


**SPECIFICATION
DISPOSAL OF EXPIRED DETONATORS AND SUPPLY OF NEW
DETONATORS
TRANSNET ENGINEERING**

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1. Purpose of this document

To source a registered and competent service provider for supply of new detonators and safe disposal of expired detonators for Transnet Engineering (TE) over a period of five years.

2. Background & Need

Detonators are used at TE facilities to ensure safe operations on rail and line protection during train operations. Expired detonators need to be disposed safely according to the Explosive Management Act 15 of 2003.

2.1 Collection of Expired Detonators and Delivery of New Detonators

The service provider should have capacity to collect expired detonators and deliver new detonators to and from all identified Transnet Engineering sites as an when required for a period of five (5) years.

2.2 Service Delivery

Collection of the expired detonators and delivery of new detonators as an when required to be done as per Transnet Engineering businesses geographic locations provided below:

2.2.1. Geographical Locations and Quantities for Expired Disposal

#	Plant	Physical Address	GPS Coordinates
1	Koedoespoort	CNR Nico Smith and Steve Biko Road, Capital Park, Gauteng	GPS: S 25°43'18.4"E28°11'58.5
2	Durban	311 Solomon Mahlangu Drive, Kwazulu-Natal	GPS: - S 29° 54' 657" & E 30° 59' 580"
3	Germiston	Cnr Keswick and Stores Road, Germiston, Gauteng	GPS: -26.203627,28.171462
4	Uitenhage	Cuylor Manor Street Uitenhage, Eastern Cape	GPS:- 33.783618 254. 42625
5	Bloemfontein	Austen Road, Diesel Building Room 1, Beaconsfield, Northern Cape	GPS: 28.769649, 24.768844
6	Salt River	19 Voortrekker Road, Salt River, Western Cape	GPS: -33.92582, 18.46841

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3. Legal and Other Requirements

3.1. Legal requirements for disposal of expired detonators.

- Personnel responsible for destruction of expired detonators must be registered with the SAPS explosive unit as a destruction blaster for disposal of expired and obsolete detonators on an approved explosive demolishing Site after which a disposal permit / certificate should be issued.
- Service provider responsible for disposal of the expired detonators must apply for the Temporary Transportation Permit from the SAPS explosive unit to transport expired detonators from Transnet Engineering 6 (six) plants to the approved blasting site as per quantities provided on price item list.
- The disposal process must be done by open detonation method which means blow explosives.
- Acceptance of this bid could be subject to the condition that the Successful Respondent, its personnel providing the goods and its subcontractor(s) must obtain security clearance from the appropriate authorities to the level of CONFIDENTIAL/ SECRET/TOP SECRET.
- Obtaining the required clearance is the responsibility of the Successful Respondent. Acceptance of the bid is also subject to the condition that the Successful Respondent will implement all such security measures as the safe performance of the contract may require.

3.2. Legal requirements for procurement of new detonators.

- Service provider shall only supply detonators from a manufacturer who have obtained an explosive license as a dealer and submit the license as proof.
- Facilitate explosive permit application process on behalf of Transnet Engineering for the 6 (six) identified Transnet Engineering maintenance and services depots footprints for the use and transportation of explosives.

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- Larger quantities may only be transported in vehicles licensed in terms of the Explosives Act 15 of 2003 and National Road Traffic Act 93 of 1996 (Transportation of Dangerous Goods).
- Detonator safety data sheet to be provided upon delivery of new detonators.
- Service provider must transport detonators in vehicle licensed and registered with South African Police Service in terms of the Explosives Act 15 of 2003, National Road Traffic Act 93 of 1996 and other relevant South African Acts and regulations.

4. Description of Services Required

4.1. Disposal of Expired Detonators

- Expired detonators must be collected by a registered blaster at the TE plants as per geographic location on page 3 2.2.1.
- Detonators to be transported to an approved site for blasting or destruction.
- A certificate of safe disposal to be issued after disposal is done.

4.2. Supply of New detonators

- Supply new detonators (track signals) with the shell life of 2 years in case steel detonators and 5 years in case of plastic detonators. Detonators must be sealed in the manufacturer original packaging and must be labelled.
- Should new detonators be damaged upon delivery by the dealer or manufacturer, they will be returned, and a new supply should be done.
- Detonators to be in manufacturers original cannisters.

5. Deliverables

- Collect expired detonators for disposal and supply new detonators as per required quantities for a period of five years as an when required.

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6. Work Schedule

- Service providers must submit their proposals with a detailed project plan of the work to be undertaken as this will form part of the adjudication criteria.
- Project plan should also indicate time frames and be accompanied by a detailed budget breakdown per Transnet Engineering plant. The expected delivery date of collection of expired detonators will be discussed with a successful bidder.

7. Project Requirements

The Respondents must:

- **Clearly set out the proposed methodology for achieving the required objectives.** The detailed schedule/programme to be submitted with the proposal must include but not be limited to e.g.
 - Specific deliverable
 - key milestones.
 - time for the completion of the entire project.
- **Indicate the probable cost and time elements of their proposal.** The costs should be broken down per each Transnet Engineering site listed on Annexure 1.
- Submit an extensive company profile, providing details of similar or associated work done.
- Company profile must include all but not limited to basic detonator management requirements (safe storage, transportation, and safe disposal).

8. Adjudication Process

Transnet Engineering reserves the right to:

- Adjudicate proposals in terms of Transnet procurement procedures.
- To approve sub-contractors or joint venture partners. If deemed necessary, a short presentation and or interview may be required from candidates, for which adequate notice will be given.
- To cancel this project at any time.
- To decide to call for a second round of specific and detailed submissions should it deem appropriate.
- Not accept any proposal in part or in full.

9. Acceptance of Proposals

- Transnet Engineering does not bind itself to accept lowest cost proposal, nor will it furnish any details or enter any communication relating to the non-acceptance of any or all proposals.

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10. Agreement

- A formal agreement/contract will be concluded with the successful bidder as soon as the procurement process has been completed.

11. Penalties

- Penalties for the late completion of the work will be raised in accordance with Transnet Engineering's Service Agreement, which will be concluded with the successful bidder.

14. General

Prospective bidders / suppliers should submit the following additional documents with the tender response.

	Additional documents to be submitted with tender	Check Box
1	Submit a Company Profile including proof of previous relevant experience in line with the scope of work.	
2	The service provider must submit a detailed project plan/delivery schedule.	
3	The service provider must submit a minimum of five (5) references where the similar scope of work was rendered during the last five (5) years.	
4	Service provider responsible must submit blaster certificate for the personnel responsible for destruction	
5	Service provider must submit manufacturer licence	
6	Service provider must submit Permit for transportation of Detonators	

- Prospective Service Providers will complete all the necessary documents in full and must indicate whether their offer complies with each item of the specification.
- Should there be insufficient space for furnishing full details, Service Providers shall provide the additional details in their covering letter. The additional details shall be numbered in accordance with the applicable clause specified in the specification.

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- Prospective Service Providers are considered as experts in their field, they are obliged to identify any shortcomings, such as omissions or sub-standard requirements, to the completeness of this specification. These must be brought to the attention of Transnet Engineering at tendering stage with alternatives to address.

NB: Non-conformance (NCR) shall be issued by SHEQ department for non-conformance with the specification.

15. Price Item List -Supply of New Detonator as an when required for a period of five years:

Price List -Supply of New Detonators				
Plant	Location where Detonators will be Delivered	Quantities	Price per Item	Total Quantities Price
Koedoespoort	CNR Nico Smith and Steve Biko Road, Capital Park, Gauteng	400		
Durban	311 Solomon Mahlangu Drive, Kwazulu-Natal	340		
Germiston	Cnr Keswick and Stores Road, Germiston, Gauteng	200		
Uitenhage	Cuylor Manor Street Uitenhage, Eastern Cape	150		
Bloemfontein	Austen Road, Diesel Building Room 1, Beaconsfield, Northern Cape	120		
Salt River	19 Voortrekker Road, Salt River, Western Cape	100		
Total		1310		

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16. Price Item List -Disposal of Expired Detonators as an when required for a period of five years:

Price Item List -Disposal of Expired Detonators				
Plant	Location where Detonators where Detonators will be collected to be Transported to the Disposal site	Quantities	Price per Item	Total Quantities Price
Koedoespoort	CNR Nico Smith and Steve Biko Road, Capital Park, Gauteng	580		
Durban	311 Solomon Mahlangu Drive, Kwazulu-Natal	260		
Germiston	Cnr Keswick and Stores Road, Germiston, Gauteng	361		
Uitenhage	Cuylor Manor Street Uitenhage, Eastern Cape	130		
Bloemfontein	Austen Road, Diesel Building Room 1, Beaconsfield, Northern Cape	124		
Salt River	19 Voortrekker Road, Salt River, Western Cape	82		
Total		1537		

17. Bidder Specification sign off

Signature

Company name:

Position:

Date:

NB: Signing off this specification confirms that the bidder agrees with the requirements thereof.

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