

MEHMET FATİH CEYLAN



CONTACT

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LANGUAGES

English - Advanced

WORK EXPERIENCE

09/2017 - Present

Lead Electrical Design Engineer, GAMA Industrial Plants Manufacturing and Erection, Inc. (GAMA Industry), Ankara Turkey

Responsibilities:

- Under Responsibility of the Engineering Directorate:
 - All engineering services such as engineering calculations, preparation, control, verification and validation of engineering calculations, technical drawings and engineering documents, which need to be fulfilled within the scope of GAMA Engineering.
- Under Responsibility of the Proposals Directorate:
 - Identifying the technical and commercial requirements of the tender documents and providing input to design team for the level of engineering documents to be submitted with the Proposal.
 - List of submitted proposals;
 - Implementation of Investment Program of Achinsk Refinery of the Eastern Oil Company" (OJSC"ANPZ VNK"), 04.2019
 - Debottlenecking Onshore Plant Safaniyah, Saudi Aramco, 01.2019
 - Tanajib Gas Plant (TGP) Package 13 Industrial Support Facilities, Saudi Aramco, 12.2018
 - Tanajib Gas Plant (TGP) Package 14 Sulfur Handling Facilities, Saudi Aramco, 10.2018
 - Berri Water Injection Plant, Saudi Aramco, 09.2018
 - Upgrade Abqaiq Field Water Injection System, Saudi Aramco, 05.2018
 - Eti Maden Emet Sulfuric Acid Plant Project, Kütahya/Turkey, 03.2018
 - Alba Port Capacity Upgrade Project, Aluminium Bahrain B.S.C's Sitra Port Facilities, 12.2017
 - Increase Riyadh-Qassim Product Pipeline (RQ-1) Capacity, Saudi Aramco, 07.2017

06/2013 – 09/2017

Chief Electrical Engineer, Çalık Enerji Inc., Ankara Turkey

Responsibilities:

- Designing electrical part of system according to client specifications, considering the best optimised approach in terms of technical requirements, in line with international standards.
- Engineering design projects prepared by the engineering company, in terms of the applicability of the control specification
- The acceptability of the design projects in terms of design specifications prepared by the engineering company.
- Working as Commissioning Engineer to ensure that the Plant meets the design requirements-safely & reliably.
 - Review/Approval of Test Procedures
 - Ensure compliance with Project Technical Specifications, International Standards, and OEM procedures and specifications
 - Monitoring of functional and operational tests of various

equipment in order to prepare the equipment to the first start up

- Inspection, Supervision & Witness of Site Tests & Commissioning
- Verification of the compliance of test results with the design and reliability requirements
- Suggesting improvements in design
- Follow-up on Punch Lists, NCRs & Observation Notes

Commissioning Skills:

- Design review and site test of HV, MV, LV, Protection Systems & other plant utilities
- Commissioning and site test of 2x100MVA+1 x110MVA Power Transformer (HHIB) with OLTC(MR) & 2x15MVA Unit Aux Transformer
- Commissioning of 2 x 6FA TEWAC Generator (GE) with Brushless Exciter.
- Commissioning of 2 Heat Recovery Steam Generators (HRSG), 2 GT Fuel Gas Compressors (3200kW).
- Commissioning of 220kV switchyard, 6.3kV, 0.4kV Switchgears, Dry Type Transformers, MV & LV Motors, DC & UPS system etc.

Projects Summary and Responsibilities:

- I. 900MW Turakurgan Combined Cycle Power Plant Project, Nemengan/Uzbekistan, (January 2017 - April 2020)
- II. Navoi-2 Combined Heat and Power Plant Project (450 MW + 100 gcal/h Industrial Steam + 100 gcal/h District Heating), Uzbekistan, (January 2017 - January 2020)
 - Chief Electrical Engineer, Proposal Department: My role is to prepare technical and commercial proposal and to maintain contact with the Client in the process. After the submission of the proposal to the client, I have actively follow up the tendering process with the Client to ensure any questions are answered and in general to give the company the best chance to win the work.
 - Chief Electrical Engineer, Engineering Department: After contract award, I have received appointment letter to join the engineering team to take responsibility of the projects.

Çalık Enerji, which is headquarter in Ankara, moved to Istanbul in line with the decision of top management. After 9 months of work, I had to leave the company because of this situation.

- III. Aden Simple Cycle Power Plant (60 MW Aden Fast-Track Mobile Power Plant), Aden Gulf/Yemen, January 2017-May 2017
 - Electrical Engineer, Proposal Department: My role is to prepare technical and commercial proposal and to maintain contact with the Client in the process.
 - Electrical Engineer, Engineering Department: After contract award, I have join the engineering team to take responsibility of the project. The project is important because it is the first agreement made by Çalık Enerji in the field of mobile power plant and all turn-key engineering, supply, EPC and commissioning works were undertaken by Çalık Enerji. The power plant was built in only 90 days.
- IV. 230MW Gardabani Combined Cycle Power Plant Project, Georgia, October 2013 - July 2015

Electrical Engineer, Engineering Department: I started my business life within Çalık Enerji as an Electrical Engineer with Gardabani CCPP project.

My project title was changed during the execution stage of the project, as Electrical Design Engineer in Ankara location, Chief Commissioning Engineer at Site.

10/2008 – 06/2013

Lead Test and Commissioning Engineer, GES Genel Elektrik Sistemleri Yapım ve Mühendislik A.Ş. , Ankara Turkey

- Testing, inspecting, and troubleshooting power distribution equipment to include cabling, earthing/grounding, generators, HV/MV/LV electrical distribution systems and panels, transformers, UPS systems, batteries and charging systems, protection devices, metering and relaying and other related electrical systems, controls and devices.
- Ensuring the safe testing and commissioning of completed installations to achieve the necessary equipment performance in accordance with project schedule requirements.
- Perform the mark-up of field change drawings, discrepancy lists and project closure packages
- Provides on-site support to design engineering team as relates to design philosophy and providing field information/valid requirements.
- Provide technical guidance on unusual or complex problems ensuring customer design standards are maintained.

Projects Summary:

- I. Enova Energy Generation Co., Inc.-Oşkan HEPP (3x9 MVA)-Osmaniye
- II. Enova Energy Generation Co., Inc.-Berkman HEPP (3x15 MVA)- Osmaniye
- III. EnerjiSA-13.8kV/154kV Menge HEPP (2x47,22MVA)-Kozan/Adana
- IV. EnerjiSA-13.8kV/154kV Köprü HEPP (2x80,56MVA) -Kozan/Adana
- V. EnerjiSA-13.8kV/154kV Kavşakbendi HEPP (3x66MVA) -Kozan/Adana
- VI. EnerjiSa-Balıkesir Wind Farm (BARES) (52x2,7=142,5 MW)
- VII. 154kV/36 kV İzmit Köseköy SS
- VIII. 154kV/36 kV Osmaniye Organize Sanayi Tranformer SS
- IX. 380kV/154kV/36 kV Hatay Tranformer SS

EDUCATION

2004 - 2008

Bachelor Degree of Electrical and Electronics Engineering, Near East University, Nicosia/TRNC

ADDITIONAL SKILLS

Electrical earth ground system authorization certificate, TMMOB- The Chamber of Electrical Engineers-Ankara 06/2011

HV Instrument transformers TMMOB- The Chamber of Electrical Engineers-Ankara 06/2011