

Mahfooz Raza Alam B.Tech Civil Engineer

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Application for the Position of QA/QC Civil Engineer

I have more than 14 years of Experience in Multiple construction Projects i.e. Infrastructure work Expansion of Industrial Waste water Treatment Plant **IWTP8** Jubail , Performed Hot tapping operations on DN1000–DN1400 pipelines under live conditions without shutdown, Sewerage and Strom Water Line, 10 MW Solar PV Plant & Infra Structure,wet and Dry utilities, Concrete Reservoirs (Water Tanks), Steel tanks, Pumps stations, Roads, Roads,Piling, Stones columns,(Space Frame(Steel Structure) Administration & Economic college for female and Housing Villas.

Holding Approvals of (Marafiq Water & Power Company and Royal Commission for Jubail & Yanbu).

OBJECTIVE

I effectively apply myself in a professionally challenging environment in a manner that positively benefits the organization's goals and objectives and contributes towards my career development. Strength's future ability to contribute to team environment extensive interpersonal skills, ability to take intuitive and a creative, aggressive approach to Civil Engineer field. To prove any skill with a caliber performance however, that is educationally, technically, practically, or physically attach of full confidence by itself.

ACADEMICS

♥ B.Tech. Civil Engineering from Dr.M.G.R. Educational and Research Institute, Chennai, India in 2010.

Member of Saudi Engineering Council, Membership ID Number: 117655.

Involved in below mega projects

- INDUSTRIAL WASTE WATER TREATMENT PLANT (IWTP8, PHASE-4) JUBAIL.
- P&C OF SHARED SERVICES NETWORK JUBAIL, KSA.
- 10 MW SOLAR PV PLANT LAYLA, AFLAJ , KSA.
- SEWERAGE AND STROM WATER LINE, Located Asfan industrial area. Jeddah occupies an area 32 kilo meters.
- SCHOOL IMPROVEMENT PHASE-2 , CONTRACT NO. 628-C38, KSA.
- ADMINISTRATION & ECONOMIC COLLEGE FOR FEMAL, (CN:640&302) Jeddah, KSA.

EMPLOYMENT DETAILS

(Project) Industrial Wastewater Treatment Plant (IWTP8) - Jubail (Phase 4)

- Organization: ILF Consulting Engineers for Engineering Consultancy .
- Client: Marafiq, Power and water utility company for jubail and yanbu .
- Designation: QA/QC Civil Engineer.
- Duration: From 31th October 2023 to till, date.
- Project Value: \$202 million .

مرافق
MARAFIQ

ILF
CONSULTING
ENGINEERS

Project Description,

Industrial Waste water Treatment Plant No. 8. The Phase 4 expansion will enable the plant to treat industrial wastewater with a 125,000 cubic meters/day of liquid waste in addition to its current capacity.

The expansion of IWTP-8 will use the latest technologies to enhance the capabilities to preserve the environment and ensure full commitment to the Royal Commission's environmental regulations.

At present, in Jubail, Marafiq is having the total network length of approximately 1,200 km for sanitary and industrial wastewater. All wastewater is collected through a pipeline network will be delivered to the Industrial Wastewater Treatment Plant (IWTP8).

Work and Responsibilities,

Carrying out daily inspections of the works and sign off the relevant part of the contractor's WIR's in a timely manner. Raising any observations and non-conformances or poor workmanship with the Engineers/ RE in a timely manner. Raising any safety issues with the Safety officer and/or safety engineer, keeping the RE informed.

Reviewing and evaluate specifications and drawings prior to project pre-construction meetings; prepare and assemble pre-construction questions and suggestions for review. Conducting site inspections for all civil works including roads, storm water, utilities, drainage, and pipelines.

Recording general and detailed conditions by reports, photography verify compliance with proposed plans and specifications; refer discrepancies with appropriate project staff member; research and verify a variety of information.

(Project) P&C OF SHARED SERVICES NETWORK, JUBAIL SAUDI ARABIA.

- **Organization:** Rawabi Specialized Contracting Company (RSCC)
- **Client:** Royal Commission for Jubail and Yanbu.
- **Designation** QA/QC Civil Engineer.
- **Duration:** From 13 Oct 2022 to 30th Oct 2023.
- **Project Value:** 203 MILLION,SAR.



Project Description:

Policies & Compliance (P&C) for Shared Service Network project aims to establish a robust governance framework that ensures adherence to regulatory, security, and operational standards within a shared service network. The shared service network integrates multiple business units, departments, or organizations to optimize resources, enhance efficiency, and streamline service delivery. This project will define policies, compliance measures, risk management strategies, and enforcement mechanisms to safeguard data, mitigate risks, and maintain operational integrity.

Work and Responsibilities,

- Responsible for the daily quality operations of the project with the objective of ensuring that preliminary works are inspected and passed prior to the commencement of next activity.
- Supervision of Corban steel pipeline, Installation of Vent station, drain station, bedding testing, and backfilling.
- Supervise curbstone land escape and related concrete works.
- Supervision of concrete works manhole, inspection chambers catch basin.
- Monitor the received concrete deliveries and concrete pouring activities on site to confirm its compliance with the specifications.
- Supervise the concrete pouring activities on site Coordinate with Testing Laboratory Representative.
- Follow the NCR and Site observation for maintaining the quality of work.
- Maintain records of inspections made, tests performed, work executed, etc.,
- Performing all work in accordance with the Contract Administration Procedures Manual.
- Observes work in progress to ensure that procedures are followed, and materials used confirm to specifications.
- Takes samples of various materials tests and calls for testing as required, Concrete Cube and FDT for Backfilling and Bedding layers.
- Inspection of work at site as per request of contractor.
- Assisting of Senior Engineer in Preparation of Daily, Weekly, and monthly progress reports.
- Checking of slump test prior to pour concrete.
- Checking Quality of Shuttering, Steel, and other approved material at site.
- Checking of material and assured the quality of work at site is according to approved material submittals.
- Taking the Slumps & cylinders / Cubes concrete during concrete Pouring and ensuring the type of Concrete as per specification.

- Ensuring the availability of third-party Laboratory technician for testing procedure.

(Project) MAINTENANCE AND SCHOOLS IMPROVEMENT, PHASE – 2 (SAUDIA ARABIA)

- **Organization:** Abdulla H. Al Mutawa Sons Holding Co.
- **Client:** Royal Commission for Jubail and Yanbu.
- **Designation** QA/QC Civil Engineer.
- **Duration:** From May 2019 to 29th Oct 2022.
- **Project Value:** 50 MILLION, SAR.



Project Description,

Scope: Developing 37 educational sites, including school buildings, playgrounds, and water and sewage systems, Space Frame(Steel Structure) Guard house,Duct Bank,Multipurpose Play Ground, Road work Boundary Wall.

Work and Responsibilities,

- To ensure that the project ongoing in accordance with all the approved construction drawing s, contracts documents, specification, and all applicable standards.
- Responsible for the daily quality operations of the project with the objective of ensuring that preliminary works are inspected and passed prior to the commencement of next activity.
- Monitor the received concrete deliveries and concrete pouring activities on site to confirm its compliance with the specifications.
- Supervise the concrete pouring activities on site Coordinate with Testing Laboratory Representative.
- Follow the NCR and Site instruction for maintaining the quality of work.
- To inspect all received materials before using to confirm compliance with the approved one and project specifications.
- Supervise and Quality Control tests of all massive concrete works at site and in Laboratory Maintaining quality of project as per the requirement of the client.
- Inspecting the construction of temporary and permanent works to ensure compliance with the Contract
- Reviewing the contractor's progress at all times.
- Monitoring the work performed, the material incorporated in the work, the materials stored at the site and the contractor's manpower, equipment and report.
- Coordinating the efforts of separate contractors and liaise with local authorities.
- Observing the safety procedures followed by the contractor.
- Issuing instructions as necessary to correct safety violations.
- Attending weekly, monthly and other progress meetings held at the site as required. Review the contractor's progress.
- Identifying constraints and recommend corrective measures.
- Coordinating with the team on site to ensure that contractual obligations are met.
- Carry out other tasks as may be assigned to you with your expertise from time to time.

(Project) 10 MW SOLAR PV PLANT LAYLA, AFLAJ, (RIYADH-SAUDIA ARABIA)

- **Organization:** AL-GIHAZ HOLDING COMPANY RIYADH, KSA.
- **Client:** TAQNIA ENERGY.
- **Designation** QA/QC Civil ENGINEER.
- **Duration:** From 01st Oct.- 2017 TO 29th May-2019.



Work and Responsibilities,

- Supervision on Site, detailed supervision and checking of the contractor's work.
- Revive and interpret plans, site layouts, and Specification or Construction methods to ensure Compliance to specification.
- Responsible for investigation and checking of the site for finishing works such as plastering, tile laying and water proofing.

- Chainlink Fence work , Control Room ,SCADA Room, Road work ,Guard House ,Hollow Core Slab, Storm water Line Manhole, Catch basin ,Transferrer Room, Generator foundation .Solar Foundation ,
- Checking the location of lines, checking formation level, bedding level, Pipe laying, Pipe leakage test.
- Protection layer, Sub grade, Subbase, Asphalts and Manhole construction.
- Checking operation and Maintenance of networks, cleaning of catch basins and flow test of pipes and checking all ongoing Civil works in Storm water channels and Box culverts.
- Surveillance and enforced quality control at site and ensure that works are performed according to the approved project specification, Completion of each item of works, prior to hand over to the site Civil engineer.

(Project 1) Administration & Economic college for female (CN:640&302) Jeddha KSA.

(Project 2) Sewerage and Strom Water Line(Located Asfan industrial area. Jeddah occupies an area 32 kilo meters.

- **Organization:** Zuhair fayeze partnership consultants / V3 Middle East Engineering Consultants
- **Client:** King AbdulAziz University Jeddah.
- **Designation:** QA/QC Civil Inspector.
- **Duration:** Jan. 2011 to 30 Sep. 2017.
- **Project Value:** 121 million Saudi Riyal.



V3 MIDDLE EAST
ENGINEERING
CONSULTANTS
COMPANY

PROJECT-1: King Abdul Aziz University, Jeddah occupies an area of 6800 Sq Mtr.

The project was for construction, Administration & Economic College for Female" associated with Contract No. 640&302. Developing educational institutions for women, particularly in the fields of administration and economics.

PROJECT:2 Sewerage and Strom Water, Infrastructure for First Phase of Asfan Industrial City

This project involved reviewing and updating designs for the water supply network, sewage network, water tank, and pump station for the first phase of Asfan Industrial City. The work included obtaining approvals from the National Water Company and supervising the implementation to provide construction management and technical support. The Government of Makkah were made a move to mitigate the catastrophic effect of the flood due to Stormwater that the City of Jeddah had experienced in the past years.

Work and Responsibilities,

- Analyses the drawings, applicable codes, standards, and monitors construction activities to ensure compliance.
- Monitors and/or evaluates tests and inspections. Able to interpret section drawings as well as plans and specifications.
- Field checks installations and assures compliance with approved submittals.
- Provides general inspection on all construction and subcontractor work to assure a safe and workmanlike operation.
- Evaluates and monitors adequacy of Contractor Quality Control (CQC) programs.
- Remaining vigilant regarding all aspects of the construction activities and monitor, the Contractors performance & their compliance with agreement contract terms.
- Ensure the contractor/s compliance with the civils or architectural standards and specifications of the contract documents.
- Maintain records of the contractor human and equipment daily resources.
- Liaise and daily follow up with the contractor. Ensure the contractor to managing its resources, health and safety, and equipment needs on the site.

(Project) Work Experience (INDIA)

- **Organization:** Poonam Enterprises ,India.
- **Client:** HINDUSTAN DORR-OLIVER LIMITED
(project). Guru Gobind Singh Refinery Bhatinda,Panjab
- **Designation:** Civil Site Engineer
- **Duration:** From May. 2010 – November 2011.

INSPECTIONS SKILLS

- Review the IFC & Shop Drawings and Technical Queries.
- Progress Monitoring / Making Reports
- Inspections of Rebar for Slabs, Beams, Columns, Shear Walls, Retaining Walls, Foundations Footings.
- Pre-Concrete Inspections, Form work, Covering, Spacing, Cleaning, Ties.
- Concrete Supervision, Slump Checking, Concrete Temp, Placing of Concrete, and Compression Tests of cylinders / Cubes.
- Visual Inspections of Foundations before Anti Termite Spray / Blinding Concrete
- Use of Approved Add Mixtures in Concrete as specified in specifications
- Use of Approved Material for Concrete Repairs if any.
- Responsible for investigation and checking of the site.
- Responsible for Survey works using Level and Total Station.
- Follow up with the time schedule plan to avoid any deviation.
- Monitoring material supply.
- Issue NCR (Non-Conformance Report) for any Discrepancies or work not according to the drawings or using not approved Materials or not following the Instructions or Doing work without approvals.

OTHER SKILLS

- Possess excellent inter-personal, analytical & communication skills.
- Ability to work as a team player as well as able to train and supervise the team.
- High degree of commitment to work and quick learning ability.
- Strong computing skills including MS-office, and AutoCAD.

FINISHING SKILLS

- Expert in Finishing Architectural Works.
- Block Works / Masonry Works.
- Installation of Precast Cladding.
- Plastering.
- Flooring & Screeding.
- Tile Fixing (Bath Tiles & Floor Tiles).
- Doors / Windows Fixing.
- False Ceiling.
- Roof & Walls Insulation (Water Proofing & Heat Insulation).
- Installation of Wooden Cabinets (Kitchen, Wardrobes, Cupboards, Shelves Etc.

COORDINATION SKILLS

- Coordination with the Senior Engineers / Resident Engineer regarding design issues.
- Coordination with Contractor's Engineers / Cont. Managers on Site Issues & Problems.
- Coordination with Structure Engineer on Reinforcement, Technical Queries.
- Field co-ordination between the Foramens and Surveyors in accomplishing Daily Work.

MANAGEMENT SKILLS

- Manage Site Activities / Works.
- Progress monitoring and tracking
- Reports building using Oracle, and Excel
- Quality Assurance & Quality Control
- Manage Materials Required on Site by date and Quantity, ensuring the delivery on Site immediately.
- Manage & distribute the responsibilities to the Sub Ordinates.
- Daily Meetings with Site Staff to Managing, Solving, Issue Instructions.
- Progress Monitoring and Marinating data for any delay.
- Coordination with the Senior Engineers / Resident Engineer regarding design issues.
- Coordination with Contractor's Engineers for Site Issues & Problems.
- Coordination with Structure Engineer on Reinforcement, Technical Queries.
- Field co-ordination between the Foramens and Surveyors in accomplishing Daily Work.
- Coordination with the Client Representative.

PERSNOL DATA

Date of Birth: 05th - Feb -1982
Nationality: Indian
Iqama ID Number: 2301139867.
Iqama Status: Transferable and Valid. Saudi
Driving License: Arabian Valid License.

Language Capabilities:

English: Excellent in Reading, writing, speaking.
Arabic: Well in Reading, well in Speaking.
Urdu: Excellent in Reading, writing, speaking.
Hindi: Excellent in Reading, writing, speaking.

INTERESTS

- Studying Advances in Structural Engineering
- Execution Work at site, Planning & Management

PERSONAL STATEMENT

I believe in honesty, simplicity, teamwork, and commitment. I have very high standard of quality and always strive for improvement. I like challenges Recognition and sense of achievement since these are most motivating factor for me. I enjoy working in truly multinational and multi-cultural environment.

REFERENCE CONTACTS DETAILS

Engineer Kassem Hamaoui Project Manger Mob: 0506405878 Engineer : Zaki Ezaki Eldin Elamin. QS Engineer ILF Consulting Engineers .KSA. Mob: 0550410771	Engineer Claudio Gelati Projects Engineer Royal Commission for Jubail and Yanbu KSA. Email: gelaticla@rcjy.gov.sa Mob: +966 545895484
Engineer Haytam Rabea Project Manger Rawabi Specialized Contracting Co. KSA. Mob: 0500512635 Email: haytham.rabea@rsc.com.sa	Antony Site Manger TYP SA Consulting Engineers and Architects KSA. Mob: 0565348336

Membership no.:117655

عضوية رقم:117655

In accordance with the Regulations of Saudi Council of Engineers by Royal Decree M/36 Date 26/9/1423H and the Engineering Professions Practice Regulation by Royal Decree M/36 Date19/4/1438 H. SCE has approved:

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م/٣٦ وتاريخ ٢٦/٩/١٤٢٣هـ ونظام مزاولة المهن الهندسية الصادر بالمرسوم الملكي م/٣٦ وتاريخ ١٩/٤/١٤٣٨هـ ولأحته التنفيذية فقد قررت الهيئة اعتماد:

MAHFOOZ RAZA ALAM

Membership Category: Engineering Technologist

Specialization: Civil Engineering Technology

Membership Start Date: 3/2/2013

محفوظ رضاء عالم

فئة العضوية: مهندس تقني

التخصص: هندسة مدنية تقنية

تاريخ بداية العضوية: 3/2/2013

This Certification is valid until: 07 February 2027

هذه الشهادة صالحة إلى تاريخ: 01 رمضان 1448



الأمين العام Secretary General

م. عبدالمحسن بن ضاوي المجنوني



30302301/ 612 / 17

December 5, 2017

Attachments: 01

To : **M/S Al-Gihaz Contracting Co. Ltd**
Attn. : **Engr. Zaki Ahmed Shazli**
Project Manager

Project : **Construction of 110/13.8kV Al-Sail Road Substation, Makkah**
Contract#: **4400007876**

Subject : **Approval of QA/QC Civil Engineer (Mahfooz Raza Alam)**

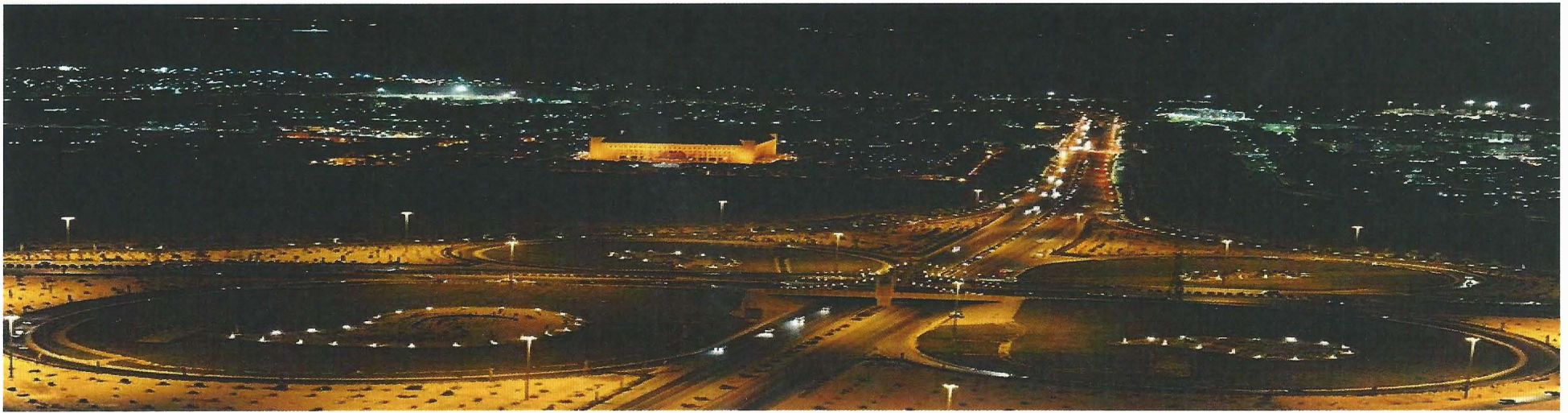
Reference to your letter No.217; it is to inform you that we have conducted interview of Mr. Mahfooz Raza Alam and he is accepted as QA/QC Civil Engineer for the above mentioned project for (Three) months probationary.

This is for your information and action.

Best regards,

Engr. Abdullah H. Al Malki
Div. Manager, C&EMPDV – West

CIM / SFA



Royal Commission for Jubail

5 Day Construction

Management Quality & Safety Training

Certificate of Completion awarded to

Mahfooz Raza Alam

ES&H



Who Cares?

Kenneth Farr
Kenneth Farr, Project Training Lead

Certificate CMSTJub:00312

