

Fire Safety System Compliance Assessment and Survey Services – Tzaneen Depot

1. SCOPE OF WORK

1.1 BACKGROUND

The Petroleum Oil and Gas Corporation of South Africa (PetroSA) SOC Ltd. owns a bulk fuel depot in Tzaneen (erfs 459 and 460) having acquired it from BP in 2012. The fire safety infrastructure and system at the depot is largely dysfunctional. PetroSA also owns infrastructure that is located on adjacent erfs 457 and 458 - owner BF distributors. This infrastructure also needs to be protected in the event of an emergency (fire). Restoration and repair work is required to return the fire safety system to a fit for purpose condition thereby enabling compliance with SANS codes and municipal by-laws.

- **Ringmain(s)**

According to drawing TZA13002D500, there are two underground ringmains, one on each property owners erfs. The ringmains are not interconnected and supply water to the existing hydrants from municipal source. The reticulation of the ringmains is unknown and presents a challenge for PetroSA to carry out any sort of integrity testing, repairs or modifications.

1.2 SERVICES

Potential bidders are invited to tender and submit bids for development of as-built fire safety system site plans and drawings in order to achieve compliance. The bidder will be responsible to conduct assessment and deliver on all the above locations as part of the scope. The scope consists of two (2) parts Scope A and Scope B. Potential bides may tender for either or both scopes of work.

Scope A (SANS 10400 - A19 rational assessment):

- i. Conducting a site visit of the Tzaneen depot
- ii. Assessment of existing system and site(s) by an independent certified fire protection system practitioner (FPSP) as per requirements of SANS codes (10400, 10089, 10131 etc.)
- iii. Identification of gaps, providing recommendations to close gaps and achieving compliance
- iv. Co-ordination of discussions and meetings between PetroSA team, BF Distributors, Tzaneen municipal manager and fire chief
- v. Liaising with municipality and acquiring utility drawings for sites and erfs
- vi. Conducting risk/hazard assessments

- vii. Compiling, preparing and submitting plans as per requirements issued by municipal fire chief
- viii. Obtaining Flammable Liquid Storage certificate and Certificate of Occupancy

Scope B includes (GPR Survey and Drawings)

- a. Conducting surveys (GPR type) of both sites and all four erf (s) to determine reticulation plan of firewater ringmains and headers. Survey may extend on to adjacent erf(s) as there hydrants in the near vicinity and there is a common municipal supply
- b. Determining sizes of lines and identifying fittings, isolations, etc. on the below ground ringmains
- c. Preparing and/or updating as-built plans and drawings

1.3 COMPANY TO PROVIDE

PetroSA will provide access for personnel to depot, existing available drawings and information related to the fire safety system. The following documents will be provided to successful bidder.

Number	Title
-	Fire Safety Inspection Report
TZA13002D500	P&ID Fire-fighting Tzaneen Depot
-	Fire Fighting Equipment location Map
TZAQZ001D001	Site Plan
TZAQZ005D013	Overall Piping Plan
D81530-E10000	Hazardous Area Classification drawing
-	Municipal fire chief guidelines/checklist
J3570R-1	MHI Report

1.4 DELIVERABLES

Scope A

- i. Site visit report
- ii. Fire protection assessment reports

Scope B

- a. GPR Survey report and drawings
- b. As-built and updated (where applicable) site plans and drawings

General

- 1. Completion of forms and
- 2. Submissions to the municipal fire chief

3. Progress reports every week

1.5 WORKING HOURS

PetroSA expects the scope to be completed within Four 4 weeks including site visits from the date of award

1.6 DISBURSEMENTS

1. The Supplier shall make arrangements and settle all travel and accommodation requirements. PetroSA will reimburse the Supplier in accordance with the stipulations of this sub-clause.
2. Disbursements will be invoiced at cost with no mark-up.
3. Invoices for disbursements will have attached supporting documentation.
4. All travel arrangements to be approved by the PetroSA Project Manager prior to making arrangements for the trip.

1.7 CHANGES TO THE SCOPE OF SERVICES

The scope of the Services shall be subject to changes by additions, deletions or revisions thereto by PetroSA. The Supplier shall be advised of any such changes by written notification from PetroSA describing the change. The Supplier shall promptly perform and strictly comply with each such change when so instructed by PetroSA. Any extra services resulting from such changes will be charged at the Supplier's normal or agreed rates.

2. PRICE

2.1 PRICE SCHEDULE

DESCRIPTION	R/MONTH
Lumpsum	

2.2 PRICING BASIS

All rates and prices in this Agreement shall be fixed and firm for a period of one year from the date of commencement of this Agreement, and thereafter will be subject to an annual adjustment as per the Government Gazetted Sectorial Agreement. All price adjustment requests must be accompanied by supporting documentation and submitted to the

Procurement Consultant and must be negotiated 30 days before the effective date. If not concluded timeously, the annual adjustment will be forfeited.

2.3 VAT

All rates are exclusive of VAT. VAT at the rate applicable at the time of performing the relevant service is to be added to the total net amount shown on the tax invoice.