

## Restricted (Staff)

Date:03/02/2025

Bidding Reference	: 52034-2		
Category	: 2 - CAP	Relevant Field	: A - Application Development
Bidding Period			
Start Date	: 03/02/2025	Deadline	: 17/02/2025
Department	: E&MSD	Shift Duty Required	: N (Y-Yes, N-No)
Planned Start Date	: 01/03/2025	Planned End Date	: 28/02/2026
Number Required	: 1		
Years of IT Experience	: 3 (post-qualification), 1 (in similar capacity)		
Work Location (District)	: Kowloon Bay		
Work in Guangdong Province	: N (Y-Yes, N-No)		

## Project Nature:

(T26) 1.Development and maintenance of cloud-based applications for in-house and contractor use. Applications nature could cover maintenance workflow, procurement workflow, contract handling workflow, human resources management served through web and mobile platforms.

2.The above scope covered 500+ contracts, 1M+ equipment, 1M+ job done annually and has a user base of 2,000+ users, both internal and external users.

3.Development is performed using Agile in a full-stack approach, utilizing micro-services, containers, continuous integration, automated testing and latest technologies stack.

4.Collaboration and liaison with other development teams to exchange asset data, financial data and sensor data using RESTful API and MQ is often required to facilitate the system integration process for transactional and master data exchange.

## Job Description:

(T26) A.To assist in system analysis & design, carry out implementation, documentation, report generation, testing and maintenance of various management systems;

B.To design and implement client side features such as view model, data binding and local storage of web application based on Angular and HTML5;

C.To perform database design, programming, performance tuning, system administration and maintenance using MVVM design;

D.To evaluate and inspect/review hardware, software, and prepare technical proposals of IT equipment and services for various management systems;

E.To update system design documents, operation procedures, system configuration documents, drill plans, contingency plans, technical reports, user manuals etc.;

F.Provision of application support and perform compatibility tests on web browser (e.g. Google Chrome, Mozilla Firefox, Microsoft Edge, Safari);

G.Provide technical support services such as liaison with users and vendors, monitoring, repairing, recovering systems, training and helpdesk support to contractors and EMSD colleagues;

H.To ensure project deliverables to be on time and meet quality standard; and

I.To perform other IT services or tasks as assigned by supervisor.

## Requirement Details:

- i)Degree or higher diploma in computer subjects or related disciplines.
- ii)3 years or above hands-on experience in IT application development of which 1 years must be in similar post and in comparable capacity.
- iii)Solid experience in web application and/or mobile application systems using HTML5, Angular, React, Vue.js.
- iv)Experience in working with Web application Development on Java or Node.js is preferred.
- v)Knowledge on RESTful API is a plus.
- vi)Knowledge on Remix is a plus.

- vii) Knowledge on version control software (e.g. SVN, Git and/or Team Foundation Version Control) is preferred.
- viii) Experience with Agile methodologies (Kanban, Scrum) and tools (Azure, Jira) is a plus
- ix) Good knowledge and experience in system design and database design.
- x) Good communication skills in English and Cantonese.
- xi) Strong commitment to project deadline and delivering high quality work.
- xii) Creative, analytical, self-initiative, responsible and well-organized.
- xiii) Good team player, interpersonal relationship and emotion management.
- xiv) Experience in web application deployment procedures, source code revision control, issues management is a plus.
- xv) Satisfactory result in the written test on the interview day.

## TECHNICAL SKILL REQUIREMENT :

Skill		Essential	
Summary	Description	Month	(Y-Yes, N-No)
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ADM	IT Application Development and Management	12	N
DMO	Data Modeling	12	N
HT5	HTML5	18	Y
JAP	JavaScript Programming	18	Y
LDA	LDAP Application Programming	12	N
OOA	Object-oriented Analysis and Design	12	N
SIM	System Implementation and Maintenance/Support	18	N
W2S	Web 2.0 Services	12	Y
WEA	Website Administration	12	N
WEB	Web Programming	24	Y
WLM	Wireless and Mobile	12	N

## NON-TECHNICAL SKILL REQUIREMENT :

Skill		Essential	
Summary	Description	Month	(Y-Yes, N-No)
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<NIL>			

Please note that the bid(s) will no longer be valid 90 days after the bid closing date.