

## JOB DESCRIPTION

<b>Job Title</b>	Data Centre Operation Manager	<b>Department</b>	ICT Operation
<b>Reporting To</b>	Head of ICT	<b>Job Ref</b>	DCOM240425CS
<b>Key Responsibilities (but not limited to):</b>			
<ul style="list-style-type: none"> <li>▪ Report to Head of Information and Communication Technology (ICT).</li> <li>▪ Formulate strategy and roadmap to build, deliver and maintain best-in-class data centre environment for supporting high-performance computing systems.</li> <li>▪ Develop, implement and maintain governance, policy, standards and procedures in connection with data centre management and operations to align with data centre industry standards, regulations, security safeguards and good practices for hosting high-performance computing systems.</li> <li>▪ Serve as a subject matter expert to provide advice on the data centre operations, site selection and technical requirements for hosting high-performance computing systems.</li> <li>▪ Oversee, manage and maintain data centre facilities including power distribution, cooling, UPS, backup generator power, fire and water leak prevention, HVAC, structured cabling and computing racks.</li> <li>▪ Oversee, manage and maintain IT assets and equipment within data centre including processors, accelerators, network, storage and software stack.</li> <li>▪ Lead day-to-day data centre management and operations to achieve agreed computational performance, scalability, availability, security and energy efficiency.</li> <li>▪ Prepare and manage data centre operations budget, track expenses, identify opportunities for cost optimization and review operational costs.</li> <li>▪ Collaborate with stakeholders to understand the data centre requirements; stay informed about industry trends, emerging technologies and regulatory requirements to optimise data centre operations.</li> <li>▪ Manage and maintain contractual agreements associated with data centre operations, evaluate effectiveness and quality of service delivery, manage the relationship with service providers.</li> <li>▪ Monitor, analyse and report operational and security events and alerts; manage and respond data centre incidents and breaches.</li> <li>▪ Assess and mitigate risks associated with data centre operations to achieve business continuity, security safeguard and operational resilience; develop and maintain emergency response plans such as contingency plans for power outages, natural disasters, cybersecurity breaches and other potential disruptions.</li> <li>▪ Evaluate the effectiveness and quality of data centre operations, identify areas for improvement and implement corrective actions whenever necessary.</li> </ul>			
<b>Skills, Experience and Qualifications</b>			

- 10+ year proven experience as a Data Centre Operations Manager or similar role in a large scale 24/7 data center environment.
- Bachelor's degree or above in computer science, engineering, information and communication technology related fields.
- Strong expertise in data centre management and operations, preferably in a high-performance computing environment.
- Proven experience in managing data centre facilities, infrastructure and IT equipment to support high-performance computing systems.
- Experience in managing contractual agreements associated with data centre operations and maintain relationship with service providers.
- Experience in managing data centre budgets, asset and inventory management.
- Familiarity with data centre facility management software, security protection and defence tool sets, IT service management platform to maintain data centre operations.
- Knowledge of data centre industry standards, regulations, security safeguards and good practices such as Uptime Institute, TIA-942, ISO27001, incident and problem management, business contingency planning, operational resilience and site disaster management.
- Knowledge of industry-standard interconnects and network fabrics to support high-performance computing systems.
- Knowledge of high-performance computing software stack components such as compilers, runtime systems, job schedulers, and scientific libraries.
- Excellent problem-solving abilities to analyse and address complex performance, availability, security and scalability challenges.
- Ability to adapt to a fast-paced and rapidly evolving technological landscape.
- Strong communication and collaboration skills to work effectively with cross-functional teams and subject domain experts.
- Proficiency in written and spoken English and Chinese.

**Application**

The position is on a renewable 2-year fixed-term contract (subject to performance and operational needs).

We offer competitive package to the right candidate. Interested party please send email to [hr@cyberport.hk](mailto:hr@cyberport.hk) to apply on or before **30 June 2024** in confidence with full resume, stating present and expected salary, and available date and quote the reference.

Applicants who do not hear from us by 31 July 2024 may assume that their applications are unsuccessful.

Further information about the Cyberport is available at <https://cyberport.hk/>

Personal data collected will be treated in the strictest confidence and only be used for recruitment-related purpose.

**Job Description Review Date: April 2024**