



public works  
& infrastructure

Department:  
Public Works and Infrastructure  
**REPUBLIC OF SOUTH AFRICA**

## **TERMS OF REFERENCE:**

### **APPOINTMENT OF SERVICE PROVIDER TO DELIVER THE EDGE EXPERT ONLINE WORKSHOP**

#### **1. Purpose**

The Directorate: Human Resources Development requires the appointment of accredited and credible service provider to deliver the Online Edge Expert Programme.

#### **2. Background**

The Department of Public Works and 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 needs.

#### **3. Expected Outcomes/ Deliverables**

This workshop will equip the official with up to date content to refresh and strengthen the skills necessary to obtain or retain status as an Excellence in for Design for Greater Efficiencies (EDGE) Auditor or Auditor in Training.

##### **3.1 The workshop would cover the following modules:**

##### **Module 1: Introduction to Green Building Council South Africa (GBCSA) and Excellence in for Design for Greater Efficiencies (EDGE)**

- Recognise the GBCSA's purpose, vision and mission,
- Understanding the background and purpose of EDGE.

##### **Module 2: EDGE – The Vision**

- Define EDGE and understand the EDGE vision,
- Identify the use case and benefits of EDGE,
- Recognise how EDGE sets green building standards and,
- Understand an overview of the EDGE certification process.

##### **Model 3: Defining Green Design**

- Define green design and,
- Recall the basic characteristics of green building design.

#### **Model 4: EDGE Certification Methodologist, Resources and Expert Process**

- Explain how EDGE does calculations,
- Explain how EDGE creates base case buildings,
- Understand how users should utilise the EDGE software for support,
- Know how to access user guides for further support and,
- Identify and use a range of available resources to aid in developing yourself as an EDGE expert.

#### **Model 5: The EDGE Certification Process**

- Recall the aim and process of EDGE certification,
- Recognise each stage of the certification process,
- Identify the roles and responsibilities involved throughout the process and,
- Describe all documentation and submission procedures for EDGE certification.

#### **Model 6: EDGE Green Measures**

- Understand how demand is reduced by passive elements,
- Recognise how to reduce energy usage by systems,
- Identify when to reduce demand by supplying renewables,
- Identify key water efficiency measures and,
- Understand how to lower embodied energy through the efficient use of materials.

#### **4. Total number to be trained**

One (01) employee from Head Office is to attend the workshop.

#### **5. Certification**

The programme should enable the learner to be eligible to take the EDGE exam and provide Certificate of Competence.

#### **6. Training Dates**

The workshop should be presented over a period of one (01) day.

#### **7. Specific professional experience**

The Service provider should be chosen for their training experience and have proven relevant experience in management and facilitation of the Online Edge Expert workshop.



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**8. 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.

**9.** All disbursements must be included within the cost per employees.

**10. Enquiries**

All enquiries should be directed to:

**Ms Mikateko Mkhwanazi**  
**Training and Development**  
**(012) 406 1679**