

Details Report of Contract Staff Service Request
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 Date : 04-FEB-2026

T-contract No : T26 Reference : 58150 Status : Bidding Arrangement In Progress

Contact Details

Person	Designation	Tel. No.
NG YIN LAM, DANICE	SO(A)61	2926 8531

Request Details

Category	Relevant		Post	Date of Request	----- Staff -----	Planned Period		Source of Fund	Shift	Duty Required
	Field	Dept			Unit	Required	Recruited			
2 - CAP	C	HKO	A6	04-Feb-2026	1	0	01-Apr-2026 31-Jan-2027	R	N	

Priority : High
 Replacement : N
 Staff Replaced :
 Work Location(District) : Tsim Sha Tsui
 Project Nature : Provide programming support for the development of the 4D Weather Cube for enhancing aviation weather services.
 Job Description : (i) Advance rapid analysis for the 4DWxCube, including ingestion and quality control of observational data from HKIA, with a focus on integrating new observations from the 3RS; (ii) Research and develop methods to assimilate 3RS observational data into the 4DWxCube, particularly in the low-level airspace and surface environment, to better support aircraft operations under complex 3RS conditions; (iii) Design and construct a unified data architecture to harmonise heterogeneous observational datasets and numerical weather prediction outputs within the 4DWxCube framework; (iv) Perform calculations and analytics on aviation hazardous weather encounters using integrated 4DWxCube data to assist air traffic management and airline operations under the 3RS regime; (v) Improve visualisation tools and computational efficiency for 3D representations of hazardous weather phenomena.
 Requirement Details : 1. Experience in web programming using ReactJS, Python and HTML5;
 2. Experience in database design and handling big data;
 3. Knowledge in GIS and Node.js will be an advantage;
 4. Experience in meteorology applications will be an advantage.
 Work in Guangdong Province : No
 Year Of IT Experience : 3.0 (post-qualification) 1.0 (in similar capacity)
 Arrangement : Interview Arrangement Required
 Imposition of Debarment : No

Technical Requirement

Code	Description	Essential	Min. exp. required (in month)
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C++	C++	N	6
C/S	Client/Server Application Development	Y	36
GIS	Geographic Information System	N	12
HT5	HTML5	Y	24
JAP	JavaScript Programming	Y	48
MSQ	MySQL	Y	48
SCM	Source Control Management System	Y	48
ULS	Unix/Linux Shell Scripting	N	12
WAP	Web Analytics Service	N	6
WEB	Web Programming	Y	48

Non-Technical Requirement

Code	Description	Essential	Min. exp. required (in month)
GOV	Work experience with/in the Government	Y	24

Note: - Skill list is arranged in the alphabetical order of the skill description.

- Relevant Field : A - Application Development
- B - System Programming
- C - Any Fields.

- Source of Fund : R - Recurrent Resources
- P - Project Vote

***** End of Report *****