

MAURITIUS PUBLIC SERVICE

PUBLIC ADVERTISEMENT NO. 18 OF 2022

Vacancies for Post of Geotechnical Specialist
Ministry of National Infrastructure and Community Development
(National Infrastructure Division)

Applications are invited from qualified candidates who wish to be considered for appointment as Geotechnical Specialist in the National Infrastructure Division of the Ministry of National Infrastructure and Community Development.

II. AGE LIMIT

Candidates, unless already in the Service, should not have reached their **40th** birthday by the closing date for the submission of applications.

III. 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.

NOTE

1. Candidates should produce written evidence of experience/knowledge claimed.
2. **Candidates should submit a copy of their registration certificate as Professional Engineer together with their Application Form.**
3. **The onus for the submission of written evidence of experience/knowledge claimed and equivalence of qualification (if applicable) from the relevant authorities (Higher Education Commission or Mauritius Qualifications Authority) rests on the candidates. Applications will not be considered in case of non-submission of written evidence of experience/knowledge claimed and Equivalence Certificate, as appropriate, by the closing date.**

4. Candidates may be required to sit for a written examination as part of the selection process.
5. The Commission reserves the right –
 - (i) to convene **only** the best qualified candidates for interview; and
 - (ii) not to make any appointment following this advertisement.

IV. ROLE AND RESPONSIBILITIES

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

V. DUTIES AND SALARY

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. 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.
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.

The permanent and pensionable post carries salary in scale Rs 49,250 x 1,650 – 54,200 x 1,700 – 64,400 x 1,800 – 69,800 x 2,000 – 75,800 x 2,150 – 82,250 a month.

VI. FRINGE BENEFITS

The Geotechnical Specialist is entitled to the following benefits:-

- (a) 100% duty remission for the purchase of a car with engine capacity of up to 1500 c.c. once every seven years; or
a monthly car allowance of Rs 3,980 in lieu of duty remission;
- (b) loan facilities for the first purchase of a car equivalent to 21 months' salary with interest rate at 3% per annum, refundable in 84 monthly instalments;
- (c) a monthly travelling allowance of Rs 12,000 or refund of mileage at the rate of Rs 6.60 per km together with a monthly commuted allowance of Rs 3,260 in case the officer performs official travelling during the month;
- (d) passage benefits at the rate of 5% of annual salary drawn; and
- (e) refund of the full amount of annual subscription fee payable to the Council of Registered Professional Engineers of Mauritius.

VII. MODE OF APPLICATION

1. Qualified candidates should submit their application on **PSC Form 7** which may be obtained **either** from the Enquiry Counter of the Ministry of Public Service, Administrative and Institutional Reforms, Ground Floor, Emmanuel Anquetil Building, Port Louis **or** from the Enquiry Counter of the Public Service Commission, 7, Louis Pasteur Street, Forest Side **or** from the Chief Commissioner's Office, Port Mathurin, Rodrigues **or** from the offices of the Mauritius High Commissions/ Embassies overseas.
2. Candidates already in the service **should** submit their application in **duplicate**, the original to be sent directly to the Secretary, Public Service Commission and the duplicate through their respective Supervising Officer/Responsible Officer.
3. This advertisement together with the Application Form (PSC Form 7) are available on the website of the Public Service Commission at **<https://psc.govmu.org>**
4. Acknowledgement of applications will be made, as far as possible, by **e-mail**. Candidates are, therefore, advised to submit their e-mail address.
5. Candidates are also advised to read carefully the **“NOTES AND INSTRUCTIONS TO CANDIDATES”** before filling in the Application Form. Care should be taken to fill in the Application Form correctly. **Incomplete, inadequate or inaccurate filling of the Application Form may entail elimination of the candidate.**

VIII. CLOSING DATE

Application Forms should reach the Secretary, Public Service Commission, 7, Louis Pasteur Street, Forest Side, **not later than 15 00 hours (local time) on Thursday 21 April 2022.** Application Forms received after the specified closing date and time will **not** be considered.

Date: 01 April 2022

Public Service Commission,
7, Louis Pasteur Street,
FOREST SIDE.