



NATIONAL POST CENTRE (NPC)/ HEAD OFFICE

TURNKEY FIRE SPRINKLER AND DETECTION SYSTEM

1. PREAMBLES

The National Post Centre (NPC) is South African Post Office headquarters situated in Tshwane, Cnr. Jeff Masemola & Sophie De Bruyn, accommodating all business units, subsidiary entities and tenancy that provides critical support, leadership, control and executive management to regional structures countrywide.

The Fire Sprinkler and Detection system require an urgent upgrade to comply with fire regulation SANS 10139, the National Building Regulation SANS 10-400 Part T, optimum performance to fulfil ASIB & FSIB insurance requirements.

The existing valve system is located at lower ground/ basement parking.

2. OBJECTIVE

The objective of the bid is to secure a turnkey solution from an experienced fire sprinkler and detection system service provider who is CIDB registered 6SF contractor in sprinkler and detection systems. Furthermore, the service provider must have a Professional ECSA engineer in good standing to assess, appraise, and specify the repairs/replacement/upgrades required to the system in order to obtain statutory & insurance bureaus approvals (i.e. ASIB & FSIB) on behalf of SAPO. The service provider must implement the repairs/replace/upgrade as assessed by their Engineer to ensure that the building is compliant with fire regulations as well as insuring that the building is ASIB & FSIB compliant.

The engineer from the service provider must be ECSA - Fire Protection System Practitioner (FPSP) registered for Fire Detection and Water Based Systems.

The turnkey solution must comprise of the following among other things;

- Engineer's system "as-built designs" & sign-off.
- Automatic Sprinkler Inspection Bureau (ASIB) & Fire System Inspection Bureau (FSIB) inspections.
- Obtain municipal fire approval certificate.
- Provisioning of a Health & Safety officer who is registered with the South African Council of the Project and Construction Management Professions (SACPCMP) during the implementation of the project.
- Provisioning of a Project Manager that is registered with the South African Council of the Project and Construction Management Professions (SACPCMP) during the implementation of the project.

3. LEGISLATIVE AND TECHNICAL REQUIREMENTS

3.1 The supplier must be in position of a valid CIDB registration and compliant with the Construction Industry Development Board minimum grade 6SF on the date of bid closing.

3.2 Fire detection and water based system ECSA registered engineer in good standing as an FPSP.

- 3.3** The service provider must fully comply with the National Building Regulation SANS 10-400 Part T, for associated work as prescribed by the engineer and the Occupational Health and Safety Act. 85 of 1993 as amended from time to time and any other relevant regulations and prescripts/ or acts.

4. SCOPE OF WORK

The scope of work required is as follows but not limited to, and subject to engineer's findings and remedial action:

- 4.1** Engineers 'AS-Built' Fire System Designs and sign-off.
- 4.2** Systems Appraisal and Technical documentation.
- 4.3** Automatic Sprinkler Inspection Bureau (ASIB) & Fire System Inspection Bureau (FSIB) inspections and certification.
- 4.4** Obtain municipal fire protection certificate.
- 4.5** Project must be completed within six (6) months.
- 4.6** 36 Months Maintenance service level agreement.
- 4.7** Provision of the Project & Occupational Health and Safety officer during the implementation of the project.
 - 4.7.1** Provisioning of a Health & Safety officer who is registered with the South African Council of the Project and Construction Management Professions (SACPCMP) during the implementation of the project.
 - 4.7.2** Provisioning of a Project Manager that is registered with the South African Council of the Project and Construction Management Professions (SACPCMP) during the implementation of the project
- 4.8** Project Management and implementation plan.
- 4.9** Repairs/replace/upgrade and/or modernize the fire sprinkler and detection systems to comply with legislative Fire Protection Systems.

BUILDING INFORMATION

Province	Gauteng
Building Designation	Head Office
Municipality	City of Tshwane
Town / City	Pretoria, CBD.
Building Name	National Post Centre (NPC)
Building Physical Address	Cnr. Jeff Masemola & Sophie De Bryun, Pretoria.
Property Description and Relevant Detail	<ul style="list-style-type: none"> ❖ Head Office. National Post Centre NPC ❖ 3 Storey Building Plus Basement/ Lower Level Parking ❖ The Following Key Information For Fire & Detection Systems: <ul style="list-style-type: none"> • 15000 m² • Basement/ Lower Ground Parking • Ground Floor • First Floor • Second Floor • Pump Room at Basement/ Parking Level • Ground Floor to Second Floor Sprinkler system above acoustic ceiling. • Sprinkler System at lower level/ Basement under coffered slab, exposed. • Fire Detection System at ground floor reception area.