MW ROLE MANDATE - Technical Leader

Position	**Senior Control Systems & Asset Manager Project Development**	**Reports to**	**Project Development Operational Technology Lead**			**Group**	**3**
Portfolio	**Service & Asset Lifecycle**	**Span of Control**	Direct Reports: 0	Indirect Reports: 0		**Grade**	**16**

Role Purpose

The Senior Control Systems & Asset Manager Project Development is accountable to the Project Development Operational Technology Lead in providing analysis of service performance and insights to Asset Managers working across the Service Delivery Lifecycle to deliver and drive innovative, effective and efficient asset management outcomes for the business through project development.
To provide technical leadership in Operational Technology (OT) Assets, co-ordination and oversight of their complex program of technical projects and discipline(s) in collaboration with the broader business and consistently driving for results in challenging environments.

Measures of success

Time focus: *(see detail over page)*

5% Influencer 5% Strategist
45% Contributor 45% Driver

Key individual accountabilities

- Provide analysis of service performance and generate insights utilising extensive experience and consideration of commercial consequences
- Perform the Asset Manager functions, including Management of Change process, Asset data specification and entry, OT technical leadership in incident investigations and RCA, develop solutions for asset maintenance issues, triage and completion of Information requests and actions (Service Requests, Iris Actions)
- Provide SME and central point of technical and knowledge excellence for OT Asset Class(s) for Melbourne Water Operations & Maintenance teams and assigned complex projects as required (e.g. complex projects, or condition and incident investigations)
- Lead and develop the OT standards, including Quality control & Documentation of Programming Code libraries, and lead/support of new technology systems/devices
- Provide OT technical leadership, input and support during all Design stages for both Minor and Major Capital Projects
- Assist with OT asset lifecycle planning, including condition assessment, lifecycle strategy, repair-versus-replace assessments, and renewal assessments.
- Lead the development of asset renewal and optimisation business cases for Capital Projects to meet business requirements and budgets by taking a service and long term (3-5 years) view across the asset renewable program
- Taking care of own and colleagues Health and Safety through identification and reporting of hazards and active involvement in improvement initiatives.

Qualifications & Experience

- Tertiary degree in relevant engineering field and extensive experience in Industrial Control Systems
- Active engineering registration required
- Demonstrated experience in the design development and/or maintenance of complex electrical, automation and instrumentation systems, including documentation development such as system architecture and functional descriptions.
- Demonstrated experience in SCADA and PLC systems including their development, coding and testing
- Criminal Records Check
- Current full Victorian Driver's License
- AusCheck required

Key shared accountabilities

- **Our People:** *Engagement Scores, NNWW, role model MW values & behaviours*
- **Financial Sustainability:** *Overall MW Budget and Business plan (where applicable)*
- **Customer and Community:** *Divisions internal NPS score as a service; Overall MW Customer Satisfaction and Reputation Scores (where applicable)*
- **Safety Leadership:** *Understand and follow the processes and procedures in line with our Integrated Management System (IMS)*
- **Vision and Purpose:** *Communicates and inspires a team vision that drives alignment & commitment to MW Vision & Strategy*
- **Risk:** *Ensures proactive oversight, governance and assessment of risk management consistent with the Risk Management framework.*

Technical capability

- A comprehensive knowledge of one or more of the following:
  - Siemens PCS7, S7 PLC series, and WinCC SCADA
  - Rockwell MicroLogix, Compact Logix, Control Logix, and FactoryTalk ME/SE SCADA

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Decision Rights – owns	Decision Rights - influences	
• Execution of projects and business plan deliverables • OT Incident support responses and management	• OT Project prioritisation • Non OT external project scope • Allocation development and value	or GeFanuc/Emerson Genius series IO, Rx3i PLC's and Proficy SCADA systems and their application (other PLC or DCS experience may be an acceptable alternative) • Knowledge of Building Access, Control and Identification (BACID), Closed Circuit Television (CCTV) and Video Management Systems (VMS), Telemetry and Radio systems • Knowledge of Operating system lifecycles, virtualised environments, Ethernet and Fieldbus networks

Time Focus			
Influencer	**Strategist**	**Contributor**	**Driver**
• Influence change across your team and the organisation to accelerate strategy execution, mindset change and accountability. • Build strategic relationships across the organisation and relevant external markets (peers, partners, govt.). • Support business leadership	• Position your team and the organisation for the future (Future Focus), using foresight for innovation	• Contribute to achieving team and business goals	• Focus on efficient operation of business, ensuring risk, compliance and customer outcomes are delivered. • Driving operational effectiveness, process improvement, achieving capital spend targets, and ensure consistent audit outcomes

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