

Eng. Mohamed Sheriffu Murshid

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EDUCATION

- Graduate Diploma in Electrical Engineering, **University of Moratuwa, Sri Lanka**
- Graduate Diploma in Electrical & Electronics Engineering, **Engineering Council (UK)**
- Engineering Graduate Diploma in Electrical Engineering, **Institute of Engineers Sri Lanka.**

SKILLS

- MEP Engineer / Coordinator.
- Electrical site Eng / Inspector-Commercial/ Residential buildings/Villas.
- Project Eng, Infrastructure Projects water, STP & SWRO plants
- Team player in PMCM/EPC/PMC /Design build/Turnkey executions.

MEMBERSHIPS

- Associate Member- Institution of Engineers, Sri Lanka.
- Associate Member – Institute of Electrical Engineers UK.

1. BACKGROUND

I am an **MEP Engineer / Coordinator** possessing a demonstrated leadership & interpersonal skill and having **20+ years of professional extensive working experience (including 13 years in Oman, UAE, Qatar and Saudi Arabia)** in successful completion and delivery of many large-scale projects of the built environment and construction industry. Most of my career experience was gained from working with reputable **European Project Management & Engineering Consultants** and **Australian/Japanese/GCC/Chinese Contractors**, in several **infrastructure projects, Commercial & Residential buildings, Villas, Water supply, Wastewater treatment plants, Sea water RO plants, Pump houses, mixed used developments, utilities (wet and dry)** to, implemented in the forms of EPC/PMC/PMCM/D&B/Turnkey, in Oman, UAE, Qatar, Saudi Arabia and Sri Lanka from inception to delivery.

I served as a representative of main contractor's, consultant's & client's and gained valuable experience in **project management, construction management, engineering supervision, construction inspection & procurement management** areas.

I have enough working knowledge with relevant Public Works Authority (PWA) procedures & requirements, of above-mentioned countries.

RECOGNITIONS

FEWA-UAE
HAYA-Oman
QP-Qatar
NWSDS-Srilanka

2. EMPLOYMENT HISTORY (OMAN, UAE, QATAR, SAUDI ARABIA AND SRI LANKA)

Duration	Designation	Employer/Client	Name of the Project
Mar 2021 to date	MEP Eng. (contract basis)	Cadagua (Spain)	Construction of 36 No's of Community Villas, domestic STP, Ancillary buildings and upgrading 2 No's of Lifting Stations. (DBOM)
Jan 2014 to Feb 2018	Senior MEP Engineer.	HAYA Water Sultanate of Oman	
Mar 2018 to Feb 2021	MEP Coordinator	Nihon Suido Consultant's Co. Ltd. Japan National Water Supply & Drainage Board- Sri Lanka.	Staff accommodations G+7 floor, & Kandy City Wastewater Management Project (KCWMP).

Jan 2010 to Dec 2013	Electrical Engineer (structure)	Project (Infra)	Cadagua (Spain) FEWA- UAE	Sea Water Reverse Osmosis Plant, (400MLD) in Al-Zawra, Ajman, UAE (Design and Build)
Jun 2007 to Jan 2010	Senior Electrical Engineer		Hyosung Ebara Engineering Co. Ltd. Qatar Petroleum QP	Residential buildings G+ 15, Domestic Waste Water Treatment Plant and 3 lifting stations, in Masaieed Community Area, Qatar. (EPIC Phase1)
May 2005 to May 2007	Consultant's Electro Mechanical Eng		Outotec Australia. National Water Supply & Drainage Board- Sri Lanka.	Integrated Water supply Scheme of Eastern Coastal Towns of Ampara District.
May 2002 to Jan 2005	Project Electrical Engineer		Binjarallah Est. Riyad, KSA Ministry of Water & Electricity KSA.	Operation and Maintenance Sewage network, Pump houses and the Wastewater treatment plant at Hofuf Al-Hassa
May 2001 to Apr 2002	Electrical Engineer	Design	Figaro Ltd	MEP Projects & LV MCC panel builders.

3. PROJECTS DETAILS

Employer : Cadagua- Oman (Ferrovial Group Spain)

Role : Senior MEP Engineer.

Client : Haya Water, Oman

Consultant : Parsons

Period : Jan 2014 to Mar 2018. Mar 2021 to date (contract basis)

Overall Program Sum : R.O 37 Million

Project : Projects consist of design and construction 36 No's of community villas, 50,000 m³ / Day Wastewater water treatment (MBR) technology plant, treated water storage tanks, underground sumps, roads, tanker filling stations, buildings, landscapes, transmission and distribution pipe line networks. (DBOM) at New Darsait, Muscat, Oman.

Project Equipment Details: 11KV SWGRs, RMUs, 2500KVA 11KV/400V Transformers, 2500KVA 415V Generator, LV MCC Panels 2500A, 415V, 44KA /3sec, MV Cable, LV cable, Induction Motors, Soft starter, capacitor panels, Battery charger, UPS 5KVA, 3KVA, Cable tray, Lighting, Lightning protection system, Earthing system, HVAC, Mechanical screen, Odor control system, Sludge decanters, drying bed, Oxidation ditches, Clarifiers, UV system, Sludge holding tanks, Neutralization pit, Air blowers, EOT crane, potable water system, Level switches, Level transmitter, ORP Transmitters, Flow transmitter, Fire Fighting, Fire alarm system, Proximity switches, SCADA, H2S Gas monitoring system, CCTV, Access control and Assets monitoring system.

Employer : Nihon Suido Consultant's Co. Ltd.Japan

Role : MEP Coordinator

Client : National Water Supply and Drainage Board, Sri Lanka.

Consultant : Nihon Suido Consultant's Co. Ltd.Japan

Period : Mar 2018 to Feb 2021

Contract Sum : JPY Million 1,400 LKR Billion 22.5

Funding Agent : JICA Japan

Project : Kandy City Wastewater Management Project.

The project consists of construction of **Staff accommodation G+7 floor**, 6 MH Pumping stations, 01 Main PS and A Wastewater treatment plant 14,000 m³ / day. Force main

pipings and gravity collection sewer lines of total 220 km of pipe installations (open cut/MT/HDD), Ancillary buildings, road works, service connections and associated activities.

Project Equipment Details:

Staff Accommodations G+7 floor: Building Utilities such as, water supply, Sanitary /Sewage systems, Fire Alarm, Firefighting, HVAC, Access Control, CCTV, LV Panels, SMDB, DB, Lighting, Yard lighting, Cabling, Intercom system, Stand by generator, Transformer room, telephone, Data, TV, and Lift.

Plant: 11kv/415v, 800KVA Transformer 415V Generator, LV MCC Panels 2500A, 415V, 44KA /3sec, MV Cable, LV cable laying,, Induction Motors, Soft starter, capacitor, Battery charger, UPS 5KVA, 3KVA, Cable tray, Lighting, Lightning protection system, Earthing system, HVAC, Mechanical screen, Odor control system, Sludge decanters, drying bed, Oxidation ditches, Clarifiers, UV system, Sludge holding tanks, Neutralization pit, Air blowers, EOT crane, potable water system, Level switches, Level transmitter, ORP Transmitters, Flow transmitter, Fire Fighting, Fire alarm system, Proximity switches, SCADA, H2S Gas monitoring system, CCTV, Access control and Assets monitoring system. .

Employer : Cadagua- Dubai (Ferrovial Group Spain)

Role : Electrical Project Engineer (Infra structure)

Client : Federal Electricity & Water Authority FEWA, UAE.

Consultant : ILF Consultancy Abu Dhabi

Period : Jan 2010 to Dec 2013

Contract sum : AED 2.6 Billion

Projects : Sea Water Reverse Osmosis Plant, (400MLD) in Al-Zawra, Ajman, UAE (Design and Build).

Project consists of design and build a Sea Water Reverse Osmosis Plant, (400 MLD) in Al-Zawra, Ajman, UAE.

Project Equipment Details: Raw water Screens, Air burst system, Inlet lift pump stations, DAF, UV Filters, RO Membrane racks, Pressure exchangers, RO Booster pumps, RO high pressure pumps 11KV, treated water pumps, backwash pumps, belt press, chlorination system, chemical dosing system, piping (GRP,SS,PVC), Analytical instruments, Field instruments, SCADA, Fiber Optic network, 11KV cabling, LV panels, Transformers, MV SWGR, LVSWGR, Diesel generator, fuel system installation, Soundproofing & HVAC system.

Employer : Hyosung Ebara Engineering Co.Ltd. Qatar

Role : MEP Engineer

Client : Qatar Petroleum- QP Qatar.

Consultant : KEO

Period : June 2007 to Jan 2010

Projects : Residential buildings G+ 15, Domestic Waste Water Treatment Plant and 3 lifting stations, in Masaieed Community Area, Qatar. (EPIC Phase1)

The project consists of construction of 24 Nos of Residential buildings G+ 15, a wastewater treatment plant, pumping stations, FOC networking, road rehabilitation and soft & hard landscape works. I was in-charge for entire Electrical works relate to the project.

Employer : Outokumpu Technology Pty Ltd. Australia/Sunpower Constructions, Sri Lanka

Role : Consultant's Electro Mechanical Eng

Client : National Water Supply and Drainage Board of Sri Lanka

Period : May 2005 to May 2007

Projects : Integrated Water Supply Schemes in Ampara District (ECTAD Phase I & II). Project consists of design and construction of raw water intake, treatment plant (filter houses, clear water reservoirs), sludge dryers, buildings, pump stations, elevated water towers,

pipe laying (transmissions & distributions – 660km) and electro-mechanical installations.

Employer : **Binjarallah Est. Riyadh, KSA.**
Role : Project Electrical Engineer
Client : **Ministry of Water and Electricity, Eastern Province, Kingdom of Saudi Arabia.**
Period : May 2002 to Jan 2005
Project : Operation and Maintenance of Sewage Network, STP and 9 No's of pump stations
I was a second man electrical engineer for Ministry of Water and Electricity, Kingdom of Saudi Arabia (Eastern Province – Al Ahasa) and covered the following activities.

4. ROLES AND RESPONSIBILITIES

MEP Project Engineer / Coordinator. (Consultant/Main Contractor's Representative)

- Deliver projects within the framework of sustainability, risk and environmental considerations while maintaining focus on time, cost and quality. Experienced in PMCM/EPC/PMC /Design build/Turnkey executions.
- Review of design reports, sub-contractor's submittals (shop drawings, method statements, material submittals, work programmers and alternative designs & proposals), design coordination works & stakeholder management. Monitor & report Contractor's progress, assess delays (if any) and suggest preventive/corrective measures for catchup.
- Prepare Prequalification Documents, Tender Documents (specifications, drawings and BOQs) and Engineer's Estimates. Managing stakeholders/utility agencies/service providers.
- Responsible to the higher management on project risk management, resource planning, project scheduling, construction methodology, cost budgeting, procurement of materials and subcontractors, project execution, cost/schedule monitoring, QA/QC, HSE, HR management, project delivery and contract close out.
- Develop construction methodologies, shop drawings, material submittals, ITPs, QA/QC & HSE Plans for consultant/client approval. Adhere to project documentation, programs, master budget etc.
- Liaise with service providers and utility agencies in obtaining their work permits and NOCs to facilitate the project works, as per the schedule.
- Responsible for post contract administration (including contractual correspondence, monthly valuations, new rates, identifying and managing variations, claims, extension of time, final bill etc).
- Coordination between project stake holders and represent the contractor in all Progress Review Meetings and Project Coordination Meetings. Provide training to empower young engineers and other staff.
- Coordination with client, consultants, subcontractors & suppliers, to ensure "right product is built and build a reputation for my employer.

Project site Engineer / EICA Eng (Main Contractors representative).

- Attending to Inspection Requests (IR's) submitted by the contractor and take appropriate action in a timely manner.
- Review submitted shop drawings against contract drawings and specifications, local codes and statutory requirements and international best practice.
- Report any works carried out by contractor found to not be in accordance with approved drawing and specifications and report to stakeholders for appropriate action.
- Receive material inspection requests (MIR) from contractor, inspect electrical & instrumentation materials delivered at site and report on quantity and technical compliance and sign off requests.

- Monitor quality of works and assess the safety at site including health and environmental issues, ensuring compliance with contractual / QCS specifications and safety and health risk assessments.
- Maintain records for daily activities on site including progress photos and ensure they are readily available for inspection as and when required.
- Prepare surveillance report for deficiencies of work found at site and non-conformance reports (NCR) if required in view of the development of events.
- Check and ensure effective co-ordination between disciplines related works and all other disciplines.
- Provide technical input and experiences to resolve any discipline related issues on site that may arise.
- Prepare daily/weekly summary report to Engineer.
- Prepare snag list & involve taking over/handing over the project.
- Guide to prepare As-built drawings.
- Assist Q/S in monthly invoice, VO approval.

5. RESEARCH WORKS

- "Feasibility study for introducing Solar PV at KCWMP- Project report submitted to Institute of Engineers in 2022

6. PERSONAL INFORMATION

- Nationality : Sri Lankan
- DOB : 22nd Feb 1976
- Passport No : N6746021
- Gender : Male
- Material Status : Married
- Driving License : UAE, Oman, Qatar, & Srilanka.
- Languages : English (excellent), Arabic (good), Urdu (very good) & Tamil (native)

I hereby declare that the particulars furnished above are true and accurate to the best of my knowledge. Kindly contact me on **+971 5867 45827** mobile and **+ 94 7653 20258** WhatsApp, should any further information be required.

Thanking you.

Eng. Mohamed Sheriffu Murshid