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Personal Statement

PS: I'm an accomplished electrical engineer with a background in commercial and industrial installations in PV contracting filed. I have an in depth knowledge of PV solar parks and am looking to expand my experience within a role that combines new experiences with a good transcendence

Educating: bachelor degree in electrical power & M/C Faculty of Engineering Shoubra, Banha University **May-2011**

Experiences

Electrical engineer from **8/2011 to 5/2014**

Senior electrical & PV engineer from **5/2014 till now**

Completed PV Projects

***10MWp** solar park in Siwa (Egypt) **8/2014 to 3/2015**

***28kWp** hybrid solar system El-Shikha Fatam school (Egypt) **3/2015**

***1.67MWp** SHS solar home system in Sohage (Egypt) **12/2014 to 6/2015**

***14MWp** On Grid solar park in Red Sea (Egypt) **8/2015 to 2/2016**

***10MWp** (1st phase) Net Metering solar park in Toshka (Egypt) **9/2016 to 2/2017**

***10MWp** (2nd phase) Net Metering solar park in Toshka (Egypt) **3/2017 to 10/2017**

Ongoing PV Projects

***210kWp** On grid in the royal buildings, MASDAR, Abu Dhabi (UAE)

***500kWp** different small projects in Egypt

Courses & Training



- ❖ **By working in factories we trained on many courses like:**
- ❖ **6σ - Six Sigma (Define-Measure-Analyze-Improve-Control)**
- ❖ **5M, GMP, 5S & HACCP System**
- ❖ **Classic Control, Industrial Safety & Risk Assessment Cal**
- ❖ **ISO 9001- 2008, Corrective Actions & Internal Audit**
- ❖ **KPI (Key Performance Indicator)**
- ❖ **PMP Credit hours (10/2017), IPMA Credit hours (1/2018)**

Job Description



- Nowadays working in **Complete Energy Solutions** an EPC Solar company as: **Senior Technical Engineer with over 46MWp solar power projects**
Website: www.complete-eng.com

Every project in the company added new features to our experience, we designed over **150MWp** and execute over **46MWp** this is the description of my part in each one:

*** 10MWp Siwa:** 74,686 thin film MPV, 1246 SMA inverters, 5 PCS rooms:
1-Medium voltage engineer: supervising the RMU connection from each PCS rooms to the main MV connection point
2-GRP rooms supervising: following up the installation of all room & its electrification

*** 28kWp Fatma school:** 104 poly PV panels, 3OPTI solar inverters, 3 PV combiners:
1-Designer: design the electrical system totally with aerodynamic system structure
2-Install the whole system
3-Montiring the system: after energizing the system to deliver to the government

*** 1.67MWp (SHS) solar home system in Sohage:**
Site manager for 3341 SHS unit/each 350 watt as: 2 PV, charge controller, 2 Batteries

*** 14MWp Red Sea:** a collection of MPV & polycystic 315w JA solar modules, 9 SMA sunny central inverters cpvt 850,900, with 84 SMA PV combiner boxes divided on 4 different site Marsa Alam, Shalateen, Halayb & Abo Ramad:

1-Technical Design Consultant: the 4 site design review
2-Site Manager: for Marsa Alma the biggest one 6MWp solar park
3-MV connection: on the RMU to the connection points on diesel power station with the SMA fuel saver
4-Testing & commissioning: following up with SMA on the 9 sunny central inverter cpvt 850 & 900
5-Testing & commissioning: following up with the third party PVSOS on 4 different site on:
Structure from Oberhozser, PV modules, strings & harnesses connections, combiners, main D.C cables, M.V connections on the stations.

*** 10MWp Solar Park in Toshka Phase (1):** 31,760 polycystic 315w JA solar modules, 8 ABB PVS800-57-1000kW-, with 62 ABB PV combiner boxes:

1-Technical design consultant: construct the 10MWp design and shop drawing
2-BOQ: implement the BQO for the 10MWp, inspection and cost control for all the project procurement
3-BOQ delivery and cost control vs. PEP: monitor and modify the exact shipments delivery dates (structure, PV modules, inverter stations...etc.) with the PEP (Project Execution Plan) with the Project Manager by Gantt Charts
4-FAT, Testing & commissioning: for the whole project equipment along with their FAT with the manufacture

*** 10MWp Solar Park in Toshka Phase (2):** Nearly as ph-1, closing and commissioning was in 20/10/2017



- **1 year working in Middle East Chemicals as: Maintenance Engineer.** From 10/2012 to 11/2013:
(Ingram shaving cream manufacturer company)
Worked on different types of machines like:
Filling & sealing, shrinking & packing, printing ink jets, cream manufacturing M/C:
(Kalix 700 - Video Ink jet - Giusti - Boilers - Chillers - Crashers - Liquid Filling M/C - Vacuum Machine etc...)
- **2 years working in consulting offices as: junior Electrical Design Engineer** from 12/2011 till 10/2012:
Working as an electrical tendering for lighting, designing by Auto CAD-2D program in many construction buildings

Main Courses & Computer

- ❖ Excellent dealing with computer
- ❖ Computer science (ICDL) from (UNISCO) 2010
- ❖ **AutoCAD-2D-3D CAD-Masters (9/2010)**
- ❖ Excellent using: **Adobe Illustrator, Photoshop, Corel DrawX5**
- ❖ Nowadays working on the **Revit, Solid Works & PVSyst**
- ❖ **PMP Credit hours (10/2017), IPMA Credit hours (1/2018)**
- ❖ MS Microsoft Project 2015

English Language

- ❖ English: excellent command both American and British
- ❖ Around (17) years' experience in conversations talking different accents

Personal Data

- ❖ **Date Of Birth:** 16/12/1988
- ❖ **Military Status:** Done
- ❖ **Nationality:** Egyptian
- ❖ **Location Of Birth:** Saudi Arabia
- ❖ **Marital status:** Single

Reference

- 1-Dr/ Hamdy Othman** Unilever Consultant
Tel :+20(01274572457)
- 2-Mr/Tomo Stegovage** PV expert in Europe, Slovenia.
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