

GOVERNMENT OF MAURITIUS

SCHEME OF SERVICE SPECIFIED UNDER REGULATION 15 OF THE
PUBLIC SERVICE COMMISSION REGULATIONS

- Ministry:** Public Infrastructure and Land Transport (Public Infrastructure Division)
- Post:** Geotechnical Specialist
- Salary:** Rs 46,900 x 1,525 – 49,950 x 1,625 – 62,950 x 1,850 – 68,500 x 1,950 – 70,450 (26 075 089)
- Effective Date:** 27 July 2018
- Qualifications:** Candidates should –
- (i) be registered as Professional Engineer of Mauritius in the field of Civil Engineering with the Council of Registered Professional Engineers of Mauritius under Section 13 of the Registered Professional Engineers Council Act No. 49 of 1965, as subsequently amended;
 - (ii) possess a Master's Degree in Geotechnical Engineering or Engineering Geology or Soil Mechanics from a recognised institution or an equivalent qualification acceptable to the Public Service Commission;
 - (iii) reckon at least 5 years' post registration experience in the field of Geotechnical Engineering or Engineering Geology or Soil Mechanics;
 - (iv) possess strong leadership, organising and communication skills;
 - (v) be proactive and have the ability to meet tight deadlines and to take prompt decisions; and
 - (vi) be computer literate.

Candidates should produce written evidence of experience/knowledge claimed.

Role and Responsibilities: To be responsible for the effective and efficient delivery of Geotechnical Engineering services.

Duties: 1. To be responsible to the head of the Ministry through the Director (Civil Engineering) for the implementation of geotechnical projects within the Technical Division of the Ministry.

/2...



CERTIFIED CORRECT

.....
V. Jhugroo (Mrs)
for Secretary for Public Service

27 July 2018

Date.....

GOVERNMENT OF MAURITIUS

**SCHEME OF SERVICE SPECIFIED UNDER REGULATION 15 OF THE
PUBLIC SERVICE COMMISSION REGULATIONS**

-2-

2. To provide –
 - (i) geological/geotechnical expertise in the design of deep and shallow foundations in building/civil engineering projects; and
 - (ii) expert advice on geological/geotechnical matters.
3. To analyse and advise on the most effective way to guard and maintain physical structures such as soil and rock formations and groundwater deposits.
4. To perform geotechnical analysis, analyse geotechnical findings and prepare data reports.
5. To carry out –
 - (i) site appraisal and desk studies; and
 - (ii) detailed design of landslide mitigation countermeasure works in the affected areas.
6. To assess risks related to landslide activities.
7. To respond to emergency situations following a landslide.
8. To undertake zoning studies to assist local authorities in the issuance of permits.
9. To prepare bidding documents related to geotechnical studies and projects.
10. To supervise geotechnical site investigations and soil laboratory testing and to interpret the findings thereof.
11. To install, monitor and maintain geotechnical instruments in affected areas.
12. To work in close collaboration with other professionals in Ministries/Departments for the preparation of hazard maps for landslides.

/3...



CERTIFIED CORRECT

.....
V. Jhugroo (Mrs)
for Secretary for Public Service

27 July 2018

Date.....

**SCHEME OF SERVICE SPECIFIED UNDER REGULATION 15 OF THE
PUBLIC SERVICE COMMISSION REGULATIONS**

-3-

13. To guide, supervise and coordinate the work of the team under his responsibility.
14. To assist in the formulation of protocols and preparation of manuals and guidelines for landslide management.
15. To use ICT in the performance of his duties
16. To perform such other duties directly related to the main duties listed above or related to the delivery of the output and results expected from the Geotechnical Specialist in the roles ascribed to him.

Note

The Geotechnical Specialist may be required to work outside normal working hours, including Saturdays, Sundays and Public Holidays, officially declared cyclone days and during other natural calamities and emergencies.



CERTIFIED CORRECT

.....
V. Jhugroo (Mrs)
for Secretary for Public Service

27 July 2018

Date.....