

Emmanuel Mwadiwa – Civil Engineer & Project Manager

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Personal Statement:

I am a Civil Engineer and Project Manager with extensive experience in Project Management and Water Services operations & maintenance management in Zimbabwe, Botswana, Ireland & Saudi Arabia.

This experience includes project management and construction of building structures, implementation of potable water, foul drainage projects, municipal recreational and transportation infrastructure services.

I have worked in dynamic teams, & with stakeholders from different nationality backgrounds. This international exposure has built confidence in my management, decision making & leadership skills.

I am self-motivated, results oriented and solution driven professional, with a focus to achieve customer satisfaction and strategic & business objectives.

I am looking for opportunities in Project Management in Construction Sector and/or Water & Wastewater or Environment Services.

Education:

2007 MBS Project Management Degree – National University of Ireland

1992 Bachelor of Technology Engineering (Civil) Degree – University of Zimbabwe

Various other CPD & Health Safety Training

Key Skills

- Project Management & Reporting – Project scoping & approval, procurement, execution & commissioning
- Operations & Maintenance Management (Potable Water & Wastewater networks and plants)
- Construction & Refurbishment of civil works and office buildings
- Stakeholder Collaboration – Identify all Stakeholders & create strong working relationships to manage communication & interests
- Water Service Implementation - design, construction & Project Management
- Strategic -forward planning - Prepare detailed project plans, budget & timely resource allocation
- Digital Skills- MS Project, Excel, & other reporting tools to manage workflows, achieve quality compliance etc
- Budgets & Finance management & control – analysing expenditure & invoices using digital tools
- Leadership and Team Management - Inspire and guide site teams, effectively delegating responsibilities to achieve project goals.
- Safety Management - Oversee all aspects of Safety compliance to uphold health and safety regulations, ensuring safe workplace or environment.
- Negotiation & Conflict Resolution - Identify and resolve operational issues swiftly, keeping all parties informed of updates and progress. Interrogate details to avoid risk and issues escalation

Work Experience:

Current Employer

International Water Partners (IWP) **March 2021 – To Date** **Wastewater O & M Director**
 (Saur/Miahona/Manila Water Joint venture (JV)).

IWP Ltd Was Appointed Management, Operations and Maintenance Company (MOMC) By Saudi Arabia's National Water Company (NWC) to manage, operate & maintain potable water & wastewater services in the Northwest Cluster.

I am the Environmental Services (Wastewater) O & M Director responsible for implementing the following programs & projects or initiatives:

- Preventive & corrective maintenance plans for Wastewater network, lifting/pumping stations & Sewage treatment plants
- Implemented initiative projects to improve performance & achieve KPIs in Safety, Sewer Networks operations & treated sewage effluent
- Prepared initiatives for projects to improve performance efficiency & effectiveness of sewer network, lifting/pumping station & sewage treatment plants (STPs)
- Identified/selected Training Programmes for NWC Staff in Wastewater Dept.
- Managing Wastewater Department
 - ✓ OPEX Budget SAR70million (**€18million**)
 - ✓ Capex (PPE) Budgets SAR6million (**€1.5million**)
- Prepared & rolled out SOPs for the O & M Teams in Wastewater Department
- Health & Safety implementation to ensure Cluster achieves zero(0) Lost Time Injury (LTI)
- Prepared initiatives or corrective action plans to achieve and/or maintain service KPIs
- Preparing the Department Annual Plan & 5Year Capex Investment Plan
- Implemented Energy Conservation Programmes in Sewage Treatment plants.
- Prepared action plan and initiatives in Wastewater dept to attain ISO14001 Environmental Management System
- Managed & followed Procurement of the Department Opex and Capex projects - SAR
- Prepare regular or monthly technical reports to general manager & senior general manager on technical proposals, action plans or initiatives. This included attending various stakeholder meetings

Meath County Council **Oct 2008 – Dec 2009** **Executive Engineer**

Operation & maintenance Engineer responsible for water supply plants & facilities in Southeastern WSA.

My duties and responsibilities included the following:

- Implementation of minor capital projects – **€20,000 - €95,000 each**
- Carry out preventive & reactive maintenance, - **Badget >€2.0 million**
- Process Optimisation for Water Treatment Plants

Meath County Council **Jan 2010 – Feb 2014** **Acting Senior Executive Engineer**

Between **Jan 2010 – Feb 2014** I was **Acting Senior Area Engineer** responsible for annual maintenance of roads network & associated drainage services Some of the projects that I implemented & completed are as follows:

- Annual road works programme - **Budget €4.5 - €6.5million annually**
- Planning, Procurement, implementation & project management of the Ashbourne main street refurbishment project - **Budget €1,2million**
- Other Safety Improvement Schemes at various primary & secondary roads - **+/-€200K**

Meath County Council Mar 2014 – Mar 2021 Projects Engineer (Community Grant Scheme)

I was **Projects Engineer** responsible for project managing Community Grants funded schemes in Meath Conty Council. This included scoping, planning, stakeholder consultation, procurement & implementing several projects in different locations & supervising works.

Some of the Project Completed included the following:

- Ashbourne Linear Park (footbridge, playground, walkways) - **€1.4million**
- Rath Chairn (near Athboy) Community Hall Refurbishment - **€220,000**
- Athboy Community Centre & football pitches - **€660,000**
- Athboy Digital Hub - **€195,000**
- Community Playgrounds (4No. in Meath County) - **€220,000 - €280,000**
- Community Hall & Hubs – Cormeen, Kells, - **€240,000 – €420,000**
- Wilkinstown Community Facility (planning & Procurement - **€750,000**
- Buildings Restoration works in Oldcastle, Slane, Duleek & Trim. - **€60,000 - €160,000**

Duties/Responsibilities

- Preparation of monthly & technical reports,
- Prepare, & implement the Water Operations Section annual business Plan
- Follow & implement measures to achieve key performance indices (KPIs) under Water Operations
- Plan, Procure & Supervise Sewer Networks Maintenance Programme
- Network analysis to identify sewer hotspots e.g. overflows & blockage & implement regular cleansing program
- Utilise CCTV to carry out sewage network condition surveys, and recommend/implement maintenance
- Resource planning, Prepare Emergency Plans & manage risk through risk registers
- Monitor, and implement measures to ensure potable water quality complies with the EU Drinking Water Directive regulations
- Implement & enforce health and safety compliance on all water supply plants & facilities.
- Minor capital projects scoping, procurement & implementation.
- Supervise junior engineers & technicians assigned to supervise or manage other projects in the area.
- Emergency Response Coordinator in the Area for emergency incidents, s.a. severe weather, extended service outage & stormwater flooding incident.
- General customer care oversight & communication with Elected Representatives etc.

Fingal County Council Aug 2002 – Oct 2008 Executive Engineer

I was Operations Engineer responsible for water supply plants & network maintenance in the County. Plants & facilities included storage reservoirs, pumping stations and water networks

In addition I was project manager &/or project Co-ordinator for projects that included:

- Trunk Sewer projects 225mm to 600mm (Dublin North Fringe Sewer Scheme)
- Potable water Pumping stations
- Potable water rising mains & gravity main
- Foul Drainage Pumping Stations
- water network modeller on various schemes, & local area plans

Government of Botswana Architecture & Building Services	June 2000 – July 2002	Principal Technical Dept of Officer (central)
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I was Regional Manager responsible for maintenance of government properties in Gaborone Region. The role included supervising Clerk of Works personnel on refurbishment schemes, inspection of ongoing minor capital building works and implementing minor capital projects, utilising Government O & M employees

Redcliff Municipality, Zimbabwe	Jan 1999 – May 2000	Principal & A/Town Engineer
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As Head of the Engineering Services Department, I was responsible for initiating, scoping, promoting, procurement & implementation of various council projects that included

- 1No. 10mega litre water storage reservoir, pumping station, rising mains & gravity trunk mains
- 1No. sewage treatment plant (STP) capacity 10,000m³/day activated sludge system plant and associated lifting stations & discharge lines.

Managing a \$10million engineering O & M budget for the following:

- roads network maintenance, storm water drainage & new projects
- water & sewer network maintenance, upgrade & minor schemes

John Sisk & Son (Zimbabwe)	May 1995 – Dec 1998	Site Engineer /Manager
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I was responsible for setting out, procurement of material, scheduling work at several construction sites among them:

- surface works & offices for **\$100m BHP Platinum mine** (*i.e. offices, labs, storerooms, substations & civil*)
- Construction of several low-cost to high end housing projects – **\$3.2million**
- Construction of various Office buildings Projects Value - **\$750,000 – €4.5million**

Ministry of Public Construction & National Housing (Zimbabwe)	Mar 1994 – Apr 1995	Civil Engineer
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I designed and supervised construction of new water & sewerage networks & 2No. pumping station and minor access road schemes. Among the projects I designed included:

- Beitbridge border immigration centre Foul Drainage/sewage pumping stations & rising main
- Bulawayo School of Mining College water & sewer/foul drainage network services
- Project engineer for Bulawayo hockey & cricket stadiums civil works

Construction Associates (Pvt) Ltd	Jan 1993 – Feb 1994	Site Engineer
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I was responsible for setting out buildings, supervising construction works and quality control at:

- Zimbabwe National Army residential & amenity construction projects
- Quality Control – Inspecting concrete works and building finishes
- Health & Safety – Project Risk Assessment & Control

Additional Details:

Nationality: Ireland
Driver's Licence: Full Licence
Computer Skills: MS(*word, excel, p/point etc*), MS Project, Primavera, Project Livre,
Other Qualities: Leadership, mentoring, decision making, results motivated,
Preferred Work Locations: Saudi Arabia, Qatar, UAE, Ireland, UK
References: References are available on request.