



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

TERMS OF REFERENCE:

APPOINTMENT OF SERVICE PROVIDER TO DELIVER THE ENGINEERING SYMPOSIUM

1. Purpose

The Directorate: Human Resources Development requires the appointment of accredited and credible service provider to deliver the Engineering Symposium.

2. Background

The Department of Public Works & Infrastructure has in line with the National Skills Development Act and Human Resources Development Strategy conducted a training needs analysis in Head Office for the current financial year to identify the training needs of the Units and developed a Training Plan for implementation of those needs.

Engineering Symposium was identified by two (02) officials in the Chief Directorate: Construction Project Management.

3. Expected Outcomes/ Deliverables

This symposiums will help the officials to share new ways of thinking as best practices in pursuit of excellence in profession.

4. The symposium should cover the following areas:

- The role of voluntary associations in enhancing the employability and professional positioning of engineering practitioners,
- Reframing engineering education for resilience, relevance, and sustainability,
- Reframing engineering practice through digital innovation and sustainable infrastructure,
- Reframing engineering skills pathways for work integrated learning and inclusive talent development,
- The Evolution of real time energy security in the South African context,
- Innovative data assessment, and
- Design and maintenance consideration.



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5. Duration of the convention

The symposium should be presented over a period of two (02) days.

6. Total number to be trained

Two (02) officials from Head Office are to attend the symposium.

7. Training venue

The training venue should be provided by the Service Provider.

8. Specific professional experience

The Service provider should be chosen for their training experience and have proven relevant experience in management and facilitation of the Engineering symposium. The service provider should provide a competent speakers for this conference.

9. Special Requirements

It is a requirements that all service providers facilitating any type of training must be registered/ accredited with the relevant Education Training Quality Assurance (ETQA) Body or Professional Body/Council and must submit a letter confirming accreditation/decision number.

10. All disbursements must be included within the cost per delegate.

11. Enquiries

All enquiries should be directed to:

Ms Tumelo Sibandze
Training and Development
(012) 406 1157



ENGINEERING SYMPOSIUM

Engineering for Sustainable Development: Empowering Innovation, Inclusion, and Impact

THE GALLERIA, SANDTON
25-26 March 2026

PROGRAMME

DAY 1: 25 MARCH 2026

CPD POINTS: 2 ECSA CREDITS

07h00 – 08h55 **Registration**

09h00 – 10h20 **SESSION 1: OPENING CEREMONY**

- Opening and Welcome – **Programme Director**
- Singing of the National Anthem
- Purpose of the Symposium – **Mr TC Madikane, Pr Eng:** President of the ECSA 7th Term Governing Council
- Significance of Partnership between ECSA and SAICE – **Professor Chris Roth, Pr Eng:** 2026 SAICE President
- Welcome Address – **Cllr Dada Morero:** Executive Mayor for City of Johannesburg
- Message of Support – **Dr Tsamba,** President of the Southern African Federation of African Organisation
- Introduction of the Deputy Minister – **Ms Amelia Mtshali, Pr Tech Eng** Chairperson of the Council for the Built Environment Board
- Keynote Address – **Mr Sihle Zikalala:** Deputy Minister for the Department of Public Works and Infrastructure

10:20 – 11:20 **Panel Discussion:** The Role of Voluntary Associations in Enhancing the Employability and Professional Positioning of Engineering Practitioners.

11:20 – 11:40 **Mid-morning Tea and Exhibition Showcase**

11:40 – 13:00 **SESSION 2: PARALLEL PANEL DISCUSSIONS**

- Reframing Engineering Education for Resilience, Relevance, and Sustainability
- Reframing Engineering Practice through Digital Innovation and Sustainable Infrastructure
- Reframing Engineering Skills Pathways for Work-Integrated Learning and Inclusive Talent Development
- Parallel Women in Engineering Programme

13h00 – 14h00 **Lunch and Exhibition Showcase**

14h00 – 15h30 **SESSION 3: PRESENTATIONS**

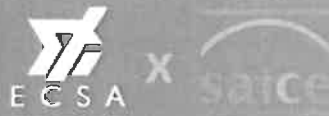
- The Evolution of Real-time Energy Security in the South African Power System
- Role of Agricultural Engineers in the Economy: A South African Context.
- Designing with Purpose: Human-Centered Approaches for Sustainable Engineering in South Africa

15h30 – 15h50 **Afternoon Tea Break**

15h50 – 17h00 **SESSION 4: PARALLEL PAPER SESSIONS**

- Innovative Data Assessment
- Design and Maintenance Considerations
- Future Thinking
- Clean Water and Sanitation

17h00 – 18h00 **Networking Cocktail**



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