

**PAPUA NEW GUINEA PUBLIC SERVICE****JOB DESCRIPTION****1. IDENTIFICATION**

<b>AGENCY:</b> Information and Communication Technology	<b>SYS. POSN. NO:</b>	<b>REF. NO:</b>
<b>OFFICE:</b> TISA RUMA	<b>DESIGNATION/CLASSIFICATION:</b> Cloud Engineer	
<b>DIVISION:</b> Digital Government	<b>LOCAL DESIGNATION:</b> Cloud Engineer	
<b>BRANCH:</b> PMU	<b>REPORTING TO:</b> REF. NO: PMU Manager	<b>SYS. POS. NO:</b>
<b>SECTION:</b> PMU	<b>LOCATION:</b> TISA RUMA BUILDING, HIGHLANDER	

**HISTORY OF POSITION**

<b>FILE REF.</b>	<b>DATE OF VARIATION</b>	<b>DETAILS</b>
Org.	3/30/2023	Short Term Contract

**2. PURPOSE**

The Cloud Engineer will be responsible for designing, deploying, managing, and maintaining cloud infrastructure and services for digital government projects within the Digital Government and Information Delivery Wing of the PNG Department of Information and Communications Technology.

**3. DIMENSIONS**

- The Cloud Engineer will work on multiple digital government projects, contributing to the overall efficiency and effectiveness of digital service delivery to citizens, businesses, and other stakeholders.

**4. PRINCIPAL ACCOUNTABILITIES**

- The Cloud Engineer will be accountable for the successful design, deployment, and maintenance of cloud infrastructure and services, ensuring that these solutions align with the strategic objectives of the department and digital government initiatives.

**5. MAJOR DUTIES**

- Design and implement cloud-based infrastructure and services to support digital government projects.
- Monitor and manage cloud resources to ensure optimal performance, availability, and security.
- Collaborate with the project team to ensure seamless integration of cloud services with other system components.
- Develop and implement cloud migration strategies for existing applications and services.
- Troubleshoot and resolve cloud-related issues.

- Document cloud architecture, processes, and best practices
- Stay current with industry trends, emerging technologies, and best practices in cloud computing.

## **6. NATURE AND SCOPE**

### **6.1 WORKING RELATIONSHIP**

#### **(a) Internal**

Work closely with colleagues within the Digital Government and Information Delivery Wing, project managers, software developers, and other technical staff in the department.

#### **(b) External**

Liaise with external stakeholders, including government agencies, private sector partners, and vendors, to ensure seamless integration and deployment of cloud solutions.

### **6.2 WORK ENVIRONMENT**

- The Cloud Engineer will work in an office setting, with occasional travel to other locations as required by project needs.

## **7. CONSTRAINTS FRAMEWORK AND BOUNDARIES**

### **Rules/procedures**

Adhere to departmental policies, guidelines, and best practices in cloud engineering and project management.

### **Decision**

- Make technical decisions within the scope of assigned projects and in line with departmental guidelines and objectives.

### **Recommendations**

- Provide recommendations on cloud solutions, tools, and technologies to improve the department's digital service delivery capabilities.

## **8. CHALLENGES**

- Balancing multiple projects with competing priorities and deadlines
- Ensuring cloud solutions are scalable, secure, and cost-effective.
- Keeping up with the rapidly changing landscape of cloud computing and technology

## **9. QUALIFICATIONS, EXPERIENCES AND SKILLS**

### **(a) Qualifications**

- A bachelor's degree in computer science, Information Technology, or a related field.

### **(b) Knowledge**

- Strong knowledge of cloud computing principles, platforms, and services. Familiarity with digital government initiatives and policies is an asset.

### **(c) Skills**

- Excellent problem-solving, analytical, and communication skills. Ability to work effectively in a team and independently.

### **(d) Work Experience**

- At least 3 years of relevant experience in cloud engineering, preferably in a government or public sector setting.