

**CALL REQUESTING NOMINATIONS OF SUITABLE PERSONS TO BE APPOINTED TO SERVE AS MEMBERS OF A PANEL OF EXPERTS TO PROVIDE STRATEGIC AND TECHNICAL GUIDANCE TOWARDS EFFECTIVE MANAGEMENT OF SULPHUR DIOXIDE EMISSIONS FROM OLD PLANTS. THE PANEL OF EXPERTS WILL BE RESPONSIBLE TO LOOK AT THE TECHNICAL MATTERS ASSOCIATED WITH THE REQUIREMENTS POSED ON EXISTING PLANTS TO COMPLY WITH NEW PLANT STANDARDS FOR SO<sub>2</sub> BY 1 APRIL 2020 AND GIVE THE MINISTER AN INDEPENDENT EXPERT OPINION ON HOW TO HANDLE THIS MATTER.**

*Members of the public are invited to submit to the Minister, **within 30 days after the publication of this notice in the national newspaper**, written nominations of suitable persons to be appointed as Members of the above mentioned Panel of Experts. The following fields of speciality and qualifications are the requirements for Members to serve on the Panel:*

### 1. HEALTH PRACTITIONER

A Minimum of a Master's degree in Health related studies. A minimum of 7 years experience in health impact assessments. Knowledge and experience in carrying out health impact investigations in relation to air quality emissions. Experience in conducting studies and tests and collecting health data to inform the mechanisms for the reduction of atmospheric emissions. Experience in evaluating health impact assessments related to compliance with emission standards and policy options. Experience in evaluating the health impact of policies, strategies and initiatives in air quality emissions, particularly SO<sub>2</sub> emissions and their direct or indirect effect on health. Knowledge and experience in carrying out health impact assessments. Experience in carrying out investigations in relation to air quality emissions emanating from old plants. Experience in collecting and interpreting data to determine the potential health implications of policy implementation relating to SO<sub>2</sub> emissions. Knowledge in studying and monitoring health impact assessments and mitigation strategies within the chemical and/or energy industrial sectors. Registration with the relevant professional body.

### 2. ECONOMIST

A Minimum of a Master's degree in Economics/Developmental Studies. A minimum of 7 years experience in the application of economic principles and techniques to inform policy development and analysis. Experience in conducting cost benefit analysis on the effectiveness of the implementation of pollution prevention techniques. Experience in the formulation of government economic policies relating to environmental issues. Knowledge of how environmental policy and regulations interact with growth, trade, productivity and competitiveness. Experience in presenting economic and statistical concepts and results in effective ways to estimate the economic and environmental effects of changes in legislation or policy on government, the industry and society at large. Knowledge of estimating the effects of environmental legislation on the economy using economic instruments. Knowledge and/or experience in developing and applying economic models to analyse data and make appropriate deductions and inferences.

### 3. ENVIRONMENTAL SPECIALIST SCIENTIST

MSc in Environmental Science, Geosciences or Environmental Engineering. A minimum of 7 years experience in environmental management and pollution abatement. Experience in pollution prevention and control techniques. Knowledge of the Chemical and Energy Industries. Extensive understanding of chemistry as it relates to safety hazards, environmental impacts and mitigation strategies within the chemical and/or energy industrial sectors. Knowledge of evaluating and inspecting of industrial equipment and facilities related to contaminant emission capabilities. Knowledge and/or experience in pollution prevention and control techniques. Knowledge of industrial processes and techniques. Knowledge and experience in cleaner production and resource efficiency. Experience in providing high quality scientific services for site pollution abatement. Technical expertise in all matters to do with energy and environmental control will be an added advantage. Registration with the relevant professional body.

### 4. CHEMICAL/METALLURGICAL/MECHANICAL ENGINEER

MSc/MEng in Chemical, Metallurgical or Mechanical Engineering. A minimum of 7 years experience in industrial processes design and construction or operations. Experience in pollution prevention and control techniques. Understanding and experience in process engineering principles/industrial processes or design or operations. Extensive understanding of chemistry as it relates to safety hazards, environmental impacts and mitigation strategies within the chemical and/or energy industrial sectors. Knowledge of evaluating and inspecting of industrial equipment and facilities related to contaminant emission capabilities. Knowledge and experience in cleaner production and resource efficiency will be an added advantage. Knowledge in designing systems for improving existing processes and technical expertise in all matters to do with energy and environmental control. Experience in providing high quality engineering services for designing, construction or operation and maintenance of site pollution abatement systems. Registration with the Engineering Council of South Africa as a professional engineer.

#### A nomination of a suitable person must include the following:

- Curriculum vitae of the nominee with personal details, including postal and residential addresses and contact number of the nominee;
- Certified copies of both academic qualifications and identity document; and
- Acceptance letter from the nominee.

#### Written nominations must be submitted to the following addresses:

**By post to: The Director-General: Department of Environmental Affairs  
Attention: Mr Derrick Makhubele  
Private Bag X447  
Pretoria  
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**By hand at: Ground Floor (Reception), Environmental House, 473 Steve Biko Road, Arcadia, Pretoria.**



environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA