



## السيرة الذاتية C.V

### Personal data

Name: Hatem Mohamed Abdel Aziz Mohamed Farid Mohamed Abdel Gawad

Date of birth: 04/03/1965

Nationality: Egyptian

Marital status: Married and supported by a 15-year-old child

Profession: civil engineer

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### Educational qualification

- Bachelor's degree in Civil Engineering, Cairo University, July 1987
- Graduation Project (Steel Constructions)
- Rating .... Good

### Experiences

#### 1-1- Employer: Prof. Essam Al-Awadi's office, Engineering Consulting Office, Civil

**(From 01/09/2019) to (until 26/03/2022)**

- A resident engineer in the supervision of the project of implementing the Tor Sinai Specialized Hospital, and the main contractor is the military works on an area of 30 thousand square meters, with a value of one billion and two hundred million pounds.
- The project consists of the main building, four basement floors and three floors with a floor area of 7500 m2 and the general site with an area of 30000.00 m2 of wall, four security rooms, a power station building, generators and a ground tank of 360 m3 capacity ... (from 01/12/2020 AD to date)

## **1-2- Employer: Spectrum Engineering Consulting Office (Dr. Emad Nabil)**

**AS Resident engineer, consultant, general contractor, National Authority for Military Production.**

- Supervising the implementation of the Specialized Kidney Hospital in Ismailia (270 million pounds).
- The project includes normal and electromechanical works, electrical works, light current, central air conditioning with a chilled water cycle system, as well as elevator works, medical gases, firefighting, aerosol system, pump station, dialysis water treatment station, power station and generator. The project also includes strengthening works for the structural elements of old buildings in the foundations and columns and cameras for rehabilitation from the housing of nurses and doctors to a specialized kidney hospital and through the supervision of the experts' office from Ain Shams University, as well as next to the construction of new buildings.

## **2- Employer: Saudi Arabia Abdul Rahman Al-Rabiah Engineering Consultancy Company**

**(From 05/23/2013 AD) to (11/11/2016) ... (Civil Engineer)**

**Functional tasks:**

**As (Resident engineer in the project of constructing a tunnel at the intersection of King Abdullah Road with Dhahran Road, at a cost of 125 million riyals).**

- (Supervising the project as the owner's representative, who is the Municipality of Al-Ahsa City within a specialized supervision team).
- (Receive and study the project contract documents and plans and review them and review the executive plans and the time plan).
- (Guiding the contractor to perform the confirmatory tests on the project and making a study of the cavitation phenomenon.)
- (Guiding the contractor towards selecting and approving the concrete factories and qualified laboratory offices after making the necessary evaluation for them...)
- (Guiding the contractor to submit and approve forms and forms for submissions and work out project plans)
- (Control over the schedule, implementation rates, performance evaluation of the contractor, detection of any deviations or delays, and carrying out the necessary corrective operations through meetings with the owner and informing him of any requirements, restrictions or change requests).

- (Reviewing the inventory work according to what is being implemented on the ground and trying not to exceed the contract quantities).
- (QC/QA of works (quality control, design mixtures according to specifications, approval of materials and review of the resource distribution schedule submitted by the contractor, with the need to direct it to match the vision of the owner and what the contract requires).
- (Reviewing the contractor's submissions and making a record of the deliverables records, including the records of passing laboratory tests)

### **3-.Working for Qubas Gulf Trading and Contracting Co.,**

Period: November 2004 to May 2013

Job: Company Project Manager in Jubail, Saudi Arabia

1- Supervising the implementation of projects in the eastern region, including infrastructure work from downhill networks, feeding networks, lifting and processing units in the eastern region of The City of Al-Nayriya as well as the city of Melija city, with the Secretariat of the Eastern Region, which praised the good performance and quality of the work, as well as the celebration of these projects in the monthly magazine of the Secretariat of the Eastern Region.

2- Study and pricing bids and tenders for projects required by government agencies such as the municipality and the Ministry of Health Affairs by digging the interior as well as the Ministry of Education and others.

3 - Replacement and renovation of the infrastructure of King Khalid Central Hospital in Hafr al-Batin city governorate with the work of expanding the treatment plant as well as changing the pumps and expanding the lifting units.

4- Preparing the site and drilling work for the project of extensions of the Central Hospital of The Interior Drilling of the Ministry of Health worth forty-eight million riyals...

- With infrastructure work, a lift unit and also a 500 m3/day well desalination unit with a 2000 m3 ground tank.

I have prepared the network surveying as well as the implementation schedule, the proposed general site and accreditation by the Project Department of the Ministry of Health in Dammam.

### **4 - Employer Industrial and Engineering Projects Company**

**(10/07/2000) to (01/06/2004)**

**As Director of the seawater desalination plant project in Dahab, South Sinai, Egypt**

**Functional tasks:**

- Project manager for the implementation of a seawater desalination plant in Dahab at a total cost of 48 million Egyptian pounds.
- Implementation of 10 wellheads on the Red Sea as main intakes for the desalination plant through two PVC lines, each with a diameter of 500 mm.
- the drawing yard made of reinforced concrete isolated under the ground, as well as the salt water tank, then the main desalination building, dimensions of 108 meters, width 45 meters, height 12 meters, remote control room and the latest desalination means in the world.

- The control building is made of frames of reinforced concrete, as well as the implementation of waterways through the main desalination building from sectors of reinforced concrete and cladding with faience and covers from sectors of highly rigid and durable fiberglass.
- The wards of giant pumps raise the filtered water up to 70 atm pressure and then implement it through very hard diaphragms of cylindrical porcelain in order to dismantle the sea water atoms. The dimensions of each student were about 6 meters long and 2.25 meters wide. Its bases were made of reinforced concrete and the necessary recesses for water flow severe salinity and directed to the sea again through the extrusion lines.
- Desalinated water tank with injection and stirring equipment, then to ground tanks for desalinated water, the tank capacity is 4000 cubic meters.
- Implementation of tunnels under the roads from the reinforced concrete sectors to pass the desalinated water pipelines to the main pumps ward, which raises the water to the balance tanks in the city, and these tunnels are necessary for the necessary periodic maintenance and operation.
- Implementation of a residential building for the workers of the station, as well as an administrative building, and the implementation of the fence over retaining walls, internal roads, sidewalks, and the general site with design tendencies.
  - Preparing inventory and AS BUILT DRAWINGS, reviewing, approving and delivering them to the owner.
- (The Minister of Construction praised the station, which I had the honor to be the first technical official for, as it is the latest means of implementation in the world, as this news was published in the official newspapers of the city of Egypt)

## **5 -Employer: Al-Nasr Company for Facilities and Installations**

**(From 11/19/1995) to (07/01/2000) AS Senior Technical Specialist Engineer**

### **Functional tasks:**

- Implementation of the Nile water line directed to the city of Sharm El-Sheikh in Egypt from GRB pipes with a diameter of 45 cm with hydraulic jack stations and special industrial projects such as the construction of 2000 mm diameter tunnels under regional roads to maintain the lines and change their course, at a total cost of 85 million pounds.
- I was the technical engineer responsible for making executive plans and longitudinal budgets for lines, cadastral signatures, dealing with horizontal and vertical curves in roads, and handing over to the owner the prescribed tests.
- Coordination with the concerned authorities that intersect with the water pipelines, such as gas, petroleum and oil lines, as well as the fiber line for communications.

- Signing the valves, washing and air rooms according to the executive plan, and approving any modifications according to the circumstances on the ground.
- Implementation of crane stations, whose height reached 168 meters above sea level, and each station consisted of draft pits, lift pumps, ball and treatment rooms, ground tanks, housing for workers and administrative offices.
- Implementation of 14 km of lines in the severe Seoul area and industrial works for them, including passing the lines inside a reinforced concrete shirt with tamping of road pavements and the work of reinforced concrete to cover the bottom of the road.
- (Preparing inventory as well As BUILT DRAWINGS for the entire project, reviewing, delivering and approving it from the owner, and praise be to God in praise and thanks for the high level of performance.

#### **6- Employer: General Office of South Sinai Province (PMO SAINAI)**

Period: April 1990 to October 1995

Job: Third engineer preparing and bidding and technical decision committees.

Business :

- 1 -Supervising the implementation of residential buildings as well as development projects in South Sinai.
- 2- Attendance at many decision and negotiation committees as well as price analysis work.
- 3- I was the coordinator of the General Office of the Province of South Sinai with the Ministry of Tourism in order to establish the Aeriated lagoon sewage treatment plant in TABA City and show the station in a unique architectural form.
- 4- Supervising through the Advisory Office (US Aid Comenix) on the implementation of the expansion of the processing plant of the city of Shubrahit and nearby villages to accommodate a total capacity of 100,000 m3 per day and consists of:
  - Refineries to book large floating materials.
  - Sand deposition basin and suspended inorganic materials.
  - 8 circular primary deposit basins with a radius of 35 m

This is to assemble sludge and deposit the largest amount of organic matter suspended with liquid residues.

► Sludge pumps and then to drying basins...

Liquid is collected after disposal of 60% of suspended substances and 45% of the bio-oxygen absorbed in

A waste course on the ocean of the basin

- 5- Obtaining several courses related to American aid in Egypt, the most important of which is the design of treatment plants using industrial ventilation as well as his diploma in the preparation of leaders in addition to several courses, including a course in the method of research and

identification in underground pipes and measuring their behavior and diameter, as well as courses in the AutoCAD program and passing these courses successfully

## **7 -The Egyptian Armed Forces as a reserve officer**

**From (١٩٨٧/٠١/١٠) to(١٩٩٠/٠١/٠٤)**

**As third implementation engineer with the rank of reserve first lieutenant**

### **Functional tasks:**

- Supervising the implementation of the Military City on the Cairo-Ismailia Road.
- Supervising the implementation of 42 high-rise residential towers, 12 floors, the floor area is 572 square meters for officers' housing, as well as the implementation of a first-class social club, Olympiad, a first-class cinema made of reinforced concrete tires, a swimming pool, two kindergartens, a primary education school, a closed gymnasium and a commercial market for a thousand people overhead water tanks, a large collector, tunnels for car traffic and traffic regulation.
- I had the honor of starting my practical life in this giant project, supervising the work, receiving and editing the monthly extracts of the contractors, reviewing and approving the inventory.

## **Skills**

- Good Command in computer programs (Software, Excel and Power Point,)
- Good Command in Programs (AutoCAD, Primavera)
- Obtaining the Degree of Consultant from the Saudi Council of Engineers.
- Obtaining a PMP certificate from the Saudi Council of Engineers, as well as (PMP Efficiently).
- Preparing time programs for large projects using MS (Microsoft Project)
- Material Submittals, Estimating Costs, and Technical Assessment for Tender Packages