

SAFFII ELDIN HELMY



(PMP Certified)

(MBA Candidate)

(PMI- RMP , CCP, BIM,PRINCE 2 –Training-)

Mob. No.: 01202121893

Email: saffiieldin_helmy@yahoo.com

LinkedIn URL:

www.linkedin.com/in/saffii-helmy-bim-pmp-rmp-prince2-ccp-ssyb-ncn-a-b4b132b4

Career Objective

To obtain a career oriented position in a professional, progressive organization where by mutual growth and prosperity is underlined. Execution of duties to the best of my abilities and establishing a position of trust, prosperity and confidence within the company.

Experience

Worked in different fields associated with Project Management, and Construction of MEP projects. Managing very large scale & prestigious projects in UAE and Egypt of diversified nature viz Hotels, Super High rise buildings, Exhibition and Conference centers, Residential & Commercial complexes/ Industrial Units, Townships, Villa complexes, infrastructure projects etc

Core Competence:

- *Competent and result-oriented MEP Professional with specialization in offering over 19+ years of experience in managing Project Execution, design verification, Project Initiation, Project Planning & Scheduling, Cost optimization, Testing and Commissioning, quality and safety management.*
- *Take a multi-disciplinary approach in handling coordination issues of the projects and resolving them*
- *Led the team to accomplish the Project cycle and handover within the project completion milestones with the best quality and safety standards within a cost-effective budget: procurement control, Contract, and Construction administration.*
- *Project Schedule Management & cost claims*
- *Verifiable track record for the successful completion of multiple projects through developing a positive rapport with Architects, Engineers, vendors, clients, staff, colleagues, and subordinates*
- *Well-versed with various latest international codes and standards*
- *Positive attitude, ability to learn fast, excellent team player, instant problem-solving ability, and deterrent.*

Work Experience



Capriole Construction Company.

UAE/Egypt

Overall Joining Period Feb 2014 - Present (10 years 4 months)

- **MEP Manager- BIM**

UAE/Egypt

Mar 2021 - Present (3 years 3 months)

- Lead system delivery, ensuring compliance with codes and standards, and coordinate with various stakeholders to contribute to the successful execution of the project.
- Collaborate, oversee and guide the **MEP** projects Managers and associated teams.
- Develop and implement **BIM** strategies and standards specific to **MEP** systems.
- Resolve **BIM**-related issues and ensure project objectives are met
- Oversee the creation, management, and quality assurance of **BIM** models for **MEP** systems.
- Ensure compliance with local and international BIM standards and guidelines.
- Coordinate **BIM** activities and ensure seamless integration of **MEP** systems with architectural and structural models.
- Facilitate regular **BIM** coordination meetings and reviews.
- Implement and maintain **BIM** quality control processes to ensure accuracy and consistency in **MEP** models.
- Conduct regular audits of **BIM** models to verify compliance with project requirements and standards.
- Liaise with clients and stakeholders to understand their **BIM** requirements and expectations.
- Present **BIM** models and project updates to clients and other stakeholders as needed.
- Mentor and train team members in **BIM** processes and tools.
- Identify potential risks related to MEP systems and propose mitigation strategies.
- Monitor project risks and implement necessary adjustments to minimize their impact.
- Provide technical guidance to project teams during design development and construction phase in the use of **BIM** tools and software.
- Collaborate with architects, engineers, and other stakeholders to resolve technical challenges.
- Led the supervision of **MEP** activities on all projects, deploying relevant site teams; improved project completion rates by 25% and minimized resource wastage by implementing best practices and regular audits. Cooperates with the Construction and Engineering Manager for the on-time and on-budget completion of the Projects.



Capriole Construction Company.

- **Chief Projects Coordinator-BIM**

UAE

May 2016 - Mar 2021 (4 years 11 months)

- overseeing **BIM** strategies, coordinating with multidisciplinary teams, and ensuring the effective integration of MEP systems into building projects

- *Achieve targets and project deliverables to meet deadlines as per the planned Master program within the approved Budget, without compromising on Quality & Safety, by providing guidance and Managerial & Technical support.*
- *Organization's MEP representative of the project to the Client as the primary point of contact to Client/Consultant.*
- *Follow-up with Local Auth ADSSC /DEWA/SEWA/FEWA/ADDC, Etisalat/Du, Civil Defense, and Municipality for NOCs, Approvals, and Inspections until Completion certificates.*
- *PMC role having appropriate involvement with all parties with a proactive approach.*
- *MEP Coordination with other services during all phases.*
- *Analysis of IFC documents and identifying critical issues at an early stage.*
- *Ensuring all technical aspects of the projects are strictly complied with and in conformity with Conditions of Contract, Particular Specifications, General Specifications, and Contract Drawings & BOQ.*
- *Active participation in the preparation of WBS, Baseline Program, Critical Path Analysis, resource planning, and look-ahead plans for upcoming weeks.*
- *Monitoring preparation of Shop drawings, Coordination drawings and Builders' work, LS, SLDs, Eqp schedules, and Material.*
- *Prep and Presentation of Progress Reports and Updates HL Project Meetings.*
- *Establishing and monitoring KPIs and taking action for progress improvement.*
- *Active participation in finalizing of Subcons and Suppliers for Long lead items and System Specialists.*
- *Proper Coordination with the Procurement team to obtain resources in advance of the tasks.*
- *Managing the Execution of 1st, 2nd & final fix in coordinate with all services Plumbing, Elec, HVAC, FF, BMS, and ELV systems.*
- *Prioritize and Organize tasks & resources as per planned Sequence of activities.*
- *Monitoring IRs: to initiate, comments rectification until status approved.*
- *Addressing NCNs & NCRs and actions to close on time.*
- *Prepare training plans, organize specialist training by equipment suppliers and personally deliver training where appropriate.*
- *Encourage and manage off-site testing and pre-commissioning activities by suppliers or others. Ensure Commissioning is carried out safely by regulations and procedures.*
- *Ensure all necessary Commissioning documentation is produced in a timely manner and cooperate with Technical Documentation teams to ensure timely delivery of O&M manuals.*



Capriole Construction Company.

- **MEP Technical Office Manager-BIM**

UAE

Feb 2014 - May 2016 (2 years 4 months)

- Manage and coordinate **BIM** standards development, implementation, and enforcement on all related **BIM** projects, files, and models.
- Provide technical support for projects (coordinated shop drawings, QS ,....) using **Revit** and **Navis program**.
- Preparation of all **BIM** standard procedures including modelling guidelines and modelling matrix.
- Responsible for all out coming and incoming **BIM** deliverables and scheduling to match the construction schedule.
- Held a regular coordination meeting between project different departments.
- Distribute tasks and duties among **BIM** team.
- Supervising the process of **BIM** model updating during the construction phase.

- Extracting material take-offs for different L.O.D.s to be used for QC, procurement, planning departments.
- Reporting changes according to RFIs, coordination, Eng. instructions and design changes to generate cost impact analysis report.
- Responsible for the client interface, arrange progress meeting and handover document.
- Creating QC checklists for checking the models and material take-off reports.
- Detect and solve clashes between different discipline
- Check and coordinate all engineering design submittals from contractors, follow up site supervision, design conflicts, and variation orders for the client.
- Lead, by example, the team of multi-disciplinary Section Chiefs and engineers by delegating work according to specialism, project priorities, technical challenges, and contractual milestones.
- Plan and maintain project budgets and schedule planning activities with team and managers. Attend progress and technical meetings, discuss and suggest technical proposals.
- Take part in project and risk management auditing.
- Coordinate between the construction and contractors' engineering teams ensuring that all requirements are conveyed clearly and delivered.
- Coordinate with quantity surveyors or payment appreciations and change orders.
- Manage the Technical Office teams on Technical and Department issues
- Supervise the review and approvals of shop drawings and material Submittals.
- Continually monitoring the contractor's construction schedule during the progress of site activities.
- - Monitoring the contractor's List of Deliverables (Submittal of Drawings, design, and Materials), ensures compliance with the contract and project requirements.
- Liaise with the project control manager on the performance measures related to the technical part.
- Support finalization of subcontractors' invoices, when required for technical assistance.
- Documenting project issues/conditions.
- Monitoring, coaching, and developing Engineering team members.
- Maintaining detailed project records.

Running Projects:

1- AL DANA Tower (4B+G+ 45 Floors + Roof) , Abu Dhabi.

➤ Client	:	Mr.Saeed Mohammed Khalaf Alremethi
➤ PMO	:	ADCE
➤ Consultant	:	MAKAN
➤ Project Value	:	AED. 222,353,667

2- Commercial Development Tower (3B+G+ 39 Floors + Roof) , Abu Dhabi.

➤ Client	:	Dr.Mugheer Khamis Mugheer Jaber Alkhail
➤ PMO	:	ADCE
➤ Consultant	:	APG
➤ Project Value	:	AED. 192,956,364

3- C21 Tower (3B+G+ 17 Floors + Roof) , Abu Dhabi.

➤ Client	:	Mr. Mohammed Bakheet Saeed Al Ketbi
➤ PMO	:	ADCE
➤ Consultant	:	HEBERGER
➤ Project Value	:	AED. 122,423,122

4- C31Tower (4B+G+ 24 Floors + Roof) , Abu Dhabi.

➤ Client	:	Mr. Sultan Jaber Mohammed Ghanem Al Suweidi
➤ PMO	:	ADCE
➤ Consultant	:	HEBERGER

➤ Project Value : AED. 162,837,493

5- C27 Tower (3B+LG+G+ 22 Floors + Roof) , Abu Dhabi.

➤ Client : Mr. Mohamed Jaber Mohammed Ghanem Al Suweidi
➤ PMO : ADCE
➤ Consultant : HEBERGER
➤ Project Value : AED. 162,837,493

6- Linx Tower (2B+G+19 Floors + Roof Each) , New Capital.

➤ Client : Capriole Construction Co.
➤ Consultant : APG
➤ Project Value : EGP. 880,000,000

7- Capriole International School (1B+G+3 Floors + Roof) , New Capital.

➤ Client : Capriole Construction Co.
➤ Consultant : APG
➤ Project Value : EGP. 520,000,000

8- EgyCrete Factory- Sadat City

➤ Client : Capriole Construction Co.
➤ Consultant : APG
➤ Project Value : EGP. 430,000,000.00

9- C28Tower (2B+G+ 28 Floors + Roof) , Abu Dhabi.

➤ Client : Mr. Mohsin Mahfouz
➤ PMO : ADCE
➤ Consultant : HEBERGER
➤ Project Value : AED. 142,378,302

Nos Of Projects Handled:

1. Towers Private Development 14 Buildings ,(2B+G+18 Floors + Roof Each+ Infrastructure) , Abu Dhabi

Client : Crown Prince Court
Consultant : ADCE
Project Value : Dhs. 980,000,000

2. Al Bateen Palace, Phase 1 ,2& 3, Abu Dhabi

Client : CPC
Consultant : UNii Engineering & Hans Knutzen Associates.
Project Value : Dhs. 1, 330,000,000

3. Complex for Sons of Sheikh Hamdan Al Nahyan at Sea Palace (3 Main Villas + Infrastructure), Abu Dhabi

Client : CPC
Consultant : UNii Engineering
ConsultancyProject Value :Dhs. 00,000,00.00

4. Abu Dhabi Sports Club , Abu Dhabi

Client : CPC
Consultant : UNii Engineering
Project Value : Dhs. 840,000,000.00

5. Construction of Command Buildings, Appurtenant and the Service Buildings

Client : PGC
Consultant : PGC
Project Value : Dhs. 840,900,000.00

6. Construction of PGC Buildings for (National Service Camp Project) at Seah Hufair

Client : PGC
Consultant : PGC
Project Value : Dhs. 670,400,000.00



Orascom Construction PLC

Egypt

Jul 2010 - Jan 2014 (3 years 7 months)

Senior Mechanical Engineer/ Team Leader

- Build and lead a high-performing development team to ensure timely delivery of top-quality work
- Acquires and understands the Project goals from the Contract, specific documentation, and the kick-off meeting.
- Set up the procedure for the control of Discipline activities.
- Contributes to defining the Discipline list of activities, list of deliverables, and time schedule in accordance with Contract requirements.
- Takes any corrective action within the Specialists group necessary for this purpose.
- Monitor and report actual progress / check for Equipment and Packages Discipline activities, including control of men-hours and delivered documents; particular care is required for sub-contracted activities.
- Coordinates the evaluation of the design changes to the original scope of work and verifies the implementation of those approved.
- Checks and signs all produced documents (internal or subcontracted) like design reports, technical specifications, drawings, etc.
- Attends to inter-discipline check meetings.
- Provides technical support to Procurement, Subcontracting, and Construction activities included in the scope of work
- Reports to the Project staff and the Client whenever required.
- Ensures follow-up activities.

• **Projects Handled:**

Cairo Festival City Retail Mall

Client : Al Futtaim Carillion LLC
Consultant : Dar Al Handasah Consultants
Project Value : Egy. Pound. 2,650,000,000.00



Consolidated Contractors Company

Egypt

Aug 2005 -Jun 2010 (4 years 11 Months)

Project Mechanical Engineer

- Analyze building design requirements, schematics, and technical specifications to develop comprehensive mechanical plans and designs.
 - Select appropriate mechanical equipment, materials, and systems based on project needs, building codes, and industry standards.
 - Perform load calculations, system sizing, and energy analyses to optimize the performance and efficiency of the mechanical systems.
 - Prepare detailed engineering drawings, diagrams, and documentation, including HVAC layouts, plumbing schematics, and equipment schedules.
 - Ensure compliance with relevant building codes, ASHRAE standards, and other applicable regulations.
 - Provide technical support and troubleshooting during construction to resolve any mechanical-related issues or challenges.
 - Participate in design checking, project meetings, and client presentations to communicate progress and address concerns.
 - Stay up-to-date with the latest trends, technologies, and advancements in building mechanical systems.
- **Projects Handled:**
 1. Qtaria El Diar Resort Project (3 Villas)
 2. Qtaria El Diar Corniche Project (2 Towers)
 3. New Saudi Embassy Project (2 Towers – B+16 floor tower + 23 floor tower + 4 podium)

Skills & Programs Experts:

- BIM, Pipe Flow Expert , Word, Excel , Elite ,Revit ,HAP, Elite, Candy ,Primavera, CAD Software ,Adobe Acrobat Reader , Microsoft Project ,PowerPoint, Outlook , Access ,and AutoCAD.
- Team Leadership, Negotiation, Logistics, Construction management, Resource management, Reporting, Communication, Risk Assessment, Finance& Budgeting.

Education



Benha University

Bachelor's degree, Mechanical Engineering
1999 - 2005

Licenses & Certifications

- **CANDY SOFTWARE**
-  **PMP certificate** - PMI - Orange County Chapter
Issued Mar 2018 - Expires Mar 2027
2175242
-  **SixSigma Yellow Belt** - VMEdU Inc.
-  **Negotiation Associate** - VMEdU Inc.