

Mohamed Khalil

Senior Project Engineer – Civil

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Profile

Senior project engineer with 12 years of experience in construction of megaprojects and infrastructures.

Proficient in executing complex structural, finishing works while coordinating with electromechanical and ICT disciplines, Adept at delivering projects on time and within budget. with commitment to providing high-quality service. focused on upholding stringent standards for health, safety, and environmental issues.

Professional Experience

➤ Nesma & Partners - August 2021 to Present.



• *Project: king Salman Park (KSP), Riyadh. June 2023 till date.*

King Salman Park is built on more than 16 km² to become the largest urban park in the world. It will include vast open green spaces covering more than 11.6km², one million trees, in addition to the Museum of the Earth, Royal Arts Complex, the National Theater, Amphitheater, Outdoor Cinema, Wadi Cascade, a 7.2 pedestrian walkway (loop), and a “valley” area in the middle of the park surrounded with art and water features.

• **Title: Senior Project Engineer at Museum of the Earth**

Responsibilities:

- Overall oversight of site activities for execution of micro piles, concrete works, formworks (panel system, Top 50, shorebrace, and climbing system), steel structures, waterproofing...etc.
- Issuing Purchase Requisitions (PR).
- Review Purchase Orders (PO) for the pre-final approval.
- Issuing RFS (request for subcontractor) as per project strategy.
- Preparing weekly reports, Weekly lookahead Plan for site activities.
- Review the weekly progress & revenues for site activities with the planning team. •

Review the submitted work inspection requests (WIR) with the site engineers.

- Following with the QC team for the inspection of MIR, concrete compressive test, steel rebar test, ...etc.
- Following with Engineering Dept. for the submitted & approval of the shop drawings and RFIs (Request for Information)
- Review the weekly efficiency report (Actual, budget and earned manhour). •

Coordination with MEP team during the construction sequence.

- Coordination with the virtual design and construction dept. (VDC) for the project execution plan (PEP)

- Coordination with the safety, PMV (Plant, Machinery, and Vehicles), warehouses and logistics teams to ensure that all activities proceeded safely and smoothly.

• ***Project: king Abdul Aziz Road (MASAR Project), Makkah. Aug. 2021 to June 2023.***

MASAR project is one of the most important development projects for upgrading the existing infrastructure, creating a major movement axis in Makkah, supporting a prominent gateway to the holy city, specifically the haram area and deploying future transportation technologies.

• **Title: Project Engineer at Flyover Bridges ST 01&02.**

Responsibilities

- Overall oversight of site activities for execution of:

- 1- MSE (Mechanical Stabilized Earthing) walls
- 2- Concrete crush barriers and crash attenuators.
- 3- Storm lines.
- 4- Asphalt.
- 5- hardscape and landscape.
- 6- Concrete works (approach and counter slabs)
- 7- Backfilling.
- 8- Waterproofing.
- 9- Road Marking and Signages.
- 10- Painting system
- 11- Granite tiles and screed at Boulevard area.

- Review As built Drawing (Red Mark).
- Issuing Purchase Requisitions (PR).
- Review Purchase Orders (PO) for the pre-final approval.
- Preparing weekly reports, Weekly lookahead Plan for site activities.
- Coordination with MEP team during the construction sequence.
- Coordination with the safety, PMV (Plant, Machinery, and Vehicles), warehouses and logistics teams to ensure that all activities proceeded safely and smoothly.

➤ **Saudi Bin laden Group - March 2015 to July 2021.**



• ***Project: king Abdul Aziz international Airport (KAIA)- November 2016 to July 2021.***

KAIA is a mega project comprises from 2 packages, 421 (Passenger terminal building, Air Traffic control tower, Data centers, Main Rescue and firefighting, Radio sites, Crisis Management Center, and Meteorological building). and 422 (Aprons Taxiways, Roads, Tunnels, Bridges, Load centers, Car Park, railway station and supporting facilities).

• - **Title: Project Engineer at Data Center 01 & 02 - March .2017 to July 2021.**

Responsibilities:

- Overall supervision of site activities for execution of R.C elements, chain link fence, vehicles crush barrier, raised floor, epoxy works, block, plaster, painting, ceiling, flooring, furniture, doors, shutter. doors, security cages, Kitchens, Siporex cladding, aluminum cladding, waterproofing works, fire sealant, expansion joints, landscape, hardscape, Infrastructure, dewatering, Road marking, sliding gates, car shades, arm barriers, road blocker and buried diesel tank.
- Coordination with MEP and low current works.

- Following up testing and commissioning for the operational systems (Security and Access Control System (CCTV, AV, fire alarm test for smoke detector and fire alarm interfacing with SACS, Zone Control Valves, AHU, FCU, F.S.D and elevators).
- Following up mechanical test (air balance, water balance, firefighting test for water sprinkler, pumps, inert gas fire suppression system, humidity temp. of communication rooms and integrity test).
- Following up electrical test (lux test, switch gear, transformers, MDB, LDB, LMS, MCC and Drups).
 - Preparing weekly reports, Weekly lookahead Plan for site activities.
- Closing snags in PLF (Punch List Form) for preparing Preliminary handing over (PHO)
- Closing all Open NCR (Non-Conformance Report).
- Closing all Open SI (Site Instructions).
- Closing all Rejected RIW (Request for Inspection Work).

• **Title: Senior Site Engineer at Transportation Center & Railway Station - Nov .2016 to March. 2017.**

Responsibilities:

- Overall supervision of site activates for execution of aquarium, marble Flooring, glass facades, slab on grades, elevators, escalators, kalzip covering, shutter doors and water proofing for wet areas.
- Coordination between MEP and low current works.

• **Project: King Abdullah Project (KAP 3) - March 2015 to /ep 2016) Tabuk Region.**

• **Title: Site Engineer**

Responsibilities:

- Overall supervision for site activities at police station, traffic administration and narcotics control buildings.
- Execution of internal works (R.C elements, bullet proof glass, epoxy works, block, plaster, painting, ceiling, marble, granite, furniture, doors, shutter doors).
- Execution of external works (curb stone, interlock, bollards, sliding gates arm barrier, road blocker, fence, manholes, duct bank, sewage line, potable water, water tank and lighting poles).

➤ **Saudi Alterais Company, Tabuk Region, KSA - August 20**

• **Title: Site Engineer.**



Responsibilities:

- Overall supervision for construction of storm water drainage system (Box Culvert Type) at Tabuk City.
- Preparing daily, weekly report.

➤ **Arab Contractors Company, Suhag City, Egypt - Jan.2014 to**

• **Title: Site Engineer.**



Responsibilities:

- Execution of reinforced concrete elements at Suhag bridge.

➤ **Egyptian Armed Forces, EGYPT – Oct. 2012 to Dec. 2013.**

• Title: Site Engineer.

Responsibilities:

- execution of steel floating bridges in Suez Canal.

Courses

AUTOCAD

SAP2000

MS Office

Languages

Arabis

ENGLISH

Education

Bachelor's degree in civil engineering.

Assiut University, Egypt - September 2007 To July 2012