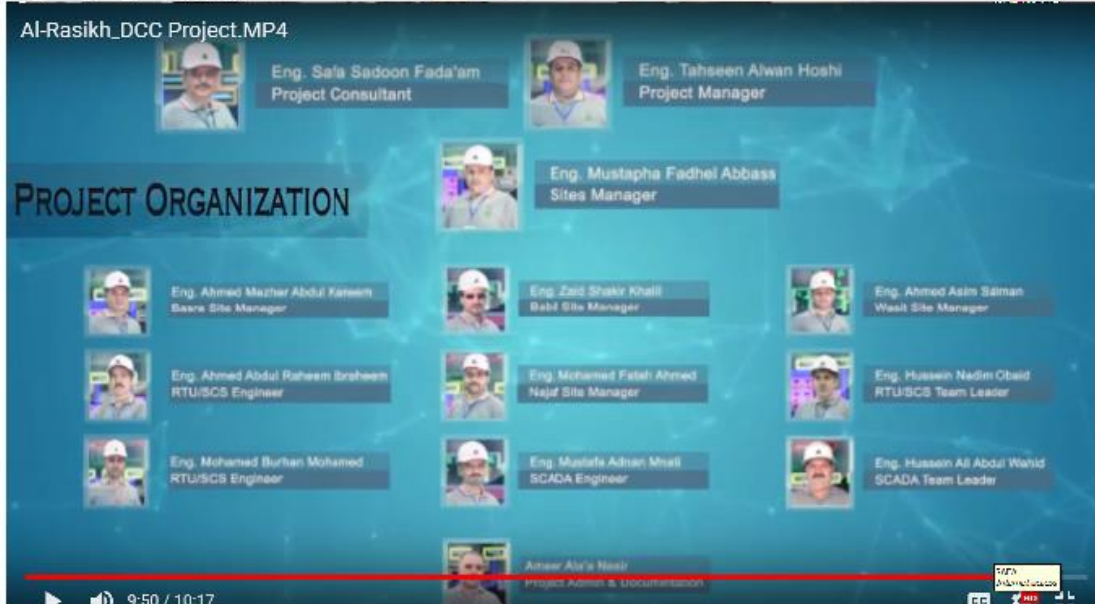
Jung Woo-Yong

Photos

Babil DCC Project opening ceremony 2017



Wasit DCC Project opening ceremony 2017



Lectures with LSIS team for MoE 2016



AMI Project FAT in Korea 2015



FAT for DCC Project in South Korea 2014



Different Projects

