INTERNAL AND EXTERNAL VACANCY RE-ADVERTISEMENT

ROLE SPECIFICATION
ENGINEERING MANAGER: ROAD NETWORK OPERATIONS

<table>
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<th>Role:</th>
<th>Engineering Manager: Road Network Operations</th>
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<td>Region:</td>
<td>Western Region: Cape Town</td>
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<td>Grade:</td>
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<td>Employment:</td>
<td>Permanent</td>
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ABOUT SANRAL:
The South African National Roads Agency SOC Limited (SANRAL) is an independent, statutory company registered in terms of the Companies Act. The South African government, represented by the Minister of Transport, is the sole shareholder and owner of SANRAL. The Agency has a distinct mandate – to finance, improve, manage and maintain the national road network (the ‘economic arteries’ of South Africa) and is committed to carrying out its mandate by protecting and preserving the environment through context-sensitive solutions.

The South African national road network consists of approximately 22 200km of roads. This network seamlessly connects major cities, towns and rural areas,
supporting economic growth and social development and immensely contributing to job creation in the country.

SANRAL adds value to all the developmental initiatives in the fields of transport, education, health, and development of communities. It revels in its role as partners in the development of all South African communities and sees this as closely aligned to its core function.

SANRAL makes a significant contribution towards road safety by maintaining and improving our road environment, and by identifying and addressing road safety concerns. The organisation also aligns itself with local and international road safety authorities in order to learn and improve the safety of all our road users.

**POSITION OBJECTIVE:**

To manage, maintain, protect and ensure the smooth operations of the South African National Road Agency’s road network (Western Region) of approximately 5000 kilometers, in respect of specific standards, policies and relevant legislation. This requires the efficient management of resources, time and budgets associated with projects on a macro and micro level.

The portfolio comprises the Project Management of Toll Projects, Freeway Management Systems, Incident Management Systems as well as Road Safety initiatives. It is essential to develop and maintain an excellent working relationships with internal and external stakeholders in order to ensure the required business results.
ACADEMIC QUALIFICATION AND EXPERIENCE

- BSc, BEng or B Tech Eng. Degree in Civil Engineering.
- Registration with the Engineering Council of South Africa (ECSA) as a Professional Engineer or Engineering Technologist or registered as a Professional with any other internationally recognized Engineering Council.
- A Management and/or a Post-Graduate qualification will be an added advantage.

WORKPLACE COMPETENCIES:
The successful incumbent must be able to effectively demonstrate the following:

- Extensive knowledge of relevant industry standards and specifications and relevant legislation.
- The ability to demonstrate attention to detail and solve problems in a timely manner.
- The ability to exhibit sound and accurate judgment and work well under pressure.
- The ability to manage a multidisciplinary department.
- Planning, organizing and high level of administrative skills
- Verbal and written skills.
- Negotiation and facilitation skills.
- Excellent Computer proficiency.

KEY RESPONSIBILITIES AND DUTIES:

Project Identification, Implementation and Management

- Ensure an acceptable level of service to our customers through effective identification, implementation and management of Projects and Contracts in order to achieve safe and optimal levels of service to our road users and stakeholders.

Financial Control and Contract Administration

- Ensure that the expenditure and contract administration are within approved budgets and conforms to financial, administrative and audit policies at expected and agreed limits.

Project and Procurement Management

- Manage Road Network Operations (RNO) Projects.
- Participates in the identification and prioritizing of RNO projects.
- Provide support to relevant Bid Committees and Procurement Officer.
- Based on requirements of the projects prepare annual budget and proposed programme.
• Participate / Assist in the evaluation of tenders and appointment of Service Providers.
• Prepare specifications and scope for tender documentation for appointment of Service Providers.
• Prepare specifications and scope for tender documentation, in conjunction with Service Providers, to appoint Contractors.
• Attends site inspections and brief Contractors on services required for project.
• Monitors performance of projects through regular meetings with Service Providers and Contractors.
• Conducts regular audits.
• Monitors financial performance to ensure the project remains within budget.
• Prepare monthly forecast of expenditure for projects.
• Verify payment certificates prior to approval for payment.
• Review scope of work and potential impact on the budget and request additional funds if necessary.
• Maintains good working relationships with colleagues in other regions and/or areas of expertise.
• Cultivates and maintains good working relationships with key stakeholders, consultants and contractors

Road Safety
• Implementation of Road Safety Audit Programmes.
• Develop and Implement Road Safety Assessment Programmes.
• Develop and Implement Hazardous Location Programmes
• Develop and Implement NMT infrastructure programs.

ITS
• Investigate, develop, enhance and Implement ITS applications projects on the SANRAL Road Network.

Toll Management:
• Monitoring of toll plaza revenue and traffic, including the Operations of the Huguenot Tunnel.
• Plaza assessment management and audits
• Toll plaza queue management
• Attend to toll related queries from public, media, tip-offs or auditors
• Interoperability deployments
• Ensure toll system compliance processes are in place
• Responsible for toll system relaxations/deviations
• Effect energy efficiency initiatives
• Conduct CTROM contract analysis

Specialist Support:
• Head up and/or actively participates in activities of relevant technical cluster.
• Provide expert opinion and recommends appropriate solutions when required.
• Share knowledge and experience with colleagues and subordinates

Management of Road Network Operations Department
• Manage the performance of staff and lead / mentor staff towards higher achievements

Communication Management
• Maintains good working relationships with all colleagues in all regions and areas of expertise.
• Cultivates and maintains good working relationships with key stakeholders, consultants and contractors.
• Ensure internal collaboration and co-operation.
• Promote aims and objectives of SANRAL.
EMPLOYMENT REFERENCE CHECKS

Employment reference checks are a requirement of SANRAL and forms part of the recruitment and selection process for all applicants on the shortlist for positions within SANRAL. In order for SANRAL to conduct these checks a consent form needs to be completed and signed by the applicant. As an applicant of this position, you authorize SANRAL to process all the information provided for the purpose of your application for the position as well as the verification and record keeping of such credentials.

Please note that this is a confidential document and is intended for internal use by SANRAL’s Human resources cluster only.

All applications received from SANRAL employees will be considered in conjunction with a concurrent search conducted by an Employment Agency on behalf of SANRAL.

EMPLOYMENT EQUITY

Appointments will be made in accordance with SANRAL’s Employment Equity plan.

SANRAL reserves the right not to fill any position

Closing date for applications: 28 February 2019

Please submit your CV to:

HR Department: Western Region
Attention: Phumeza Stofile
E-mail: RecruitmentWR@nra.co.za