

Curriculum Vitae

Muhammad Kamran Nasir

Kamran_nasir@hotmail.com
Mobile# +66951236959

Asian Institute of Technology
Pathumthani, Thailand

1. EDUCATIONAL QUALIFICATION

Doctor of Engineering (<i>Construction Engg. & Infrastructure Mgmt.</i>)	AIT, Thailand
Master of Science in Engineering (Project Management)	NTNU, Norway
Bachelor of Science in Engineering (Mechanical)	UET, Lhr, Pakistan

2. PROFESSION *Project Mgmt., Construction Mgmt., Mechanical Engr.*

3. DATE OF BIRTH December 08, 1980

4. TOTAL EXPERIENCE 14 years

5. KEY AREAS OF EXPERIENCE

- Extensive experience at large projects, including international assignments, experience in management, project design, procurement, fabrication, installation and commissioning and relevant contractual aspects.
- Working knowledge of various mechanical engineering related standards & codes (ASME, ANSI, API, NEMA, ASHRAE etc.).
- Design review and site management/supervision of mechanical activities related to HVAC system, firefighting, plumbing, escalators/elevators, JP8 fuel decanting system, stationary and rotary equipment, underground and aboveground (pre-insulated, MS, PVC, HDPE) piping, with large consultant company and large contractors providing EPC services.
- Preparation of all technical deliverables necessary for the assigned projects including contract documents, specifications (material as well as equipment), BOQ, cost estimates for scheduled and non-scheduled Items, claims, method statements, acceptance test procedures and SOPs.
- Supervision of quality inspection functions and coordinating QC activities.
- Overall project management and ensuring project planning and monitoring (schedule, WBS, cost).
- Preparation of safety manual and safety plan.

6. WORK EXPERIENCE

Name of Employing Agency
Title of Position
Period of job

United Nations (UNESCAP), Bangkok
Senior Electro-Mechanical Engineering Assistant
Current job

Activities

- Prepared technical reports on buildings services systems; collected and compiled performance data; checked statistical data for accuracy; performed cost calculations; computed year to year operational performance of building systems, including Building Automation System, HVAC, Plumbing, firefighting systems, conveyance systems, etc.

- Prepared project execution plans for the pre-project and projects to be developed. Monitored, and as required coordinated, activities of contractors and other departments working at the project.
- Ensured that all lessons learnt, and experience gained in previous studies were capitalized on; including all findings from review were captured.
- Participated in the project evaluation reviews relevant to each project definition phase, including preparation of deliverables and follow-up of recommendations.
- Oversaw operations at the UNESCAP complex during shift periods as head shift.
- Handled the requests for electro-mechanical maintenance support and repairs.
- Generated appropriate work orders and blueprints, specifying the appropriate technical data, and dispatched them to the appropriate trade workshops to proceed with retro-fit work.
- Reviewed contractors' performance and invoices and assisted with cost recovery as required.
- Prepared the requests for supplies and contractual services and utility projections correspondence.
- Monitored the stock of electro-mechanical engineering supplies to ensure effective support.
- Coordinated at maintenance, retrofit and renovation projects on-site.
- Participated in budget projections for technical services.

Name of Employing Agency

AIT Solutions, Thailand

Title of Position

Mechanical/Piping Engineer (External Consultant)

Period of job

March 2014 December 2016

Activities

- Provided overall technical support on the piping design to the piping software development team, i.e. data mining from the piping standards especially ASME B 31.1, B31.3, related codes (B16.5, B16.8 etc.), API 617, NEMA SM23, manufacturing data of the valves, joints, springs etc., for preparing their libraries.
- Reviewed the quality for piping engineering capability in the program.
- Identified the queries in detail from other testers, external consultants and ultimately client, and guided the programmers accordingly for their incorporation in the program.
- Prepared technical documentation of the piping program.
- Developed and analyzed various models in the piping program and verified the results by benchmarking the standards/codes as well as other competitive piping programs.

Name of Employing Agency

NESPAK Engineers & Consultants

Title of Position

Senior engineer (Mechanical)

Period of job

August 2010 to October 2013

Activities

- Processed the submittals by benchmarking them with the contract specifications.
- Reviewed concept selection and pre-project & project documentation prepared by the engineering contractors.
- Performed cost estimation and supplier sourcing for the material and equipment according to the guidelines provided by the client.

- Prepared change orders along with their cost & schedule impact on the original contract cost and duration.
- Negotiated with the contractors regarding compensations for the variation orders.
- Reviewed the shop drawings and checked their consistency with tender drawings.
- Read contract instructions, project design basis, client's standards requirement, applicable codes and standards, local regulations and interpreted the requirements and conveyed the same to the contractors in the form of work instructions.
- Performed site supervision of assigned work including installation of Turbines, Compressors, Pumps, JP 8 fuel decanting system, HVAC System, Fire Fighting System, Escalators and Elevators, Repair of sliding gates of the barrage, above ground and underground piping, Hydro & Pneumatic testing.
- Participated in HAZID, HAZOP and risk reviews meetings in-house and with the client.
- Reported weekly progress in in-house developed reporting software.
- Prepared As built drawings and documentation based on site mark up.

Projects completed

- I) Bus Rapid Transit System Project, Lahore, Pakistan
- II) Depot Area at Metro Bus System, Lahore, Pakistan
- III) Power and Environment Up-gradation at Seven Core Sites in PTCL Network on Turnkey Basis, Pakistan
- IV) Improvement and up-gradation of Shahbaz Air Base Project, Jacobabad, Pakistan
- V) Lower Bari Doab Canal Improvement Project (LBDCIP) at Head Balloki, Pakistan

Name of Employing Agency
Title of Position
Location of job
Period of job

National Development Complex
Assistant Manager (Mechanical)
Islamabad -Pakistan
Nov 2004 to July 2008

Activities

As Assistant Manager (Mechanical) performed following activities in strategic projects:

- Quality Control/ assurance in manufacturing of strategic equipment & systems.
- Prepared status reports, activity budgets and supervising project teams.
- Prepared SOPs and Acceptance Test Procedures (ATPs).
- Ensured the work according to health and safety guidelines.
- Drew up the production schedules for different strategic projects.
- Monitored the production processes and adjusted the schedules as needed.

Name of Employing Agency
Title of Position
Location of job
Period of job

DESCON Engineering Limited
Piping Engineer
Abu Dhabi UAE & Lahore, Pakistan
May 2003 to Nov. 2004

Activities

- Performed the duties of Shut Down engineer (Mechanical) of the Gas Plant.
- Supervised the installation of above ground Piping for Natural Gas Distribution.
- Supervised Hydrostatic Testing of the piping.
- Supervision of Tie-In Points (44 Nos.) according to test packages.
- Assisted in the preparation of Method Statements.

Projects completed

Ethane Recovery Maximization (ERM) Project at GASCO, Abu Dhabi

7. PART TIME INTERNATIONAL WORK EXPERIENCE

Name of Employing Agency
Title of Position
Period of job

UN High Commissioner for Refugees
Interpreter
August 2016- July 2017

Activities

- To translate accurately and professionally, in a timely manner, documents in relation to Registration (REG), Refugee Status Determination (RSD), Resettlement (RST), Community Services and other Protection purposes for the UNHCR
- To interpret during REG/RSD/RST/CS/Protection interviews/counselling sessions of asylum seekers/refugees for other UNHCR Offices/ staff members and/or delegations of resettlement countries in Bangkok.
- To interpret in the context of various Protection information sessions, briefings, training and related sessions including on best interest determination, etc.

8. CERTIFICATES

- Prince2® Practitioner Certificate in Project Management
- Prince2® Foundation Certificate in Project Management
- International English language certificate (IELTS)
- Passed the United Nations Global General Services Test
- Short course in ISO 9001:2000- Pakistan
- Decision Making & Problem Solving- Pakistan
- PTW (Permit to Work) authorization certificate by the GASCO- UAE
- Applied project management in petrochemical projects- Thailand
- Construction Technology Management and Planning- Pakistan
- Process plant operations training certificate at DH fertilizer plant, Pakistan
- Multiple courses, such as Work Ethics, Performance Management, Human Rights, and Gender Equality etc. at United Nations

9. COMPUTER SKILLS

Autopipe, CSiPlant, MS Project, Primavera (average level), SPSS, Vensim, Amos, MS Office

10. RESEARCH ARTICLES

- i. System Dynamics Model of Contractual Relationships between Owner and Contractor in Construction Projects (*published by Journal of Management in Engineering - American Society of Civil Engineers*)
- ii. Project Flexibility: Contingencies in response to uncertainties (*published at NTNU Trondheim Norway*)