



TERMS OF REFERENCE:

APPOINTMENT OF SERVICE PROVIDER TO DELIVER SPECIFICATION, INSPECTION & RESTORATION OF REINFORCED CONCRETE STRUCTURES COURSE

1. Purpose

The Directorate: Human Resources Development requires the appointment of accredited and credible service provider to deliver Specification, Inspection & Restoration of Reinforced Concrete Structures course.

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.

Specification, Inspection & Restoration of Reinforced Concrete Structures course was identified by three (03) officials in the Chief Directorate: Engineering Services.

3. Expected Outcomes/ Deliverables

The course will help the officials to have an understanding of concrete surface finishes to promote abrasion resistance and to also have the ability to identify aggressive materials that will be found in the structural environment and specify or build in protection mechanisms.

4. The course content should cover the following areas:

- Constituent materials for concrete and their effects, particularly cement extenders such as blast furnace slag or Pulverised fuel ash,
- Aggregates and their influence on shrinkage, elastic modulus, alkali aggregate,
- Properties of concrete in the plastic, green and hardened states and site operations in each state to prolong the life-span of concrete,
- Deterioration mechanism on hardened concrete,



- Detection and repair of concrete defects, and
- Repair of specific structural elements.

5. Duration of the course

The course should be presented over a period of five (05) days.

6. Total number to be trained

Three (03) officials from Head Office are to attend the course.

7. Certification

Learners should be awarded Certificate of Attendance upon successful completion of the course.

8. Training venue

The training venue should be provided by the Service Provider.

9. Training date

Training dates shall be determined by the appointed service provider.

10. Specific professional experience

The course facilitator should be chosen for their training experience and have proven relevant experience in management and facilitation of Specification, Inspection & Restoration of Reinforced Concrete Structures course. The service provider must provide a competent facilitator for this course.

11. 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.

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



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

13. Enquiries

All enquiries should be directed to:

Ms Tumelo Sibandze
Training and Development
(012) 406 1157