

# Hassan Eliwa

## Planning Engineer (Construction Planner)

**Holding a NZ Permanent Resident Visa**

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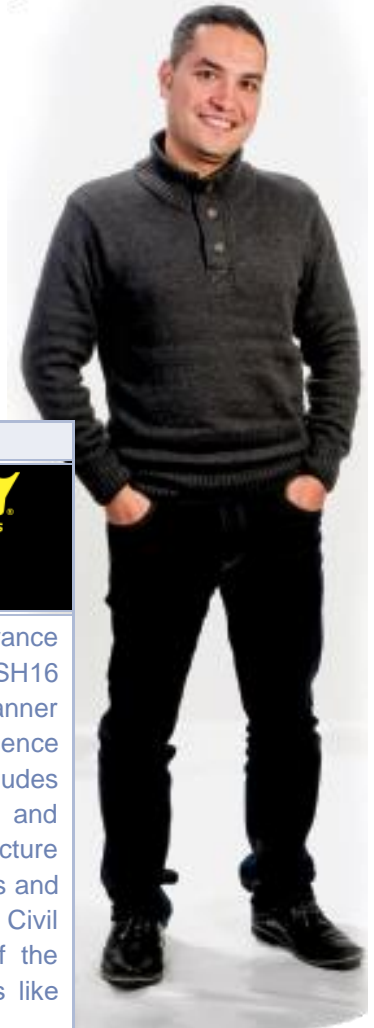
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### Summary

## Planning Engineer (Construction Planner) @ **BATLEY** planning engineers

From: Egypt

Date of birth: 15 Feb 1982, Married with 2 kids

I worked with Battley for over two years now, initially with the Lumley Insurance Christchurch rebuild but mostly as the full time programmer on Auckland's SH16 causeway project with CPB (Leightons) and Fulton Hogan. I am a Project Planner (Construction Planner) and Cost Control Engineer with more than 10 years of experience in project planning, scheduling, project management and control. Experience includes planning responsibility for a number of major infrastructures, building, resources and heavy engineering projects. As a dynamic professional I have worked on Infrastructure and Real estate projects of international standards with Clients as well as Contractors and have in depth knowledge of project development. On an academic front I am a Civil Engineer with Post Graduation in Construction Management from AAST, one of the leading university in Egypt. I am well versed with project management software's like Primavera (P3 & P6), Ms Project and all the MS office.

### Key Skills

Proficient or familiar with a Construction Design, Management and Planning Techniques, including:

| Planning and Scheduling | Monitoring and Reporting  | Tendering    | Critical Path Manag. |
|-------------------------|---------------------------|--------------|----------------------|
| Financial Management    | Estimation & Cost Control | Coordination | Risk Management      |

### Computer Skills

| PRIMAVERA P6 / P3     | Microsoft Excel           | Microsoft Project | Auto CAD            |
|-----------------------|---------------------------|-------------------|---------------------|
| Windows, OS and Linux | Microsoft Offices Package | Visual Basic.net  | Synchro 4D Planning |

### Education

|                 |   |
|-----------------|---|
| 2007 to 2010    | <b>Master Degree in Construction Engineering and Project Management (March 2010)</b><br>Arab Academy for Science and Technology and Maritime Transport (AAST), Alexandria |
| 1999 to 2004    | <b>Bachelor Degree in Civil Engineering (September 2004)</b><br>Arab Academy for Science and Technology and Maritime Transport (AAST), Alexandria                         |
| 2004 (48 Hours) | <b>Certification in PRIMAVERA (Planning and Control Software)</b><br>The American University, Alexandria  |

### Researches and Scientific Papers

|      |   |
|------|---|
| 2010 | <b>"EARTHMOVING PRODUCTIVITY AND COST ESTIMATING USING COMPUTER MODELLING AND SIMULATION" Master thesis-</b><br>A thesis submitted to AASTMT in partial Fulfillment of the requirements for the award of the degree of MASTER OF SCIENCE in Construction and Building Engineering |
| 2009 | <b>Paper in "A Computer Model for Selecting Equipment for Earthmoving Operations Using Simulation"-</b><br>Submitted (Approved) to Ain Shams University, Faculty of Engineering, Cairo  |

**Work Experience**

**Battley Planning Engineers** <http://battley.co.nz/>  
**Project: SH16 CAUSEWAY UPGRADE PROJECT (\$200M), Auckland, New Zealand (infrastructure)**

**Planning Engineer****24 March 2014 to 31 August 2016**

- ✓ The SH16 Causeway project is approximately 5 Km in length and will primarily consist of widening the existing motorway with additional lanes to accommodate the increased traffic demand from SH20. The SH16 alignment between Great North Road & Rosebank Road is commonly referred to as the 'Causeway'. The majority of the reclamation required for the improvements will be along the Northern & Southern edges of SH16 Causeway.

**Responsibilities:**

- Continuously monitor, developing and updating detailed schedules using **Primavera P6**, and assigning costs, resource, and equipment to each activity to determine progress requirements to meet the project completion date.
- Prepare the monthly reports of actual progress against planned progress.
- Prepare the weekly last planner report for monitoring and control.
- Update, Control and monitor the resources and crews required monthly through reports.
- Worked in a planning team to prepare the risk analysis report
- Work as a part of project team to solve problems in the project.
- Prepare Reports as per Client requirements. Liaise with PM, Lead Construction Manager, Site Engineer, and Foreman to ensure they are regularly advised of progress against Contract Program requirements.
- Performs other related duties as assigned and Attend weekly progress meetings with the team.

**References:** **Ken Buchanan (CPB): +64 29 772 0291**      **Andrew Strong (FH): +64 27 705 5615**  
**Phil Skinner (FH): +64 27 247 5294**      **Linghao Hu (Battley): +64 27 533 0060**  
**Ranga Passya (Battley): +64 21 111 9926**      **Colin Battley: Please ask**



**Drake and Scull Co. JV with ICC** <http://dsc.drakescull.com/>  
**Project: Prince Salman Science Oasis (\$70M), Riyadh, KSA (Building)**

**Senior Planning and Cost Control Engineer****01 February 2012 to 15 October 2013**

- ✓ The Prince Salam Science Oasis main objective is to create a science experience center to inspire the visitor's interest in engineering science. Thus seven permanent Exhibitions will be held comprising, Air and Space, Earth, Water, Life, 2xEnergy and Technology. The Exhibition functions are housed in Cubes approximately 21x21 m in plan. Lecture rooms and auditorium are available in the main 3 story administrative building and spherical building

**Responsibilities:**

- Continuously monitor and update Contract Program using **Primavera P6**.
- Prepare fortnightly reports of actual progress against planned progress.
- Prepare and continuously update as built Program including maintaining record of actual resources employed.
- Identify delays against Contract Program, and advice PM and Lead Construction Manager accordingly.
- Liaise and assist Lead Construction Manager, Site Engineer, and Site Foreman in the preparation and monitoring of short-term programmers.
- Identify Program implications associated with Client Variations.
- Liaise with Quantity Surveyor in respect of monitoring cash flow and preparation and updating of cash flow forecasts.
- Performs other related duties as assigned.
- Projects Monthly Cost report.
- Top Management Reports on monthly basis.
- Projects Items Sequences of work scenarios and Value Engineering

**References:**

**Ahmed Heikal: +966 50 011 4027**      **Shameer Hp: +966 56 487 6644**  
**Mohammed Yamen: +966 56 997 8788**

**Work Experience (Cont.)**

**Al-Arrab Contracting Company** <https://www.linkedin.com/company/al-arrab-contracting-co>  
**Project: Jizan Housing Project (\$280M), KSA (Building and infrastructure)**

**Senior Planning and Cost Control Engineer**

**16 June 2010 to 31 January 2012**

- ✓ Project 'Immigrants Residence Project' includes the construction of 1063 one floor residential buildings, mosques, schools and medical center in Jizan, KSA.

**Responsibilities:**

- Develop overall schedule using **Primavera P6** including engineering, procurement, construction, commissioning, and startup activities.
- Coordinating information for creating Program for the Project using primavera
- Preparation of Project Budget & Calculation of detailed man-hours, machine hours and cash flow
- To prepare resource histogram of project staff, manpower and plant & equipment.
- To develop a CPM program along with q network logic diagram to the details of level 4 from master schedule and all comply with the contract using Primavera software
- Developing progress monitoring system (PMS)

**References: Mostafa AlSamak: +966 55 404 0193**



**Al-Saif Contracting Company**  
**Project: Faruos University Multipurpose Auditorium Building (\$14M), Alexandria, Egypt (Building)**

**Project Engineer**

**24 February 2007 to 10 June 2010**

- ✓ Faruos University Multipurpose Auditorium Building Project is one floor steel building with Lecture rooms, auditorium and an optional spherical building marking a possible landmark for the main entrance.

**Responsibilities:**

- Overall management of all project related activities
- Reviewing contract documents, prepares project plans and schedules as required.
- Reviewing of the progress against the program of work
- Monitoring the subcontractor progress, performance and quality of the work.



**HAIF Company** <http://www.haifcompany.com/en/>  
**Project: Gazadco Shrimp Farm Expansion Project (\$21M), Jizan, KSA (Building and infrastructure)**

**Site Engineer**

**01 August 2004 to 15 February 2007**

- ✓ The project works include 160 Hectares Shrimp Growout Ponds, Power House, Water Treatment pond, Salt Water Intake, Mess Hall, 3 one floor buildings, Feeder Forage, Laboratory Building, Hatchery Building, Transportation Networks and External Site Works (Mechanical & Electrical).

**Responsibilities:**

- Responsible for Excavations work, Utilities relocation, Backfilling works and Asphalt work
- Ensuring that all materials used and work performed are as per the project specifications.
- Dealing with consultant and carrying out the required coordination

**Trainings and Courses during works**

- Passed the safety inductions (9 hrs) (2014 – 2016) by **SH16 CAUSEWAY PROJECT, Auckland, New Zealand**
- Planning and control using PRIMAVERA (32 hrs) by **Leighton Contractors, Auckland, New Zealand**
- Planning and Cost Control using SAP for Business (32 hrs) by **Arrab Co., Riyadh, KSA**

**Affiliations:**

- Member Alumni AAST
- Member Engineering Association in Alexandria