

Holds a B. Sc. in Mechanical Power Engineering and PMP. Has about 36 years hands-on experience working in EPCM Petrochemical Projects, on-shore and off-shore.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/01/1960
Gender : Male
Marital Status : Married
Residence : Heliopolis, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Menoufia University, 1983

LANGUAGES

Arabic : Native Language
English : Good
Russian : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Primavera
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: Computer course in planning, Progress monitoring and cost control using the following software packages: Primavera P3, Time line, open plan, Lotus 123, Quattro Pro and Microsoft Office.
: Level II Certification in radiography and film interpretation according to API and Magnetic test, with Authority as Qualified Quality Control Engineer to accept or reject non destructive test (NDT) according to American Petroleum Institute standard (API).
: PMP (Project Management Professional) Course, CAMBRIDGE Educational Institute, UAE, Abu Dhabi (Mar./Apr. 2008).
: Risk Management Seminar, UAE, Abu Dhabi (Mar. 2008).
: Communication and Leadership Seminar/Workshop in UAE, Abu Dhabi, NPCC (Mar. 2005).
: Team Work and Team Building Seminar/Workshop in UAE Abu Dhabi (Jun. 2004).

- : Delegation Seminar/Workshop in Republic of Kazakhstan (Aug. 2002).
- : American language course up to advanced level 2800.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2015 till now
- Employer** : GS Engineering & Construction, Seoul – Korea
- Projects** :
 - Mostorod Refinery, Cairo (from Feb. 2017 till now)
 - Bahrain LNG Import Terminal Project in Manama, Bahrain (from Sep. 2015 till Jan. 2017)
- Job title** : General Construction Manager
- Job Description** :
 - Responsible of Bahrain LNG Import Terminal Project Construction in Manama, Bahrain Kingdom.
 - Work site: Head Office GRANE SEOUL then Bahrain Manama.
 - Manage construction works, including the following activities:
 - Review and approve engineering documents (Specification, drawing, 3D module).
 - Prepare and issue tender document (ITB) to subcontractors for Temporary facilities including offices, camp, warehouse, shops, clinic ...etc. then technical clarification, technical evaluation, commercial evaluation and subcontract agreement.
 - Prepare tender document (ITB) for permanent construction works, issue to subcontractors in conjunction with Proposal team then technical clarification, technical evaluation, commercial evaluation and subcontract agreement.
 - Constructability plan/program in conjunction with Constructability team at Head Office.
 - Prepare, issue and review QA/QC document including ITP, Procedure and QA/QC Plan.
 - Prepare and issue construction documents including Construction Execution Plan, construction resources (manpower, Equipment & Tools) plan, Method of statement and heavy lifting plan.
 - Prepare detailed construction schedule Level IV including interface management Plan.
 - Manage and supervise construction works and subcontractors at site on daily basis including daily/weekly meeting and reports to management, monitoring resources (manpower, equipment, tools and consumable materials), mobilization, demobilization, follow up construction subcontractors.
 - Manage, supervise and monitor safety requirement at site according to Project HSE Plan including daily and weekly consolidated tool box talk.
- Dates** : From Sep. 2012 till Aug. 2015
- Employer** : Egyptian Ethylene and Derivatives Company (ETHYDCO)
- Project** : ETHYDCO Complex, consists of Ethylene plant, Polyethylene plant, Butadiene plant, Polybutadiene plant, Utility plant, Chemical bulk storage, Fire fighting, MP/LP steam, Industrial water treatment, Power distributionetc.
- Job title** : Director of Construction / Project Site Manager

- Job Description** :
- Project Site Manager / Construction Director, manage EPC JV main contractor (TOYO/ENPPI) including handling, review and approval of engineering and construction documents (3D module, constructability plan, IFC drawings, method of statement, procedures, ITP, QCP, heavy lifting plan, HSSE plan).
 - Purchase orders issuing, arrival of equipment and materials to site.
 - Preservation/storing of equipment, instrument and goods at main warehouse.
 - Construction works at site (civil, Buildings, Roads, mechanical (piping, steel structure, tanks, spherical tanks, hydro test, direct handling of equipment installation such as Cracking heaters, Columns, HP Boilers, Turbines, Compressors & Pumps), electrical & instrumentation).
 - Project control including progress monitoring review analysis, weekly meeting, Permit to works.
 - Monitoring resources (manpower, equipment, tools and consumable materials), mobilization, follow up construction subcontractors, project control including regular daily, weekly & monthly reports, Pre-commissioning, demobilization, manage company site staff and facilities.

Dates : From Jul. 2009 till Aug. 2012

Employer : Petrofac International – UAE, Oman & Turkmenistan

- Projects** :
- Turkmenistan, South Yoloten, 75 km South-East of the provincial capital Mary (from Oct. 2011 till Aug. 2012):
 - The project consists of the installation of facilities to produce 20 BCMA of sales gas from 25 production wells including Central Processing Facility (CPF), Export pipeline 56"φ 100 Km, Wellhead control and safety systems, Flowlines 58 Km, Gas Treatment Units (4 GTUs), Trunklines 136 Km, Power plant, 35KV & 10KV OHLs, Water intake facilities, Condensate and sulphur loading facilities via rail, Infrastructure including roads, railway and buildings.
 - Concrete 80,000 CM, Steel structure 24,000 Tons, Piping 1.4 million ID, Electrical cable 3500 Km, Instrument cable 2,500 Km, Paving 25,000 SM.
 - Contract Value: US\$ 3.4 Billion
 - EPC FFD ASAB Project, ASAB, Abu Dhabi, UAE (from Jul. 2009 till Sep. 2011):
 - Petrofac, the international oil & gas facilities service provider, will provide engineering, procurement and construction (EPC) services to upgrade the production capacity of the Asab field in 44-month lump-sum contract to increase its production and achieve the committed 1.8 million barrels of oil per day includes upgrading the facility's capacity to accept increased production from Sahil, Shah and other south east fields and to upgrade the associated utilities and water handling facilities.
 - Summary project quantities: 212,301 CM Reinforced concrete, 675,446 Inch meter GRE UG piping network, 36,591 Tons steel structure, 959,843 Inch dia AG piping network, 13,616 Tons equipment, 30,738 NOS pipeline joint welding, 360,938 meter pipeline lowering, 2,780 Km electrical cables, 42,816 NOS electrical cable termination count, 2,971 Km instrument cables, 206,874 instrument cable termination count, 18,340 instrument cable loop

- count.
- Contract Value: US\$ 2.3 Billion
- Job title** : Senior Manager of Construction
- Job Description** : Senior Construction Manager, in charge of CMEI (Civil, Mechanical, Electrical and Instrumentation) works of CDS (Central Degassing Station), Inlet Facilities, Flowlines 12" ϕ CS 3LPP, Trunklines 24" & 20" ϕ CS 3LPP, 6" ϕ CS, 4" ϕ SS, 4" ϕ Alloy 825 Thermal Insulation, 35KV & 10KV OHL; including the following Job description:
- Perform on-site management, supervision and coordination of all self-performed and subcontracted works.
 - Execute field construction activities in conformance with contract, schedules, cost estimates, procedures, quality requirements and safety standards.
 - Control project schedule and cost through the efficient use of all construction resources including manpower, materials, tools and equipment.
 - Review design scope and approach with regard to constructability and submits recommendations for change.
 - Monitor productivity and cost and implements appropriate action to maintain maximum labour productivity and cost-effectiveness.
 - Control change/scope creep, ensuring that all scope changes are quickly and properly documented and that change orders are approved prior to the performance of work.
 - Implement the site safety and security procedures and project work rules.
 - Playing an active role in the development of the safety culture on the project, making safety a natural part of all work performed.
 - Manage the contractual commitments of contractors, including cost, quality and schedule and coordinates their field activities.
 - Plan and manage the project's temporary facilities.
 - Maintain quality of all work in accordance with the standards as specified in the design documents.
 - Maintain effective construction equipment use and maintenance program.
 - Maintain an effective plan for the supply and control of tools and supplies.
 - Administer, train and motivate all personnel in construction operations through the superintendent and foreman levels.
 - Remain knowledgeable of safety policies and procedures and performs assigned duties in a safe manner and while supervising others, has responsibility for their safety and ensures that they comply with established safety policies and procedures and practice safe work habits.
- Dates** : From May 2007 till Jun. 2009
- Employer** : Consolidated Contractors International Company LLC – Abu Dhabi, UAE
- Project** : Habshan Gas Complex Expansion Project (Abu Dhabi, UAE):
- The Primary objective of the project is to process 350 MMscfd of associated Gas from Bu Hasa and Bab Reservoirs to produce condensate and NGL's.
 - Phase I of the project (EPC Package No.1) encloses the installation of

two additional Sulphur recovery units, acid gas enrichment, MP and HP gas pipelines, gas compression, condensate stabilization, sour water stripping, additional utilities and infrastructure.

- Major Quantities: 40,000 CM concrete, 6,000 SM Building, 13,000 tons Structure steel, 12,500 tons Piping, 10,500 tons Equipment, 1,200 Kms Cables E&I.
- Contract Value: US\$ 982 Million
- CCC Scope of work: Construction, 30% Procurement and EPC of Buildings.

Job title : Construction Manager

Job Description : HGCE Area Construction Manager; managing, supervision and coordination among different disciplines (Safety, Civil, Mechanical, Electrical, Instrument and subcontractors) and in charge of the following:

- Self performed mechanical Construction works including Equipment installation, steel structure, Piping Fabrication and Erection activities up to 60 inch diameter of Interconnecting Pipe Racks Unit 177, Feed Gas Compressors Unit 113S, Acid Gas Enrichment unit 133 and Sulphur Recovery units 152 &153 (about 7,600 Tons).
- Subcontracted works including issue subcontract tender documents, technical and commercial evaluation; prepare subcontract agreement document and implemented contract articles, condition, scope of work, supplements, invoices and responsibilities during project execution according to specification and HSSE plan.

Dates : From Jun. 2005 till May 2007

Employer : Consolidated Contractors Company LLC – Oman

Project : Isomerisation & Refinery Revamp Project (Mina Al-Fahal, Muscat, Sultanate of Oman):

- The Scope of work covers the EPC of a new Penex Unit of 10225 BPD, Revamp of Crude Desalination Unit from 85000 BPD to 100000 BPD, Revamp of Naphta Hydrotreating Unit of 28700 BPD, Revamp of Naphta Splltter Unit of 26900 BPD, Revamp of Tall Gas Unit to a capacity of 300 BPD, Oman LNG C5/C6 Condensate Import/Storage/Pumping and Associated New/Revamp Utilities and Off-site Facilities.
- 160 Pieces of Equipment, 1700 Ton Piping and supports, 460 ton Steel structure, 265 Ton U/G CS Cement Lined, 2 Condensate storage Tanks each 50000 cubic meter, 7000 Cubic meter Concrete, 15000 cubic meter Earthworks Excavation and Backfill, 10500 cubic meter Formworks, 32000 meter Electrical and Instrument Cables, 64000 meter Trays and Conduits.
- Contract Value: 86 Million US \$
- CCC Scope of work: EPC (Engineering, Procurement and Construction) Contract.

Job title : Green Field Area Manager / Senior Project Engineer

Job Description : Green Field Area Manager and direct handling the mechanical construction works as the following:

- Piping Erection activities of Greenfield Area / Penex unit including carbon steel, stainless steel and galvanized pipe work for various application such as various temperature, insulated, non insulated, Cement Lined. Erection to equipment, pipe rack, T-post, sleepers, and Tie - ins with existing Plant. Erection of piping accessories including

- valves, filters, Strainers, flow elements, silencers, etc.
- Steel Structure Erection activities for all Project including new Pipe Rack, Existing pipe Rack extension and modification, Technology structure, Reactors structure, Compressor shed, Substation Building, Stabilizer structure, Equipment Platforms, Stanchions and Supports.
- Planning for required Manpower/Manning schedule, Equipment, Tools, Consumables materials, minimum stock at main store and mobilization schedule.
- Hydrotest Section for all Project including tracking of Test Packs (among Engineering, construction, QC, Owner and Test Crew), Flushing, Testing activities at site, system master punch list and handed over to Certification Department.
- Managing the following subcontractors:
 - Vijay Tanks Company, EPC subcontractor to Build two new Tanks T-9803 & T-9804, 30 mt diameter, 16 meter high, fixed roof with Internal floating deck and Revamp of four Existing Tanks.
 - Bilad Oman Company, Subcontractor of steel structure Fabrication.
 - OTSC (Overseas Technical Services and Coating Company), Subcontractor of Painting Works.
 - BEC (Bahwan Engineering Company), Subcontractor of HVAC works.

Dates : From Oct. 2003 till Apr. 2005

Employer : Consolidated Contractors Company LLC – Oman

Project : Oman-India Fertilizers Plant Project (Sur, Sultanate of Oman):

- Ammonia Plant - 2 Trains 1,750 tons/day each.
- Urea Plant - 2 Trains 2,530 tons/day each.
 - 1095 Pieces of Equipment, 6 467 Ton A/G Piping Fabrication, 9 194 Ton A/G Piping Erection, 4560 Test Packs, 969 Pipe supports Fabrication 8 028 Steel structure Erection, 961 Ton U/G CS Gravity Piping Fabrication and Erection, 25 947 U/G RTR Piping Erection up to DN 3000 mm, 93 129 Cubic meter Concrete, 23 Buildings including 15 843 Concrete, 114 787 Square meter Paving, 873 Km Electrical Cables, 976 Km Instrument Cables.
 - CCC Contract Value: 163 Million US \$
 - JV Scope of Work: Engineering and Procurement.
 - CCC Scope of work: Construction Works.

Job title : Section Head (Testing, Pre-commissioning & Reinstatement)

Job Description : Managing Hydrotest, Pre-commissioning and reinstatement sections including the following activities for above and under Ground Piping Network, Pipe Lines and Tanks:

- Engineering Phase:
 - Prepare the Pressure Test Packs (based on mark up system dossier boundaries supplied by Designer/Client) including:
 - Mark up P & IDs, defining the test boundaries/ Limits, test medium and pressure.
 - Isometric(s), included in the scope of the test pack.
 - Line Designation Table.
 - Blank Forms as per Pressure testing QCP (Quality Control Procedure).
 - Signed off ICS (Isometric Control Sheet) from QC.
 - Red Line mark-up Isometric.

- Feed Data to Computer Network “Talisman” system as per ISD Procedure.
- Prepare Flushing/Cleaning and Drying Procedures.
- Prepare Hydro and Pneumatic Test Procedures and Method of Statement.
- Material, Tools and Equipment needed for test including surveying and issuing Requisitions to Procurement Department and Bid Evaluation to issue Purchase Order.
- Tracking of test Packs among different departments (Engineering, Construction, QC, Client, Owner and Hydrotest) as per approved flow diagram/chart till complete testing, clear punch list items and hand over to Certification department.
- Site Construction Phase:
 - Flushing Pipe Lines systems including Cleaning and Gauging Biggs.
 - Prepare Piping Test Packs/Loops for Testing including install Test Manifolds, Filling and High Pressure Pumps, Pressure and Temperature chart Recorders, PSV's, Pressure Gauges, Hoses, Bolts, Gaskets, Spectacles, Spades, Blind Flanges and Test Limits.
 - Filling water, raising pressure and Hydrotest or Testing as per Procedure.
 - Tanks settlement Hydrostatic test as per Method of statement and procedures.
 - De-watering Lines.
 - Drying Activities.
 - Purging Activities.
- Quantities, Manpower & Equipment:
 - Quantity: 4000 Test Packs represent (1 500 000 Inch meters – 400 000 Inch dia. – 300 000 Linear meters – 9 500 000 Weights).
 - Manpower : 132 employees (3 Engineers, 1 G/F, 8 Forman, 14 C/H, 14 Pipe fabricator, 42 Pipe Fitters, 2 Welders, 27 Helpers and 14 Labours, 7 drivers).
 - Equipment:
 - 1 High Pressure Pumps 10 000 PSI.
 - 6 High Pressure Pumps 230 bar.
 - 8 Manual Hand Pumps 250 bar.
 - 8 Filling Pumps.
 - 4 Compressors 750 CFM (2 of them 20 bar).
 - 2 Water Tanker (9 cubic meter).
 - 1 HIAB (Truck with Crane).
 - 4 Mobile Water Tanks (3 cubic meter).
 - 1 Welding Machine.
 - 1 Threaded Machine, 1 Mini Bus, 3 Pick-ups, & 1 Saloon Car.

Dates : From Feb. 2002 till Oct. 2003

Employer : Consolidated Contractors International Company (C.C.I.C) – Kazakhstan

Project : Krachaganak Development Project (Aksai, Kazakhstan):

- 918 Pieces of Major Equipment, 100,000 Cubic Meters of Concrete, 12,800 Tonnes of Steel, 160 Buildings, 400,000 meters of Pipe., 32,000 Valves, 1,500,000 meter of Power Cable, 1000,000 meters of Instrument Cable, 9,000 Field Instruments, 21 Substations, 33 Switchgear/MCC's, 66 Transformers, 11 remote Manifold stations, 93 New Wells, 711 Km Infield & Export Pipelines, 30 Km Railway, 12 Km new Roads, 75,000

Engineering and Vendor Deliverables.

Job title : Section Head (Testing, Pre-commissioning & Reinstatement)

Job Description :

- Contract Value: 1.6 Billion US \$ (CCC - Saipem Consortium)
- Managing Hydrotest, Pre-commissioning and reinstatement sections including same activities of Oman-India Fertilizers Plant Project.
- Quantities, Manpower & Equipment in my Organisation at KPC:
 - Quantity: 4292 Test Packs represent (1,253,366 Inch meter – 452,960 Inch dia. – 335,063 Linear meter – 9,900,180 Weight).
 - Manpower: 185 Persons (5 Engineers, 3 G/F, 8 Forman, 18 C/H, 15 Pipe fabricator, 110 Pipe Fitters, 2 Welders, 24 Helpers and Labours).
 - Equipment:
 - 2 High Pressure Pumps 18000 PSI.
 - 2 High Pressure Pumps 10000 PSI.
 - 6 High Pressure Pumps 180 bar.
 - 8 Manual Hand Pump 200 bar.
 - 10 Filling Pumps.
 - 2 Compressors 1200 CFM.
 - 4 Compressors 750 CFM (2 of them 20 bar).
 - 2 Water Tanker (9 cubic meter).
 - 1 HIAB (Truck with Crane).
 - 4 Mobile Water Tanker (7 cubic meter).
 - 2 Welding Machines.
 - 1 Tractor, 2 Threaded Machines.
 - 3 Mini Busses, 4 Pick-ups, 5 Saloon Cars.

Dates : From May 2001 till Feb. 2002

Employer : ABB Petroleum Technology – Egypt

Job title : Senior Planning, Cost Control Engineer & Deputy Project Manager

Job Description :

- Responsible of planning of basic Engineering, detailed engineering, procurement and construction works including producing Overall schedules, Detailed Schedules, Progress monitoring and measured Plan against actual by recording time spent against activities and physical achievements presentation and collection of Information for projects management including Bar charts, S -Curves, Logical networks, cost reports, man hours break down, cpm, histograms and analysis which enable management to correct deviation from project critical path.
- Responsible of Cost Control including Accrual reports, Cash Call Reports, Progress Reports, Budget analysis, Cost Break Down Reports, Coding and registering invoices, Expenditure analysis reports for projects management which enable management to correct the Expenditure deviation.
- All of the above were performed using PC computer with the following software packages; Primavera P3, Microsoft Project, Excel, WinWord and Power Point.

Dates : From Apr. 1997 till Apr. 2001

Employer : U.S. Filter Permutit – Egypt

Job titles : Procurement Department Manager / Senior Project Engineer

- Job Description** : • Procurement Department Manager (from Jun. 1999 till Apr. 2001): Responsible of Establish and Commence of Procurement Department including Procedures, Organization and New hire employee including the following activities:
- The local and foreign purchasing operations including Inquiry, Tender, collecting offers, Price negotiations, Purchase orders, Payment, Insurance, Transfer the goods to site in coordination with the Warehouse department.
 - Setting the purchasing policy, procedures including print out blank forms design, purchasing cycle, payment agreements in coordination with Financial Dept.
 - Developing the production of national components including supervision and QA/QC Inspection.
 - Conduct market studies and develop suppliers network professionally including decide main supplier for each commodity and perform agreements.
 - Negotiating and controlling contractual and commercial matters.
 - Projects Department Central Planning, Scheduling using computer software Packages; Primavera (P3 rev. 2.0b), MS Project.
- Senior Project Engineer in Engineering Department (from Apr. 1997 till Jun. 1999): Responsible of Water, Waste water, Chemicals treatment plants projects starting from receipt of the order into the company, through to the completion, final Handover to the client, and to the end of the warranty period including the following activities:
- Review of Engineering works and approved Design Documents and Drawings.
 - Project Planning, Scheduling and cost controlling using computer software Packages; Windows 98, Primavera (P3), MS Project, Microsoft Office (Excel, MS Word).
 - Review contract specifications.
 - Purchase of foreign and Local equipments and materials (Piping, Steel structure, Electrical, Instrumentation...etc.) including Tender, Offer, issue Purchase orders and Assign contracts for suppliers and subcontractors of Civil, Mechanical, Electrical and Instruments Construction works.
 - Management of the activities of assigned contractor engaged for the execution of plants construction works including Fabrication and Installation of piping, steel structure, tanks, pressure vessels, Hydrotest, Commissioning and start up Activities.
 - Supervising construction works of the plants, conducting regular site visits, attending to problems, and ensuring that works performed are according to contract terms.

Dates : From Mar. 1996 till Mar. 1997

Employer : Geisum Oil Company – Egypt

Job title : Senior Planning & Cost Control Engineer

- Job Description** : • Responsible of Cost Control including Accrual reports, Cash Call Reports, Progress Reports, Budget analysis, Cost Break Down Reports, Coding and registering invoices, Expenditure analysis reports for projects management which enable management to correct the Expenditure deviation.
- Responsible of planning including producing Overall schedules, Detailed

Schedules Progress monitoring and measured Plan against actual by recording time spent against activities and physical achievements presentation and collection of Information for projects management including Bar charts, S -Curves, Logical networks, cost reports, man hours break down, cpm, histograms and analysis which enable management to correct deviation from project critical path.

- Responsible of subcontractor including issue subcontract tender documents, technical and commercial evaluation; prepare subcontract agreement document and implemented contract articles, condition, scope of work, supplements, invoices and responsibilities during project execution.

Dates : From Oct. 1995 till Jan. 1996
Employer : C.C.I.C. – Malaysia
Project : NO. 1 PTA UNIT (Kawasan Industrial Gebeng – Kuantan):

- Process Facilities: Comprises of Main Process Area (ISBL) and OSBL which is divided to 10 Blocks.
- MECHANICAL WORKS: Piping fabrication 2,340 Tons (199500 Inch Dia.), Piping Erection 3188 Tons, Pipe support 200 Tons Fabrication and Erection, Steel Structure 3279 Tons, Equipment installation 5200 Tons, Painting 300,000 SQM, Insulation 58,350 SQM.
- Two Pipe Lines totaling 10" diameter C.S. & 4" diameter S.S.
- Thirteen Tanks totaling 2036 Tons.
- Associated control, Maintenance and Switchgear buildings (total 9 Buildings).
- Fabrication shop for all A/M Responsibilities included fabrication of piping spools, pipe supports, sand blasting and painting.

Job title : Section Head mainly Piping Erection
Job Description : Responsible of OSBL Mechanical Construction works including Piping Erection, Equipment Installation and Steel Structure Erection.

Dates : From Oct. 1993 till Oct. 1995
Employer : C.C.I.C. – Abu Dhabi, UAE
Project : HABSHAN OGD 545 Project (ABU DHABI - U.A.E.):

- Sulphur Recovery Units 52, 53 & 54 at BAB HABSHAN, NEW GAS COMPRESSION FACILITIES for Thammama B and New gas processing facilities at existing BAB HABSHAN installation.
- Process Facilities: Comprises of Main Process Area train 1,2 & 3 and Sulphur MECHANICAL WORKS: Piping fabrication 11, 554 Ton, Piping Erection 26, 331 Ton (37200 MR.), Pipe support 2000 Ton Fabrication and Erection, Steel Structure 13000 Ton, Equipment installation 27,611 Ton, Painting 82600 SQM, Insulation 185000 SQM, Welding 1,532,500 inch diameter (487, 000 joints).
- Off-site Facilities: Six new Condensate storage tanks and transfer facilities at Ruwais refinery.
- Six Pipeline totaling 250 KM/10" - 30" Diameter.
- Associated control, Maintenance and Switchgear buildings (total 26 Buildings).
- Fabrication shop for all A/M Responsibilities included fabrication of piping spools, pipe supports, sand blasting and painting.
- Contract Value: 1.3 Billion US \$ (C.C.I.C. & J.V.)

- Job title** : Mechanical Section Head, mainly Piping Erection of Sulphur Recovery Units 52, 53 & 54
- Job Description** :
- Responsible of Piping Erection including carbon steel, stainless steel and galvanized pipe work for various application of Sulphur Recovery Units 52, 53 & 54 such as various temperature, insulated, non insulated, FBE, Aluminised, Jacketed lines and steam jump over, internal and external coated. Erection to equipment, pipe rack, T-post, sleepers, and Tie - ins with existing Plant. Erection of piping accessories including valves, filters, Strainers, flow elements, silencers, etc. All of these were performed on various size of pipe up to 48" diameter inch.
 - All A/M were performed with accurate records, accurate filing systems and accurate control sheets by using PC Computer.
 - Responsible of Fabrication and Erection of steam Manifold (STSM & STCM) and Steam Tracing job (Tracers (12 & 20 mm Stainless Steel Tubes), TFK Channel, heat transfer cement, stainless steel band, Dekoron (Pre-insulated Stainless Steel Tubes), etc).
 - During shut down responsible of Tie-ins, Demolish, Maintenance of Equipments and Modification of Existing piping systems.
 - All the project carried out as per ISO-9000 standards system and following the project procedures: feed data to Talisman on daily basis, prepare 3-week Lock Ahead schedule on weekly basis:
 - QCP: Quality Control Procedure.
 - ITP: Inspection and Test Plan.
 - RFF: Request for Fabrication.
 - FMR: Field Material release.
 - DR: Discrepancy Report.
 - MS: Method of Statement.
 - SD: Site Discrepancy Report.
 - CAR: Corrective Action Report.
- Dates** : From Jan. 1992 till Aug. 1993
- Employer** : C.C.I.C. – Saudi Arabia
- Project** : Hawiyah Project (Western Area, KINGDOM OF SAUDI ARABIA):
- Three Gasp's 2,3 & 4 each Gasp consists of wet crude handling and GAS GATHERING, Flow lines, Manifold station off-plot lines and Production FACILITIES, Fabrication shop for the three Gasp's, Responsibilities included fabrication of piping spools, pipe supports pipe rack, platforms, sand blasting and painting.
 - Contract value: SR. 650 Million
- Job title** : Mechanical Construction Engineer, mainly Piping Fab. & Erection
- Job Description** :
- From Jan. 1992 till Feb. 1993:
- Responsible of Piping Fabrication shop included fabrication of Carbon steel, Stainless steel, Duplex piping spools for various applications of three Gasp's, i.e. various temperature, FBE, Internal and External coating, sandblasting and painting.
 - All of these were performed on various size of pipe up to 42" diameter inch.
 - All A/M were performed with accurate records, accurate filing systems and accurate control sheets by using PC Computer and the following facilities:
 - Piping Fabrication Shop:
 - Quantity: 300,000 Inch Diameter (15 Thousand spools).

- Manpower: 230 Persons (Forman, Pipe fab., Pipe Fitters, Welders, Grinders, Helpers and Riggers).
- Equipment: 2 Overhead Cranes, 1 Tower crane movable on rails, 1 Vernon "Pipe Cutting" Pantograph, 1 Automatic Welding Machine, 90 Welding Sets, 2 Trailers.
- Sand blasting & Painting Shop:
 - Quantity: Sandblasting and painting A/M Quantity.
 - Manpower: 40 persons (Forman, Sand Blasts, Painters, Helpers).
 - Equipment: 5 Compressors 750 cfm, 10 Sand Pots, 2 Compressors 250 cfm, 4 Airless Spray, 2 Forklifts - 5 Tons, 2 Cranes - 35 tons.

From Feb. 1993 till Aug. 1993 (Hawiyah GOSP2):

- Responsible of Piping erection for Gas Gathering and wet crude handling, including:
 - Carbon steel, stainless steel, galvanized pipe work for various applications i.e. various temperature, insulated, non-insulated, FBE, Internal and external coated Erection to equipment, pipe rack, T-post, sleepers, and Tie - ins with existing Plant. Erection of piping accessories including valves, filters, etc. All of these were performed on various size of pipe up to 36" diameter inch and was also included under ground piping systems.
 - During shut down responsible of supervision Tie-Ins, demolish and modification of existing piping systems and bridles - Also - demolish of existing Manifold and Installed new Manifold station 36" - 1.6" WT and joining with plant flow lines.

Dates : From May 1990 till Jan. 1992

Employer : PETROJET – Egypt

- Projects** :
- From May 1990 till Jan. 1991 (NAQ-2 Platform):
 - NORTH ABU QIR PHASE II OFFSHORE GAS PRODUCTION PROJECT Fabrication of Jacket, Deck (Cellar, Main, Heli deck), Piles, Boat landing, Riser guards, Riser clamps, Barge Bumper, Bridge, Vent Boom, etc. And also the manufacture of 12" concrete coated sea Pipeline).
 - From Jan. 1991 till Jan. 1992 (NAQ-2 (2.1.1 Platform) TOP SIDE FACILITIES):
 - Equipment Decks, Vent Boom - Comprises of: Piping Fabrication & Erection, Pipe Supports Fabrication & Erection, Equipment installation and Electrical & instrumentation works, etc.
 - From Jan. 1991 till May 1991 (Petrobel Platform MEP-2):
 - Fabrication of Jacket, Decks (Cellar, Main, Heli deck) Piles, Boat landing, Riser guards, Riser Clamps, Bumper, etc.
 - From Jun. 1991 till Jul. 1991 (Agiba Template):
 - Fabrication of Guides, Docking Piles, Clamps (Support clamps, centilitre clamps, auxiliary clamps) for three platforms (WHP-1, WHP-2 MPA PLATFORM).
 - From May 1991 till Jun. 1991 (Geisum Platform (Wp-B)):
 - Fabrication of conductors, Doubler Plates, Decks (Cellar, Main), Piles Boat landing, Riser guards, Riser Clamps, Barge Bumper, Piping fabrication & erection, etc.
 - From May 1991 till Jun. 1991 (Bapetco Platform (Gemsa)):

- Fabrication of conductors, Doubler Plates, Decks (Cellar, Main), Piles Boat landing, Riser guards, Riser Clamps, Barge Bumper, Piping fabrication & erection, etc.

Job title : Senior Planning & Cost Control Engineer, acting as Department Manager

Job Description :

- Responsibility for Management of projects planning, Progress monitoring and cost control which involved experience in producing Overall schedule level II for each component of the project which means that these components had to be related by weighting factors in order to calculate overall project progress and performance Producing level III network, cpm and schedules for use by construction engineers. Progress was monitored and measured against actual by recording time spent against activities and physical achievements presentation and collection of Information for project management including Bar charts, S - Curves, Logical networks, cost reports, Invoices, Accrual reports, man hours break down, cpm, histograms and analysis which enable management to correct deviation from project critical path.
- Responsibility for service contract including, plans and coordinate maintenance of existing platform including Demolish, tie-ins with new platforms, Modification of existing piping systems, repair and relocation of existing Equipment.
- All of the above were performed using PC computer with the following software packages; Primavera P3, Open Plan, Lotus 1-2-3, Form tool, Quick schedule, Word processor, Smart (Spreadsheet, Word Processor, Time management, Data management and communication), slide write, Quattro Pro, etc.

Dates : From May 1989 till May 1990

Employer : PETROJET – Egypt

Project : ABU SANNAN Condensate Recover Plant (Western Desert of Egypt), Process area, tankage area, flow lines and production facilities

Job title : Project Planning Engineer

Job Description : Responsible of project planning, progress monitoring and cost control including same activities of previous project in Malaysia.

Dates : From Dec. 1983 till May 1989

Employer : PETROJET – Egypt

Projects :

- Abu Sultan Power Plant
- Oil Field Development (SUCO)
- East Zeit Gas Gathering Facilities & Gas Sweetening Plant (ESSO)
- Ras Shoukier/Assiut Crude oil pipe line 350 km length, 22" diameter
- Gas Injection and L.P.G. Factory (SUCO)

Job title : Mechanical Construction Engineer, mainly Piping Erection

Job Description :

- Responsible of equipment installation i.e. vessels, Towers, vendor packages, turbo and diesel Generators, low pressure compressor (two), high pressure compressor (Three) - gas turbines (Ruston), exhaust system, lubrication oil cooling system and air intake system, heaters, Furnace, heat exchangers, pumps, compressors and columns.
- Responsible of Piping fabrication and erection including installation of all piping accessories such as valves, fillers, strainers... etc for various materials such as carbon steel, stainless steel, brass, galvanized . Sand

blasting, Painting, N.D.T. and hydrotest activities. All of these were performed on various size of pipe up to 30" diameter inch (blow down line). Under ground piping systems installation including wrapping and Hydrotest.

- Fabrication and construction/building of storage tanks (floating and fixed roof) up to 55000 CM including rolling shell plates, fabrication of floating roof, stairs way, handrail, nozzles, sand blasting and painting (internal and external).
- Hydrotest activities for Piping Network of Gas Gathering and wet crude handling, including same activities of Oman-India Fertilizers Plant Project, which mentioned in site construction phase.
- Pre-commissioning phase including troubleshooting, spot-checking repair or replacement any defective parts and regular maintenance and participate in start-up of the plant.

Field of experience :

- EPC Oil, Gas, Petrochemical, Refinery, Fertilizer & Water Treatment projects Green & Brown fields, onshore and offshore field management with 36 years wide overseas experiences; Lead a multi disciplines construction teams of civil works, Buildings, Roads, Land scape, UG GRE network, mechanical, E&I works including direct handling of equipment installation (Cracking heaters, Columns, Vessels, HP Boilers, Turbines, Compressors & Pumps), piping and steel structure fabrication and erection, pipe Lines, Manifold, flow lines, trunk lines, Spherical Tanks and tanks till we get MCC (Mechanical Completion Certificate).
- Hydro/Pneumatic test and pre-commissioning includes flushing, drying, pigging and purging activities.
- Project Control field: Planning, progress monitoring, cost control, Tender, Contract including review contract articles, condition, scope of work, invoices, and prepare subcontract agreement & supplements for subcontractors.
- Lead Commissioning, Operation and Maintenance team after Start up till hand over to client and get Initial Acceptance test Certificate, Performance Acceptance test, Plant Performance Acceptance test and Final Acceptance certificate.
- Deeply-founded experience with cultivating multi-cultural multi-national teams and countries: Saudi Arabia, UAE, Malaysia, Kazakhstan, Oman, Turkmenistan, South Korea and Egypt.
- Experience with managing a Multi Billions Dollar project workforce (~5000 workers) in rough environmentally conditions with too much attention for safety standard rules.
- Experience with various international codes and standards (ASME, ANSI, API, BS and GOST).
- Detailed experience: Director of construction, Operation and Maintenance works, manage EPC main contractor, Construction Contractor, Operation team, Maintenance team including handling, review and approval of engineering and construction documents (3D module, constructability plan, IFC drawings, method of statement, procedures, ITP, QCP, heavy lifting plan, HSSE plan); purchase orders issuing, arrival of equipment and materials to site; Preservation/storing of equipment, instrument and goods at main warehouse; Construction works at site (civil, Buildings, Roads, mechanical {steel structure, Tanks, spherical tanks, piping, Tie-ins, hydro test, direct handling of equipment

installation such as Cracking heaters, Columns, HP Boilers, Turbines, Compressors & Pumps}, electrical & instrumentation); Project control including progress monitoring review analysis, weekly meeting, Permit to works; Monitoring resources (manpower, equipment, tools and consumable materials), mobilisation, follow up construction subcontractors, project control including regular daily, weekly & monthly reports, Pre-commissioning, demobilization, manage company site staff and facilities.

- Skills:

- Ability to coordinate interface properly among different multiple disciplines and SCs in Multi Billions Dollar projects on safely manner.
- Direct experience in mechanical technical role, coupled with experience/skill in producing technical programs of work, materials and equipment in fabrication, manufacturing and construction environment.
- Ability to think ahead, plan and priorities workload.
- Ability to read, interpret and understand specification and drawings.
- High integrity, Self-motivates and ethical behaviour.
- Ability to work as a part of team, under pressure and deadlines with proactive approach to problems solving.