

Vacancy

CLP Power Hong Kong Limited

Power Systems Business Group

Technical Services Department / Telecommunications Branch

Engineer I (2-Year Contract)

[Ref: CLPP-PSBG-TSD-TB-EI]

Founded in 1901 as China Light and Power Company Limited in Hong Kong, CLP Group has grown from a Hong Kong-based power utility into a leading investor and operator in the Asia Pacific Region's electricity market. Its portfolio comprises over 60 generation assets of gas, coal, nuclear and renewable energy, distribution and transmission assets and retail operations. The CLP Group is owned by CLP Holdings, a company listed on the Stock Exchange of Hong Kong.

Applications are invited for the vacancies in the Telecommunications Branch of Technical Services Department in Power Systems Business Group. Reporting to respective team managers, the appointees will lead a team of engineers to support the growth and operations of either (1) Advanced Metering Infrastructure Field Area Network or (2) in-house Telecommunications Networks and Services within the Company.

(1) Advanced Metering Infrastructure (AMI) Field Area Network (FAN) - Major Duties

- Manage the communications network for smart meter covering territory wide customers of CLP Power which is necessary for enabling applications including but not limited to demand side programme and energy efficiency application
- Plan, design, implement, operate and maintain the wireline and wireless telecommunications networks, including the services provided by telecom operators, for power utility applications
- Conduct telecommunications technology evaluation and development to ensure compliance with the Telecommunications Ordinance and traffic engineering design model in Hong Kong, and provide technology consultation on long-term operation strategies
- Coordinate and collaborate with stakeholders on the mass roll out project plan, radio network deployment, operation & maintenance of the FAN, backhaul connection and Tier 2 support to field operation
- Lead the Smart Meter Remote Monitoring Centre, including remote troubleshooting AMI issues, analyzing fault data, reporting AMI operation performance, evaluating and planning the firmware upgrades for related systems/field devices, to ensure high system availability attained

(2) In-house Telecommunications Networks and Services - Major Duties

- Manage the in-house communications networks covering the full spectrum of technologies including fibre optic, transmission & multiplexing, microwave, LAN/WAN, PABX, TETRA and other radio networks for power system operations
- Plan, design, execute and monitor the assigned telecommunications projects to ensure they could be delivered on time and within budget under the required safety and quality standards

- Perform project works, system fault repairs and diagnosis, services provision, and other investigations in power substations and hill-top stations
- Liaise and co-ordinate with various departments to deliver telecommunications services/projects to fulfil the customers' needs
- Monitor the restoration of telecommunications services upon user requests, equipment fault and system upgrade and migration
- Plan and perform network operation and maintenance works to achieve the KPI target of telecommunications system availability
- Plan and schedule routine maintenance, including cyber-security vulnerability scans and fixes, of aforementioned telecommunications systems and the auxiliary systems and facilities

Both (1) & (2)

- Lead and conduct feasibility studies / pilot trials on new telecommunications technologies and applications which could bring values to existing and/or future business/engineering operations
- Lead and prepare tender specifications and the related evaluations to establish contracts for the supply of required equipment and services
- Ensure staff / contractors are fully complied with the Company's Health, Safety, Security, Environment and Quality (HSSEQ) requirements and drive for continuous improvement on safety
- Perform duties during typhoon periods, adverse weather conditions, and non-office hours as required

Requirements:

- A recognized university degree in Telecommunications or Electronic Engineering or equivalent
- A minimum of 5 years' experience in the planning & design, project management, installation & commissioning, operation & maintenance of telecommunications systems, with proven experience in leading teams for the provision and operation of telecommunications services
- MHKIE or equivalent would be an advantage
- Solid experiences in designing, implementing and operating in 2 or more of the following systems, namely Radio Frequency Mesh, TETRA, LAN/WAN, PABX, Microwave networks and UHF radio systems
- Familiar with relevant telecommunications regulations, licensing, engineering standards and codes of practice
- Ability to work under pressure and be rational and decisive under all situations
- Ability to manage and mobilize resources in the most cost effective and efficient manner
- Mindful and possess good safety awareness
- Ability to communicate effectively with different levels, both internally and externally
- Good command of both written and spoken English and Chinese
- Good interpersonal, negotiation, managerial and leadership skills
- Valid driving license Class 2 would be an advantage

Please apply by sending email to hrps@clp.com.hk giving a detailed C.V., including academic qualification, career history, major achievements (including safety contributions & achievements), and personal attributes on or before **19 June 2021**. To facilitate our easy tracking, please use a unique file name for all attachments and your email subject box in this format: **TSD_TB_EI_Last Name_First Name_Other Names**.

Applicants not invited for interview within 6 weeks from the closing date may assume their applications unsuccessful.

Information provided will be for recruitment purpose within the CLP Group and only short-listed candidates will be contacted. We comply with all applicable laws and regulations of HKSAR in handling applications. For details of the Personal Information Collection Statement, please visit our website: <http://clp.to/engPICS>.

For further information on our company, please visit our website: <https://www.clpgroup.com/>

Date Exhibited: 11.06.2021
Date Withdrawn: 19.06.2021

Information Classification: PROPRIETARY
(本項職位空缺只備英文版本)



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