

104685-MEC-568CEGHMSnq-E-2007
Mechanical Section Head / Mechanical Commissioning Manager

Holds a B. Sc. in Mechanical Power Engineering and has about 16 years experience in the field of execution, commissioning and maintaining mechanical systems in Mega Projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/07/1985
Gender : Male
Marital Status : Widowed
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2007

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD (2D, 3D) all versions
: HAP (Hourly Analysis Program) for HVAC Works Design
: ELITE Fire Fighting Design Software (for Sprinkler System Design)
: Primavera P6 (for project management)
: MathCAD (for Engineering-Problems Solving Productivity)
: Automation Studio 5.5 (for Designing Hydraulic Circuits)
: Nastrane (for Moving and Presenting all AutoCAD 3D Products)
: Visual Basic 6
: Adobe Photoshop CS5

TRAINING COURSES AND CERTIFICATIONS

: Project Management Fundamentals – 30 Hours (PMP Certificate - Preparation).
: HVAC System Design Course – 60 Hours (Design - Maintenance - Installation).
: Fire Fighting Systems Design – 40 Hours (Wet systems - Clean Agents).

- : OSHA – 10 Hours (Certificated Occupational Safety & Health Training Course).
- : Project Management - Primavera P6 (Course 102 - Project Management in P6).
- : US Bureau of Overseas Building Operations (OBO) Expertise Certification (as a Commissioning and Technical Support Engineer).
- : Orascom Construction Industries Expertise Certification (as a Technical Office Mechanical Engineer).
- : ConTrack International Expertise Certification (as a Site Mechanical Engineer).
- : OMEGA for contracting Expertise Certification (as a Technical Office Mechanical Engineer).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2021 till now
- Employer** : Archirodon Overseas Construction Co. Ltd - Jeddah, KSA
- Project** : South Container Terminal – Jeddah Islamic Port:
Execution / Commissioning / Maintaining of new buildings and facilities, containing facility buildings to turnkey level, hard-scape, soft-scape and new huge Firewater, Potable-water, Sanitary Sewer and Storm Water Networks infrastructure networks with corresponding pump rooms, lift stations and equipment.
- Job title** : Mechanical Section Head
- Job Description** :
- Studying project scope of work, contract, Technical requirements, specifications and standards to perform the work in compliance to the specified requirements).
 - Leading a team of Engineers and Supervisors with the responsibility of executing and supervising, commissioning, tests & start up for all mechanical equipment and systems of the project.
 - Review and Check the conformity of all mechanical items, piping and equipment submittals prior to submitting to client, for example Wet Utilities Piping and accessories; HVAC Equipment; FW & PW Pump House, Lift Station Pumps and accessories, Fuel Tanks Pumps, ...etc.
 - Leading the coordination process and corresponding drawings production among all project disciplines.
 - Running weekly project progress with client and contractor, discussing all project mechanical progress to resolve delaying issues, if any.
 - Obtaining approvals of drawings / material submittals from concerned authority / consultants and handed over the marked-up drawings as per site conditions to the drawing department.
 - Supervising technical specifications, evaluated mechanical process equipment, and material orderings.
 - Monitoring the ordering and delivering of materials and equipment to on site stores for installation, as per project schedule.
 - Carrying out the monitoring of project performance in line with project schedules and priorities.
 - Preparing applicable method statements and installation procedures for all mechanical systems.
 - Coordinating with and between project mechanical sub-contractors and assuring conforming to project quality and period/priorities.

- Ensure that all necessary materials, manpower, tools and equipment for installation and start-up are available with the site team.
- Ensure that the day-by-day operations are conducted in accordance with daily construction plan and schedule.
- Maintaining and providing details for the work progress and reporting to upper management.
- Dealing with Client's representatives at site to ensure clarifying all technical reasons for any deviations.
- Ensuring that proper approved documents of different system and units are in place prior to installation or inspection takes place.
- Working on closing Quality Control and Commissioning Action-List/Issues-Log, being sure to be completed and critical records are covered.
- Tracking and reviewing project As-Built Drawings to match actual conditions on site.
- Good knowledge of interfaces between different equipment/systems, which will provide a correct sequence of commissioning activities.
- Supervision, Technical Assist on all specification's requirements for the Project Closeout, including Operation and Maintenance Manuals, Extended Warranties, Posted Instruction, and any other closeout requirements.
- Troubleshooting equipment/systems issues to re-solve in-house with minimum material and time.

Dates	:	From Jan. 2021 till Aug. 2021
Employer	:	AL-AYUNI Investment and Contracting Co. - Riyadh, KSA
Project	:	MH-60R Facilities, PKG#1, Jubail Naval Air Base
Job title	:	Testing & Commissioning Manager
Job Description	:	<ul style="list-style-type: none"> • Studying project scope of work, contract, Technical requirements, specifications and standards to perform the work in compliance to the specified requirements). • Review and Approve critical and special systems and equipment submittals prior to submitting to USACE, for example HVAC Controls (BMS), Chlorine System, Bead-blasting System, ...etc. • Running weekly project progress and Red-Zone meetings in the presence of USACE and Contractor, discussing all project disciplines progress to resolve delaying issues, if any. • Preparing / reviewing / Building Pre-commissioning & Commissioning Procedures of the project and allied utilities, starting from the Interim / Final Commissioning Plans, Pre-Functional Checklists, Functional Performance Tests, until we reach the Final Acceptance. • Rendering Technical Services and assistance to commissioning operations, marking up of P&IDs and checking against As-Built drawings. • Carrying out the monitoring of project performance in line with commissioning activities. • Preparing procedures for all project systems/equipment commissioning and coordinating. • Witness all project Final Acceptance Tests and provide evaluation for the project quality. • Ensuring that proper approved documents of different units are in place

prior at the start of Testing and Commissioning activities.

- Finalizing the commissioning schedule of the site activities and accordingly dividing the work through Construction, Quality Control and Commissioning teams and allocating needed resources such as work force and tools, etc.
- Making sure that all necessary tools and equipment for commissioning are available with the team.
- Making sure that all systems tests completed before taking over to the Commissioning phase.
- Preparing Commissioning Action-List/Issues-Log, being sure to be completed and the critical records highlighted.
- Tracking all specifications required and ensuring the availability of manufacturer Provided or Recommended Spare Parts.
- Receiving the details of systems from QC/QA and Site teams and then managing the Testing and Commissioning process.
- Tracking and reviewing project As-Built Red-Line Drawings and Record Drawings to match actual conditions on site.
- Good knowledge of interfaces between different equipment/systems, which will provide a correct sequence of commissioning activities.
- Supervision, Technical Assist on all specification's requirements for the Project Closeout, including Operation and Maintenance Manuals, Extended Warranties, Posted Instruction, and any other closeout requirements.
- Providing necessary Trainings/Demonstrations to the client operation team, enabling them to run the all project systems.
- Troubleshooting equipment/systems issues to re-solve in-house with minimum material and time.

Dates : From Feb. 2020 till Jan. 2021

Employer : Hassan Allam Technologies – Cairo, Egypt

Project : Presidential Palace Compound in Alamain:

- Commissioning and Maintaining of the completely new compound containing facility buildings and infrastructure utilities.
- Mechanical systems included are, not limited to, HVAC (Including #3 500TR Chillers, ventilation, High-Capacity Air-Handling-Units), Building Automation/Management Systems, Fire Suppression (Wet, Dry, Deluge, Foam, Clean Agent), Plumbing (Inc. Water Treatment Systems, Vertical Turbine Pumps), Swimming pools, Fountains, Elevators, Irrigation System, Light Current (CCTV, Fire Alarm, Light Automation, ...), Generators, Transformers, Ring Main Units.

Job title : Site Commissioning & Maintenance Manager

Job Description : Leading a team of Engineers and Supervisors with the responsibility of commissioning and testing for all electro-mechanical equipment and systems; and civil works of the project, to do and finalize the following activities:

- Reviewing Commissioning Procedures of the project and allied utilities.
- Carrying out the monitoring of project performance in line with commissioning activities.
- Ensuring that proper approved documents of different units are in place during Testing and Commissioning activities.
- Finalizing the commissioning and handing-over schedule of the site

activities, accordingly dividing the work through Cx team, and allocating needed resources such as labor and tools, ...etc.

- Making sure that all necessary tools and equipment for commissioning are available with the team.
- Making sure that all systems tests are completed before taking over by Cx team.
- Preparing Cx action /checklists, being sure to be completed and the critical records highlighted.
- Tracking all specifications required and ensuring the availability of manufacturer recommended spare parts.
- Receiving the details of systems from QC/QA and Site teams and then managing the Testing and Commissioning process.
- Good knowledge of interfaces between different units, which will provide a correct sequence of commissioning activities.
- Coordinating with Health and Safety Executive (HSE) unit to make everybody aware of likely danger potentials of Cx activities.
- Successfully commissioning and handing over the commissioned project to the Maintenance Team after completion of commissioning activities, along with the respective operation manuals and documents.
- Providing necessary training to the client operation team, enabling them to run the all project systems.

Dates : Part time

Employer : CCE Specialities LLC – VA, USA

Projects :

- MSGR and Chancery / Compound Improvements – US Embassy - Libreville, Gabon
- Marine Security Guard Resident Expansion – US Embassy - Bamako, Mali

Projects Description:

- Execution of new facility buildings and improving/renovating/extending existing facility buildings/systems to turnkey level, hard-scape, soft-scape and infrastructure networks.
- Mechanical systems included are, not limited to, HVAC (Inc. Modular-Scroll-Chillers, DX Systems, High-Capacity Air-Handling-Units, Heated VAVs), HVAC Operation special Sequencing/Scenarios (Pressurization, Purging, ...), Building Automation/Management Systems, Fire Suppression (Wet, Dry, Deluge, Clean Agent), Plumbing (Inc. Water Treatment Systems, Solar-Heating), Waste water treatment plants, Irrigation Systems.

Job title : Mechanical Commissioning & Technical Support Consultant

Job Description :

- Analyzing Tender drawings, Project Specifications, Related codes and standard, Technical Papers.
- Materials quantity survey works and purchase requests preparations with applicable project requirements.
- Equipment and Materials selection, contacting suppliers,
- Material Submittals preparation and comments follow-up.
- Conducted technical engineering works/tasks including installation details, design review, material alternation, work-shop-drawings review, coordination with other trades.
- Design review and verification for project systems and equipment sequence of operation and Building Automation System logic and

operational scenarios.

- Preparation of Pre-Functional Checklists (PFC) and Functional Performance Tests (FPT) for project mechanical systems and equipment, including Pre-commissioning & Commissioning Procedures for the project and allied utilities.
- Rendering Technical Services and assistance to commissioning operations, like P&IDs preparation.
- Carrying out the monitoring of project performance in line with commissioning activities.
- Ensuring that proper approved documents of different equipment and systems are in place prior at the start of Testing and Commissioning activities.
- Reviewing special services sub-contracts, like Testing and Balancing, scope of work and responsibilities.
- Preparation and Submitting of project closeout documents including Equipment Inventory, Maintenance Library, etc.
- Building and preparing Computerized Maintenance Management System (CMMS) forms for project scope of work.
- Providing necessary required documents for Equipment/Systems Trainings to the client operation/facility-maintenance team, enabling them to better understand and run the all-mechanical project systems/equipment.
- Troubleshooting operation issues appears during starting-up, commissioning and warranty period.

Dates	:	From Aug. 2014 till Feb. 2020
Employer	:	American International Contractors, Inc. – Special Projects, Jeddah – KSA
Project	:	US Embassy / Consular Compound – Jeddah, KSA <ul style="list-style-type: none">• Execution / Commissioning of a completely new compound containing facility buildings and infrastructure utilities to a turnkey level.• Mechanical systems included are, not limited to, HVAC (Inc. #6 250-TR Modular-Scroll-Chillers, specialized work-shops ventilation, High-Capacity Air-Handling-Units), Building Automation/Management Systems, Fire Suppression (Wet, Dry, Deluge, Clean Agent), Plumbing (including Water Treatment Systems, Solar-Heating, Vertical Turbine Pumps), Waste water treatment plant (75K LPD), Vehicle Fuel Dispensing system, Swimming pools, Elevators, Vehicle Lifts, Irrigation System, Waste Compaction Systems.
Job title	:	Mechanical Technical Support Head / Commissioning Representative
Job Description	:	<ul style="list-style-type: none">• Leading a team of Engineers and Supervisors with the responsibility of executing and supervising, commissioning, tests & start up for all mechanical equipment and systems of the project.• Studied the scope of work, contract, Technical requirements, specifications and standards to perform the work in compliance to the specified requirements.• Obtained approvals of drawings / material submittals from concerned authority / consultants and handed over the marked-up drawings as per site conditions to the drawing department.• Prepared technical specifications and evaluated mechanical process equipment and material orderings.• Monitored the ordering and delivering of materials and equipment to on

site stores for installation, as per project schedule.

- Reviewing Pre-commissioning & Commissioning Procedure of the project and allied utilities.
- Rendering Technical Services and assistance to commissioning operations and preparing P&IDs.
- Carrying out the monitoring of project performance in line with commissioning activities.
- Preparing procedures for the commissioning of systems in coordination with client Cx agent.
- Ensuring that proper approved documents of different units are in place prior at the start of Testing and Commissioning activities.
- Finalizing the commissioning schedule of the site activities and accordingly dividing the work through Cx team and allocating needed resources such as work force, tools, etc.
- Making sure that all necessary tools and equipment for commissioning are available with the team.
- Making sure that all systems tests are completed before taking over by Cx team.
- Preparing Cx action /checklists, being sure to be completed and the critical records highlighted.
- Tracking all specifications required and ensuring the availability of manufacturer recommended spare parts.
- Receiving the details of systems from QC/QA and Site teams and then managing the Testing and Commissioning process.
- Good knowledge of interfaces between different units, which will provide a correct sequence of commissioning activities.
- Coordinating with Health and Safety Executive (HSE) unit to make everybody aware of likely danger potentials of Cx activities.
- Successfully commissioning and handing over the commissioned project to the Client / Authorities after completion of commissioning activities, along with the respective operation manuals and documents,
- Providing necessary training to the client operation team, enabling them to run all project systems.
- Key Highlights:
 - Have an exemplary record to be only mechanical technical support engineer, acting with the consultant and driving site team works in a project with this size and this amount of special systems.
 - Successfully completed technical office works before the scheduled date by four months, which helped in making site work smoother.
 - Developed the project commissioning system from scratch.
 - The newly developed commissioning process was highly appreciated by the client and commissioning agent.
 - Successfully completed the Commissioning Process before 3 months of the scheduled date.
 - Played a leading role in solving large number of major technical issues of complex systems like water treatment and building automation systems.
 - Received a recommendation letter from the client, stamped by the US government, in appreciation of the remarkable performance.

- Dates** : From Aug. 2017 till Jun. 2019
- Employer** : American International Contractors Inc. - Special Projects, Taipei - Taiwan
- Project** : American Institute in Taiwan (AIT) (US Embassy / Consular Compound)
- Execution / Commissioning / Maintaining of new buildings and facilities containing facility buildings to turnkey level, hard-scape, soft-scape and infrastructure networks.
 - Mechanical systems included are, not limited to, HVAC (#5 250-TR Modular-Scroll-Chillers, #2 600-KW dual-fuel condensing boilers, #2 75-TR Dedicated Heat-Recovery Chillers, specialized work-shops ventilation, High-Capacity Air-Handling-Units, Outside Air DX-Units), Building Automation/Management Systems, Fire Suppression (wet, dry, clean agent systems), Plumbing (Heat Exchangers, Water Treatment Systems, Vertical Sump Pumps), Fuel Distribution System, Fountains, Elevators, Vehicle Lifts, Redundant-Source Irrigation System.
- Job title** : Mechanical Commissioning / Maintenance Representative
- Job Description** :
- Along with the ongoing work in the US Consulate in Jeddah.
 - Studied the scope of work, contract, Technical requirements, specifications and standards to perform the work in compliance to the specified requirements.
 - Prepared technical specifications and evaluated mechanical process equipment and material orderings.
 - Monitored the ordering and delivering of materials and equipment to on site stores for installation, as per project schedule.
 - Attended the project review meeting to discuss about the progress of the project and to resolve issues if any.
 - Reviewing Pre-commissioning & Commissioning Procedure of the project and allied utilities.
 - Rendering Technical Services and assistance to commissioning operations, marking up of P&IDs and checking against As-Built drawings.
 - Carrying out the monitoring of project performance in line with commissioning activities.
 - Preparing procedures for the commissioning of systems and coordinating with company Cx representative and client Cx agent to witness the testing and evaluation of the project.
 - Ensuring that proper approved documents of different units are in place prior at the start of Testing and Commissioning activities.
 - Finalizing the commissioning schedule of the site activities and accordingly dividing the work through Cx team and allocating needed resources such as manpower and tools etc.
 - Making sure that all necessary tools and equipment for commissioning are available with the team.
 - Making sure that all systems tests are completed before taking over by Cx team.
 - Preparing Cx action /check lists, being sure to be completed and the critical records highlighted.
 - Tracking all specifications required and ensuring the availability of manufacturer recommended spare parts.
 - Receiving the details of systems from QC/QA and Site teams and then managing the Testing and Commissioning process.
 - Good knowledge of interfaces between different units, which will provide

a correct sequence of commissioning activities.

- Coordinating with Health and Safety Executive (HSE) unit to make everybody aware of likely danger potentials of commissioning activities.
- Successfully commissioning and handing over the commissioned project to the Client / Authorities after completion of commissioning activities, along with the respective operation manuals and documents.
- Providing necessary training to the client operation team, enabling them to run the all project systems.
- During the Warranty Period, I was leading the contractor maintenance team with the responsibility of maintaining, testing and re-commissioning for all mechanical equipment and systems of the project.
- Carrying out the monitoring of project performance in line with the maintenance activities.
- Troubleshooting equipment/systems issues to re-solve in-house with minimum material and time.
- Key Highlights:
 - Handling two projects at the same time and both projects were performing great.
 - Equipment Inventory and CMMS was perfectly built by myself and approved by the Client and CxA.
 - Successfully all technical issues were resolved and completed the Commissioning Process in a struggling project
 - The commissioning process was highly appreciated by the client and commissioning agent.

- Dates** : From Jan. 2013 till Aug. 2014
- Employer** : American International Contractors, Inc. (Archirodon JV), Cairo – Egypt
- Project** : Cairo West Air Base, Egypt:
- Execution and Renovation of 21 army facility buildings, shelters, taxi ways, infrastructure networks and air fighters’ runways.
 - Mechanical systems included are, but not limited to, HVAC (chilled water and DX systems, ventilation, pressurization), Fire Suppression (Wet, Dry, Clean agents, Foam systems), Plumbing systems (Compressed Air), Medical gas systems, Aviation Turbine Fuel system, etc.
- Job title** : Senior Mechanical Technical Support Engineer
- Job Description** :
- Led a team of engineers and drafters with the responsibility of managing the activities pertaining to the Mechanical systems of the project at the technical office.
 - Established the work scope of items in schedule of rates, which is in accordance with Standard Estimating Guide.
 - Analyzed Tender drawings, Specifications, Related codes and standards, Tender pricing, Technical letters and accordingly made recommendations.
 - Responsible for Work-Shop-Drawings for all mechanical systems to an extreme execution detailed level.
 - Responsible for selection of equipment and materials, contacting suppliers, preparation of quotations comparative statements & submittals and follow-up for the replies.
 - Obtained approvals of drawings / material submittals from concerned authority / consultants and handed over the marked-up drawings as per site conditions to the drawing department.

- Prepared technical specifications and evaluated mechanical process equipment and material orderings.
- Monitored the ordering and delivering of materials and equipment to on site stores for installation, as per project schedule.
- Handled various engineering tasks related to army buildings specifically in Mechanical works (HVAC, Fire suppression, Plumbing, Compressed Air, Medical Gas, Fuel System etc.) and works related to air base utility networks (Gravity sewer, Forced Mains, Domestic Water, Fire Water), lift stations and water treatment plants.
- Coordinated works with all other related trades.
- Key Highlights:
 - Received an opportunity to associated reputed consultant like US corps of engineers in my first US army project,
 - Developed huge fuel farm technical drawings with in-depth and captivating level of details to the level of details, where they did not need to make an as-built as they made it as we directed.
 - Have an exemplary record to be only mechanical technical support engineer, acting with the consultant and driving site team works in a project with this size and this amount of special systems.
 - Successfully completed technical office works before the scheduled date by four months, which helped in making site work smoother.

Dates : From Aug. 2009 till Jan. 2013

Employer : Orascom Construction Industries

Project : MARASSI (Sidi-Abdul-Rahman, Mediterranean North Coast – Egypt)
All Mechanical & Plumbing work of 31 Buildings contains 500 Apartments, finishing of 180 Villas and Townhomes, Main Gate, Beach club Parking Building (Ventilation and Firefighting works), Hub Rooms, Infra-structure work (Domestic-Drainage), HVAC system Air Balancing.

Job title : Mechanical Technical Support Engineer

Job Description :

- Led the Mechanical office team, managed all 3 separate packages simultaneously and coordinated with clients, consultants in providing technical inputs & managed the Technical Office activities.
- Prepared all shop drawings using AUTOCAD in consideration with the contract, BOQ and relevant codes.
- Studied Tender drawings, specifications, related codes and standards, tender pricing and technical letters.
- Prepared and submitted as built drawings and O&M manuals to consultant for approval.
- Followed up the works at site regularly and reviewed project progress and the availability of required labor, material and equipment at site, in order to ensure the works move smoothly.
- Performed material survey, consultant contacting, Technical RFIs, Letters and correspondence.
- Conducted internal meeting on weekly basis for mechanical team (Supervisors & foremen) to update the progress achievements and assigning new targets.
- Key Highlights:
 - Single handedly finalized all work-shop-drawings for Phase #1 of the awarded contract, before 6 months of the scheduled time.
 - Promoted from Junior to Intermediate Engineer on completion of

1 year service, with a total experience of 3 years, which is career record.

- Maintained a lead in all activities of site works by ensuring timely supply of material, drawings and supporting technical paper works, which helped the project management team, consultant and client to complete the project earlier.
- Had to leave the company due to personal reasons with no hurt feelings and the management expressed their feelings through appropriate words mentioned in the relieving letter and professional certificate.

- Dates** : From Apr. 2008 till Aug. 2009
- Employer** : ConTrack-Watts International Co.
- Project** : MARASSI (Sidi-Abdul-Rahman, Mediterranean North Coast - Egypt):
- Installing Full Domestic and waste water underground infrastructure network.
 - All mechanical & plumbing work of 250 villas, 2 mock-up villas, 50 Townhouses.
 - All mechanical & plumbing work at the Beach Club House contains 4 swimming pools, 2 spas, 50 bathrooms, 10 A/C DX-units c/w ductwork, insulation, etc., Fire-Fighting networks.
- Job title** : Junior Mechanical Site Engineer
- Job Description** :
- Monitored site progress and quality of Mechanical works and compliance with approved shop drawings and installation schedules.
 - Worked as a Mechanical, Fire Suppression and Plumbing Site Engineer and ensured that all site activities are conducted under controlled conditions as per shop drawings, method statements, and specification and work plan.
 - Reviewed Shop drawings, Specs, Method Statements, Consultant comments etc.
 - Prepared Shop drawings for Fire Suppression networks.
 - Co-ordinated with MEP subcontractor both at site level and with subcontractor's engineers.
 - Monitored and reported site progress and ensured compliance with specification and drawings.
 - Oversaw the administration of contracts with vendors for the provision of services and equipment.
 - Followed the HSE Engineer's instructions on site and ensured strict compliance.
 - Responsible for all testing and commissioning of mechanical system on site.
 - Ensured smooth commissioning of the erected mechanical projects.
 - Prepared daily reports, site progress, labor & material status, IRs, site problems.
 - Key Highlights:
 - During the absence of senior officer who was on leave for 3 months, had the opportunity to take over his duties and manage all the project activities efficiently, without giving any opportunity to feel the senior officer's absence.
 - Received 2 advance increments and 3 Bonuses during the one-year period in appreciation of the efforts put in to progress the

project, even by working day and night.

- In recognition of the remarkable performance, management transferred to the new project, to take over Orascom Construction Industries, after scope of work completion based on the recommendation of project consultant.
- Finished scope of works 6 months ahead of the project scheduled date, and received a letter of appreciation from the client in recognition of the remarkable progress achieved.
- Gained valuable first-time work experience in the infrastructure and plumbing works and the MEP and project manager had expressed appreciation about the activeness.

- Dates** : From Jun. 2007 till Apr. 2008
- Employer** : OMEGA for Contracting, Alexandria – Egypt
- Projects** :
- SUMED (New Admin Building, Laurant branch, Alexandria): 6 Central DX system (24 T.R each) c/w duct work and Wet fire suppression system (Sprinklers, Fire Cabinets, Fire water pump rooms and water tanks), Co2, FM200
 - ANRPC (The new administrative building): 12 Central Concealed DX units (150 MBH each) and Wet firefighting system (Sprinklers, Fire Cabinets, pipe network), FM200 firefighting system
 - All Tender Works, Technical Office work including work shop drawings, material submittals, material take-offs, vendors contracting, paper works.
 - BIBLIOTHECA ALEXANDRINA (The additional Load and annex): Chilled water system consists of two 250 TR chillers each, 3CHW. Pumps, 7 Down flow AHUs, 10 FCUs, Duct works, Insulation, ...etc.
- Job title** : Junior Technical Office & Site Mechanical Engineer
- Job Description** :
- Responsible for Timely and Quality Execution Work of multiple mechanical projects at any point of time.
 - Handled all Tender and Technical Office work for the projects running simultaneously.
 - Preparing Project Schedule either in Excel or Microsoft project Professional.
 - Coordinating with Engineering Team to get construction drawings approved with Engineers, Projects Team and Customers.
 - Coordinated with Material Management Team for appraising material availability and consumables shortage at project Site and getting them delivered.
 - Prepared Daily Progress report and sent across to the senior officers for perusal.
 - Key Highlights:
 - Being the first job, had the opportunity to learn a lot about the project execution.
 - Finalized and delivered to client one in-hand project (SUMED), well in time.
 - Had the opportunity to finalize all tender works of the one of the biggest projects Company was awarded i.e. "BIBLIOTHECA ALEXANDRINA (The additional Load and annex)".

- Field of experience :**
- Extensive experience of about 16 years in handling major projects of Construction, Commissioning and Maintenance of mechanical equipment and systems in mega projects with reputed establishments World Wide; proven expertise in commissioning and maintaining a wide variety of mechanical systems such as HVAC Systems, Building Automation/Management Systems, Fuel Systems, Waste Water Treatment Plants, Fire-Suppression/Plumbing, etc. and managing Mechanical System projects of US Overseas Embassies/Consulates Program, Military Air Bases, Mega Real Estate Projects, Renovation Projects etc. Possess a long track record of ensuring timely completion of a number of projects with highest quality, within budget by effectively organizing, managing and utilizing all the available resources; able to efficiently lead teams to undertake execution and commissioning of major mechanical oriented projects; always willing and wanting to be associated with all aspects of project cycle and confident of delivering high end projects; strong work ethics with ability to work under pressure and take on difficult and complex challenges. In pursuit of new endeavors, to utilize the acquired skill and competencies gained over the years.
 - AREAS OF EXPERTISE:
 - Mechanical Commissioning.
 - Technical Support.
 - Project Execution & Supervision.
 - Team Leadership & Management.
 - Project Management of Mechanical systems.
 - Material & Equipment Selection and Submittals.
 - Operation Troubleshooting.
 - Methods Statement.
 - Client Relations.
 - Maintenance Management.