

Holds a B. Sc. in Mechanical Power Engineering and has about 24 years of experience in administrative, residential and Industrial construction projects in Egypt and the Middle East. Proactive Project Manager, experienced in managing a variety of MEP Systems in the projects and can apply practical, effective solutions (Technical Office & Site Management).

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Zagazig

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 1998

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: Hap, Elite, AutoCAD & Primavera P6

TRAINING COURSES AND CERTIFICATIONS

: Project Management Professional (PMP®) Exam Preparation Course.
: Primavera P6 Professional Fundamentals.
: Training Course in Heavy Construction Equipment's at Construction Equipment Training Center (C.E.T.C.) in the following Sectors:

- Operation & Site Management.
- Maintenance of Diesel Engines, Hydraulic & Pneumatic Circuits, Mechanical Parts Repairing.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2022 till now
Employer : SAMCRETE Engineers & Constructors / SE&C
Job title : MEP Construction Manager
Job Description :

- Manage the assignment of manpower, materials, and equipment to maximize efficiency, maintain schedules, and to meet budget goals. Keep alert to possible problem areas and takes preventative

action to ensure that critical milestones are met for each phase of the project.

- Responsible for the management of the MEP site team including mentoring, scheduling their activities, and leading coordination meetings, recruitment and performance management of the team members.
- Directing the MEP site team through all construction phases of a project including contractor coordination and all aspects of site management.
- Inspect and coordinate construction implementation to assure compliance with building and safety practices and regulations.
- Coordinate and provide direction for the budget estimating, purchasing, engineering, accounting, cost and construction functions as they relate to the completion of the project.
- Hand over activities separately and successfully to keep progressive work on the project.
- Review and validate submittal of material and coordinate the administration cycle to supply all needs in accordance to the project plan.
- Conduct and handle progress meetings with stakeholders and handle requests in order to maintain project effectiveness and proper communication.
- Manage and direct personnel and subcontractors to ensure a realistic workload with high quality.
- Monitor and evaluate quality controls to increase efficiency of activities.
- Prepare and report budget estimates and progress reports to update project owner on all project's construction dynamics.

Dates	:	From Dec. 2020 till May 2022
Employer	:	REDCON Construction Co. S.A.E
Job title	:	MEP Site Manager
Job Description	:	<ul style="list-style-type: none">• Define & coordinate and managing the MEP Scopes on major construction projects to ensure successful completion of all MEP trade work.• Assist Scheduling department with developing detailed CPM schedules for all MEP installation activities, including cost and resource loading and Plan, schedule, or coordinate MEP project activities and allocate resources to meet deadlines.• Represent company in regard to the MEP process at weekly and periodic meetings with stakeholders to discuss, and suggests technical and commercial proposals and handle requests in order to maintain project effectiveness and proper communication.• Coordinate with section heads, engineers, and consultants to set effective work procedures, work priorities, suitable resources allocation and plan, schedule, and implement construction activities to comply with deadlines.• Ensure the timely submittal of all project submittals and obtaining approvals. (Samples, Shop Drawings, Design Details, work Procedure, Method Statements, Schedules, Programs etc.).• Follow up and coordinates with technical/engineering team for all phases (submittal, approval, as-built...etc.) and monitor the ongoing risk & opportunity management during all project phases.

- Follow up and coordinator with procurement team for all phase (submittal, approval, MR, PO, delivered, invoicing) according to the project plan and take all necessary corrective action for fulfilled the project plan.
- Study and analyze delays or damages in construction to avoid technical issues or cost and/or time deviation, and coordination the completion of projects on time within budget & scope and review payments to contractors and suppliers to track and keep budgeting.
- Inspect and coordinate construction implementation to assure compliance with building and safety practices and regulations.

Dates : From Dec. 2017 till Oct. 2020

Employer : AAW Consulting Engineers & Partners - a leading international private owned multidisciplinary consulting engineering group headquarters in Cairo, Egypt

Job title : Resident Mechanical Consultant

Job Description :

- Ensure that all the MEP works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.
- Establish the project Mechanical organization & coordination and agrees the roles and responsibilities for the perfection with the main and sub contractors and controls project plan and schedule changes recommending actions.
- Manage and lead MEP trades with Sub-contractors throughout duration of the project (from Groundbreaking through Commissioning and Turnover to Owner).
- Evaluate & measuring and analyzing the contractor's performance during the project life cycle processes and track plan and milestone and deliverables.
- Follow up and coordinator with the contractors for all phases (submittals, approval, MR, PO, materials and equipment's deliveries, activities, invoicing) according to the project plan and take all necessary corrective action for project plan.
- Act as technical adviser and consulting supervision for all mechanical teams and contractors in several projects and multiple mechanical activities and site inspection of mechanical works.
- Track project performance, specifically to analyze the successful completion of short and long-term goals, and making sure, that each stage of the project is progressing on time and on budget as per the approved baseline schedule.
- Managing & follows up and overseeing quality control, health & safety matters and the work progress on site to be sure it is matched with the set project plan and increase efficiency of activities.
- Manage, oversee and participate in the development and administration of the projects budget to ensure that expenditures and cost estimates are adequately documented and monitored and doesn't exceed the planned budget.

Dates : From Aug. 2016 till Sep. 2017

Employer : EVIC Europe Consulting LLC - Multinational design and engineering consultancy

Job title : MEP Project Manager and Mechanical Head

Job Description :

- Study and review projects design and calculations as per customer requirements performance, then determines project specifications performance standards and coordinate design process to ensure design meets intended project goals.
- Reviewing, checking and controlling CAD & BIM drawings, HVAC load calculations and Plumbing Hydraulic calculations according to client requirement, international codes and standards such as NFPA, ASHRAE, SMACNA and IPC (international plumbing Code), prior to the submission of final design and studies.
- Oversee the MEP works plan and coordinate with other trades for completion of the work to avoid clashes and mistakes.
- Evaluating design drawings and calculations for HVAC, Firefighting, Piping and other MEP systems to satisfy target requirements throughout the design process and contribute to content and direction.
- Manage the relationship with the client and all stakeholders to ensure deliverables fall within the applicable scope, schedule and budget.
- Managing, coaching, monitoring, motivated and supervise project team members and contractors, and influence them to take positive action and accountability for their assigned work during project implementations process.
- Insure that the progress of works technical, commercial, procurement and construction is a per the baseline schedule.
- Evaluate & measuring and analyzing the contractor's performance during the project life cycle and track project Processes & plan and milestone and deliverables.
- Constantly monitor quality and report the progress of the project with defining project issues/risks and solutions with required escalation to all stakeholders on a regular basis.

Dates : From Jul. 2014 till Aug. 2016

Employer : National Air Services (NAS Holding) - a leading low-cost carrier from Saudi Arabia with a young fleet of 24 aircraft

Job title : Technical and Logistic Manager (Ground Service Equipment's (GSE))

Job Description :

- Coordinate with various functions/ teams, EPC, O&M contractors, partners, etc. as required, compile the required information's and documentations to assist in bid preparation while ensuring it meets the RFP requirements.
- Managing the implementations of contracting division projects in Jeddah new Airport (HVAC & Firefighting Systems) & machines and identifying corrective actions where established standards are not being met.
- Review and approve the alternative design solutions and value engineering proposals to support the tender department manager during the project tendering and value engineering phase.
- Developing and implementing preventive maintenance and predictive maintenance as well as reliability programs and supervising maintenance optimization activities.
- Defining the project's scope and determining what resources are available, estimating time and financial commitment, as well as how to monitor and report on the project's progress.
- Coordinate activities concerned with acquisition of ground service

equipment and operation and maintenance of ground services repair and storage facilities.

- Develop, implement and continually improve maintenance management systems including mechanical integrity programs, work order system, maintenance standards and procedures.
- Monitor up usage and depreciation status of equipment's at the stations and their requirements and plans moving, transfer and distribution of equipment's.
- Ensure maintenance department functions at a maximum level of efficiency and highest quality possible by responding to management and supervisor requests, maintaining supplies, maintaining equipment in working order as required.
- Provide the leadership to perform work in an orderly and proactive manner based on principles of reliable design and preventive/predictive maintenance practices and coordinate inspections, repair and maintenance services to obtain maximum utilization of equipment.

Dates : From Feb. 2013 till Jul. 2014
Employer : Private Business (Freelance), Egypt

Dates : From Jun. 2000 till Dec. 2012
Employer : ACCIS Group (Advanced Company for Construction and Industrial Supplies) - Multinational Trading and Construction Group have 6 working units in Arab countries; Egypt, Saudi Arabia, Lebanon, Jordan, Syria and UAE for MEP Contracting and supplying of Machines and Construction Cutting and Finishing tools

Job Description : • Mechanical Projects Manager (Mechanical Implementations) (KSA & Egypt) (Apr. 2004 – Dec. 2012):

- Project management, projects timely execution, contractor management, project engineering and technical support to plants to improve plant performance related to production, maintenance, safety & quality while ensuring plant activities are not negatively impacted by the development of projects.
- Attend meetings and coordinate between electromechanical consultants, external agencies, contractors, property owners and other utility services for assigned projects.
- Leading and managing a team work from electrical and mechanical office and sites engineers in all MEP construction works starting from Design works dealing with consultancies associations ending with deliverables and installation.
- Manage and develop solutions that solve market & products and machines problems & establishing strategic alliances with local & international suppliers and developing & maintaining sound business relationships.
- Prepare functional and technical specifications documents and drawings to the supplier's and purchasing dept. that clearly communicate requirements and ensure that the expected functionality will be.
- Aid Projects Director in order to manage and follow up electromechanical construction works starting from design works dealing with consultancies associations ending with delivery,

- installation and working properly.
- Research, design and evaluation, installation, operation, and maintain mechanical products, equipment systems and processes to meet the environmental requirements.
- Organize and manage resources (manpower/equipment/materials), projects managers, contractors and schedules for construction projects.
- Oversee all aspects of projects. Set deadlines, assign responsibilities and monitor and summarize progress of project.
- Senior Mechanical Engineer (KSA) (Feb. 2001 – Dec. 2004):
 - Review of shop drawings and BOQs for HVAC, Plumbing, and Fire-fighting.
 - Interact with shop drawing sub-contract for design quality and schedule control.
 - Reviewing of MEP systems and performing engineering evaluations, conceptual & final design and calculations.
 - General supervision, monitoring, inspect the installation, testing and commissioning of MEP systems (HVAC & Fire Fighting) at the site.
 - Manage and control day to day production activities to ensure that customer delivery and quality requirements are met within agreed budgets and timescale, providing regular feedback on order status.
 - Managing and developing the factory maintenance and production staff and carry out quality inspections on jobs and supervising the installation and mounting of the machines and equipment's.
 - Responsible for plan and direct the installation, testing, operation, maintenance, repair of machines and equipment's.
 - Follow up of the maintenance of contracting division machines and troubleshooting and identifying corrective actions where established standards are not being met.

Dates : From Jul. 1999 till Jun. 2000

Employer : Santa Fe International Corporation - International American Company working in the field of petroleum services

Job title : Mechanical Maintenance Engineer at Sea Rig, Egypt

Job Description :

- Implement predictive and preventive maintenance for the equipment's and machineries on the rig to ensure that machines and equipment's are installed and functioning according to rig maintenance program.
- Monitor, maintain, troubleshoot and repair mechanical, hydraulic, pneumatic and electrical/electronic equipment including, but not limited to, programmable controls, numeral controls, power supplies, drives, gages and test equipment.
- Carry out the corrective, preventive and predictive maintenance activities for the assigned area and for all the machines and rotating equipment's and mechanical parts on the rig during the operation.

Dates : From Dec. 1998 till Jun. 1999

Employer : Egyptian International Motors Company (EIM) - agency of international brands of automotive additional to Komatsu heavy equipment's division

Job title : After Sales Service Engineer (Komatsu Division), Egypt

- Job Description** :
- Covering the after-sales service conditions repairing, testing, commissioning.
 - Evaluating and resolving problems & assisting in operation of equipment at the first time use and offering customer training and fixing faults on site or arranging for replacement parts to be installed.
 - Deal with customer technical requests and resolve technical issues either remotely or onsite in a timely manner.
 - Making recommendations to the maintenance technicians of the client.

- Field of experience** :
- MEP Project & Site Construction Management.
 - Mechanical Engineering Management.
 - Technical and Maintenance Management.