

**SCM SUBMISSION: SPECIFICATION / SCOPE OF WORK**

PURPOSE OF SUBMISSION	To seek approval to appoint a Pest Control and Fumigation service provider to fumigate and pest control all PRASA Trains within South Gauteng Region (SGR)
DESCRIPTION OF GOODS / SERVICES / WORK	Provision of Pest control and fumigation
REQUEST FOR PROPOSAL NUMBER	
DIVISION	PRASACRES (SGR)
USER DEPARTMENT	FACILITIES DEPARTMENT
DATE SUBMITTED	04 May 2023

## **SPECIFICATION FOR FUMIGATION AND PEST CONTROL FOR ALL PRASA TRAINS ON AS AND WHEN BASIS**

### **1. DEFINITIONS AND INTERPRETATIONS**

**PRASA** – Passenger Rail Agency of South Africa

**PRASA CRES**- Passenger Rail Agency of South Africa-Corporate Real Estate Agent

**STATION PRECINCT**- all Trains within South Gauteng Region (PRASA CRES)

**CONTRACTOR**-the company appointed to carry out the Fumigation, disinfectant, and pest control for PRASA Trains

**BEE STATUS LEVEL OF CONTRIBUTOR**- Black Economic Empowerment as define in the BEE ACT

**BBBEE**- status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of the Broad Based Black Economic Empowerment

**BIDDER**-a person or a company with a written offer in a prescribed or stipulated form in response to an invitation by an organization for the provision of services, works or goods through price quotations, advertise competitive bidding processes.

**SUB-CONTRACT**- primary contractor's assigning, leasing, making out to, or employing another person to support such primary contractor in the execution of part of a project.

**CONTRACT**- Legal agreement with terms and conditions

**SLA**-Service level Agreement

### **2. THE PRIMARY OBJECTIVE OF THIS CONTRACT IS TO:**

- Procure services of FUMIGATION, DISFINTANT and PEST CONTROL for a period of 24 months
- To contract cost effect and professional FUMIGATION and PEST control services

- PRASA would like to appoint a Service Provider to provide Pest Control and Fumigation Services on an “**As and when Basis**” for all PRASA trains in around Braamfontein area to remove the targeted pest but not limited to the list below:
  - Rats
  - Mosquitos
  - Ants
  - Cockroaches
  - Rodents

The contractor is expected to submit a fumigation or pest control certificate for the area where services has been rendered and **Portfolio of Evidence of the work done.**

It remains the responsibility of the service provider to clean and remove all dead rodents, insects after each treatment and dispose them to relevant waste bins. Under no circumstances should the area where the service was rendered be left untidy.

Some of PRASA trains operate 24/7 and the appointed service provider is expected to avail him/herself to render the service whenever the call is made especially on emergency basis such as death in the coaches, visibility of cockroaches, Mosquitos attack or any related incidents.

## **PRASA GENERAL CONDITIONS OF PURCHASE**

### **General**

PRASA and the Supplier enter an order/contract on these conditions to supply the items (goods/services/works) as described in the order/contract.

### **Conditions**

These conditions form the basis of the contract between PRASA and the Supplier. Notwithstanding anything to the contrary in any document issued or sent by the Supplier, these conditions apply except as expressly agreed in writing by PRASA. No servant or agent of PRASA has authority to vary these conditions orally. These general conditions of purchase are subject to such further special conditions as may be prescribed in writing by PRASA in the order/contract.

### **Price and payment**

The price or rates for the items stated in the order/contract may include an amount for price adjustment, which is calculated in accordance with the formula stated in the order/contract. The Supplier will be paid in South African Currency and Payment to the

Supplier in the SA does not exceed the amounts stated in the order/contract. PRASA pays for the item within 30 days of receipt of the Suppliers correct tax invoice.

### **Rejection**

If the Supplier fails to comply with his obligations under the order/contract, PRASA may reject any part of the service by giving written notice to the Supplier specifying the reason for rejection and whether and within what period replacement of items or re-work are required. In the case of service, the Supplier corrects non-conformances as indicated by PRASA.

### **Warranty**

Without prejudice to any other rights of PRASA under these conditions, the Supplier warrants that the items are in accordance with PRASA's requirements and fit for the purpose for which they are intended and will remain free from pest for a period of week (unless another period is stated in the Order) from acceptance of the items by PRASA.

### **Indemnity**

The Supplier indemnifies PRASA against all actions, suits, claims, demands, costs, charges, and expenses arising in connection therewith arising from the negligence, infringement of intellectual or legal rights or breach of statutory duty of the Supplier, his subcontractors, agents, or servants, or from the Supplier's defective design, materials, or workmanship.

The Supplier indemnifies PRASA against claims, proceedings, compensation, and costs payable arising out of infringement by the Supplier of the rights of others, except an infringement which arose out of the use by the Supplier of things provided by PRASA.

### **Assignment and subcontracting**

The Supplier may not assign or subcontract any part of this order/contract without the written consent of PRASA.

### **Termination**

PRASA may terminate the order/contract at any time (without prejudice to any right of action or remedy which has accrued or thereafter accrues to PRASA

### **Governing law**

The order/contract is governed by the law of the Republic of South Africa and the parties hereby submit to the nonexclusive jurisdiction of the South African courts.

### **Fumigation and Pest controlling**

The service provider will be expected to render a comprehensive Pest Control service on a Weekly basis from a control and maintenance perspective that will render PRASA free of any pest control challenges. The Pest Control Service entails the following:

Weekly treatment for Rodents, Cockroaches, Flies, Spiders, Fleas, Ants, Bugs & Moths etc. on a quarterly basis on all PRASA TRAINS and the exterior rail lines.

Unplanned pest invasions will be treated as chargeable ad-hoc service requests during the duration of the agreement, of which the contractor will make additional inspections and treatments to re- establish control.

### Compliance and risk

The supplier will only be appointed based on submission of Pest Control Officer certificate. Services providers that do not submit the certified copies of PCO will not be considered for adjudication.

### 3. Tasks

DESCRIPTION	NOTE
The successful Service Provider shall furnish all supervision, labour, materials, and equipment necessary to accomplish the monitoring, trapping, pesticide application, and pest removal components.	
The Service Provider shall also provide detailed, site-specifics recommendations for structural and procedural modifications to aid in pest prevention.	
<b>PESTS INCLUDED AND EXCLUDED</b>	
The Service Provider shall adequately eradicate the following Pests:	
<ul style="list-style-type: none"> <li>Indoor population of rodents, ants, cockroaches, dust, paper mites and spider webs; and</li> </ul>	
<ul style="list-style-type: none"> <li>Individuals of all excluded pest populations that the incidental invaders inside the specified coaches, including winged termite swarmer's emerging indoor, bees, wasps, etc.</li> </ul>	ADHOC BASIS
<b>PEST VULNERABLE AREARS</b>	
<p>The following arears in all the trains must be treated:</p> <ul style="list-style-type: none"> <li>Dinning cars, entrances / foyers, toilets, kitchens, staff eating areas, change rooms including lockers rooms and luggage vans.</li> <li>Coach stores rooms.</li> <li>Passages.</li> <li>All cabin offices and common arears.</li> <li>Rail tracks until and maintenance lines where trains are staged.</li> </ul>	
<b>PROPOSED MATERIAL AND EQUIPMENT</b>	<b>NOTE</b>

The Service Provider shall provide current labels and Material Safety Data Sheets for all pesticides to be used, and brand names of pesticide application equipment, rodent bait boxes, insect and rodent trapping devices, pest monitoring devices, pest detection equipment, and any other pest control devices or equipment that may be used to provide services	
<b>DESCRIPTION NOTED</b>	
<b>PROPOSED METHODS FOR MONITORING AND DETECTION</b>	
The Service Provider shall describe methods and procedures to be used for identifying sites of pest harbourage and access, and for making objective assessments of pest population levels throughout the term of the contract especially under the train seats	

<b>SERVICE SCHEDULE FOR TRAINS AND THE YARD</b>	<b>NOTE</b>
The Service Provider shall provide complete service schedules which shall indicate frequency of Service Provider visits, specific day(s) of the week of the service Prover visits, and approximate duration of each visit.	

<b>DESCRIPTION OF ANY STRUCTURAL OR OPERATIONAL CHANGES THAT WILL FACILITATE THE PEST CONTROL ERADICATION</b>	<b>NOTE</b>
The Service Provider shall describe site-specific solutions for observed sources of pest food, water, harbourage, and access.	

<b>QUALIFIED PEST CONTROL OFFICERS</b>	<b>NOTE</b>
The Service Provider shall provide photocopies of qualifications from accredited institution and registrations of their pest control officers with the Department of Agriculture for every Service Provider employee who will be performing on-site service under this contract.	
<b>RECORD KEEPING</b>	<b>NOTE</b>
The Service Provider shall be responsible for maintaining a pest control logbook of file for each site.	

These records shall be handed to CRES Risk department upon completion of pest control service.	
<b>PEST CONTROL PLAN</b>	<b>NOTE</b>
A copy of the Service Provider's approved Pest Control Plan, including labels and MSDS sheets for all pesticides used in the building or site, brand names of all pest control devices and equipment used in the building, and the Service Provider's service schedule for the building.	
<b>MANNER AND TIME TO CONDUCT SERVICES</b>	<b>NOTE</b>
Time frame of Service Visits:	
The Service Provider shall perform routine pest control services that do not adversely affect employee / tenant health or productivity during operation at sites.	
When it is necessary to perform work outside of the regularly scheduled service time set forth in the Pest Control Plan, the Service Provider shall notify the CRES at least week in advance.	
The service visits must be scheduled at the following times: <ul style="list-style-type: none"> <li>• : Service visits to start at 07h30 -15h30</li> <li>• : Service times to start at (special request) and ad hoc basis</li> </ul>	
<b>OCCUPATIONAL HEALTH AND SAFETY</b>	<b>NOTE</b>
The Service Provider shall observe all safety precautions throughout the performance of this contract.	
All work shall be in strict accordance with all applicable Occupational Health & Safety Regulations. And shall provide an Occupational Health and Safety Plan.	
The Service Provider shall assume full responsibility and liability for compliance with all applicable regulations pertaining to the health and safety of personnel during the execution of work.	
The Service Provider shall be responsible for compilation of a Site File which will include all Statutory and Management information for the management of the contracted service.	
<b>SPECIAL ENTRANCE</b>	<b>NOTE</b>
Certain coaches within may require special instructions for persons entering them.	
Any restriction associated with these special areas will be explained by the PRASA Official.	
The Service Provider shall adhere to these restrictions and incorporate them into the Pest Control Plan.	

All Service Providers shall determine the need for and provide any personal protection items required for the safe performance of work.	
Protection clothing, equipment and devices shall, as a minimum, conform to Occupational Health & Safety Regulations standards for the products being used.	

SERVICE PROVIDER PERSONNEL	NOTE
Throughout the term of this contract, all Service provider Personnel providing on-site pest control service must adhere to all regulations prescribed by the Department of Agriculture, specifically Act 36 of 1947 related to Pest Control.	
<b>The Service Provider should be able to confirm the following:</b>	
Certificates with accredited institution for all personnel providing service	
Their pest control officers are certified and registered with the Department of Agriculture.	
<b>NOTE: Failure to do so, could lead to termination of the contract</b>	

USE OF PESTICIDES	NOTE
The Service Provider shall be responsible for application of pesticides according to the label.	
All pesticides used by the Service Provider must be registered with the Department of Agriculture as stipulated by Act No. 36 of 1947.	
Transport, handling, and use of all pesticides shall be in strict accordance with the manufacturer's label instructions and all applicable local laws and regulations.	
The Service Provider shall adhere to the following rules for pesticide use :	
<b>Approved Products</b>	
The Service Provider shall not apply any pesticide product that has not been included in the Pest Control Plan or approved in writing by a PRASA representative.	
<b>Pest register</b>	
A product data sheet must be submitted for every product used and brought on site.	

#### 4. Chemical usage



**PRASA specifically requires the usage of the following chemicals.**

<b>Chemical Name</b>	<b>Active ingredient</b>	<b>Reg No.</b>	<b>Dilution rate</b>	<b>Pests treated</b>	<b>Noted</b>
Maxtor	Bifenthrin	L8793	100ml/5l	Flies, fleas CR's, mosquitoes. Bedbugs, ants	
Coopex Dust	Permethrin	L4587	N/A	CR's, flies, ants	
Crackdown	Deltamethrin	L4584	Light 40ml/5l  Heavy 80ml/5l	Flies, fish moths, CR's mosquitoes, bedbugs, ants	
Alphathrin	Alpha cypermetrin	L7850	100ml/5l	Flies, fish moths, CR's mosquitoes, bedbugs, ants	
Grain Bait	Difethialone	L5657	N/A	Rodent  Control	
Killem Fly Bait	Methomyl	L4578	250g/5l	Fly control, scatter bait or dilute and spray	
K-Othrine EC 15	Deltamethrin	L5411	CR's 50ml/5l  Fleas 100ml/5l	Flies, fleas, CR's, mosquitoes, bedbugs, ants	

Larvakill	Diflubenzuron	L6119	N/A	Fly larvae	
Maxforce Ant Granules	Hydramethylnon	L5658	N/A	Ants	
Maxforce Gel	Hydramethylnon	L4911	N/A	Cockroaches	
Neopybuthrin	Permethrin	L4582	N/A	Flogging solution, flies, fleas, CR's, mosquitoes, bedbugs, ants	
PCO Flushing Agent	Pyrethrin	L4970	N/A	Cockroach nest identification	
Racumin Bait	Coumatetralyl	L597	N/A	Rodent control	
Racumin Liquid	Coumatetralyl	L2799	N/A	Rodent Control	
Racumin T. Powder	Coumatetralyl	L2800	N/A	Rodent Control	
Responser EW	Cyfluthrin	L3174	Light 40ml/5l Heavy 80ml/5l	Flies, fleas, CR's, mosquitoes, bedbugs, ants	
Tempo SC	Betacyfluthrin	L4544	Light 10ml/5l Heavy		

			20ml/5l		
<b>NOTE: Should a bidder offer any alternative product to the above specified products, a full description (product data sheet), and the reason for recommending the alternative product as well as the environmental impact of the product is to be supplied as an Annexure to the original bid.</b>					

Description	NOTE
<b>Pesticides Storage</b>	
The Service Provider shall not store any pesticide product in the our building during the contract period	
<b>Application by Need</b>	
Pesticide application shall be according to need/Emergency and not by schedule.	
As a rule, application of pesticides in any inside or outside area shall not occur unless visual inspection or monitoring devices indicate the presence of pests in that specific area.	
Written approval must be granted by the PRASA official prior to any preventive pesticide application;	
<b>Minimization of Risk</b>	
When pesticide use is necessary, the Service Provider shall employ the least hazardous material, most precise application technique, and minimum quantity of pesticide necessary to achieve control.	
<b>INSECT CONTROL</b>	
<b>Emphasis on on-Pesticide Methods</b>	
The Service Provider shall use non-pesticides methods of control wherever possible. For example: Portable vacuums rather than pesticide sprays shall be the standard method for initial cleanouts of cockroach infestations, for swarming (winged) ants and termites, and for control of spiders in webs.	
Trapping devices rather than pesticide sprays shall be the standard method for indoor fly control.	
<b>Description</b>	<b>NOTE</b>
<b>Monitoring</b>	
Sticky traps shall be used to guide and evaluation indoor insect control efforts wherever necessary.	

RODENT CONTROL	NOTE
<b>Trapping</b>	

As a rule, rodent control in the yard shall be accomplished with trapping devices only.	
All such devices shall be concealed out of the general view and in protected areas so as not to be affected by routine cleaning and other operations.	
Trapping devices shall be checked on a schedule approved by the PRASA official.	
The Service Provider shall be responsible for disposing of all trapped rodent carcasses in an appropriate manner.	
<b>Use of Rodenticides</b>	
In exceptional circumstances, when rodenticides are deemed essential for adequate rodent control inside trains, the Service Provider shall obtain approval of the PRASA official prior to making any interior rodenticide treatment.	
All rodenticides, regardless of packaging, shall be placed either in locations not accessible to children, pets, wildlife, and domestic animals. As a rule, rodenticide application outside buildings shall emphasize the direct treatment of rodent burrows wherever feasible.	

#### 5. Trains to be fumigated.

Train sets	Train Routes	Coach size	No of coaches
<b>71010</b>	Johannesburg to Cape Town	10x4 meters	Approximately 16 coaches
<b>74013</b>	Johannesburg to East London	10x4 meters	16
<b>71008</b>	Johannesburg to Cape Town	10x4 meters	16
<b>73011</b>	Johannesburg to Port Elizabeth	10x4 meters	16
<b>74013</b>	Johannesburg to East London	10x4 meters	16
<b>76009</b>	Johannesburg to Durban	10x4 meters	16
<b>78091</b>	Johannesburg to Komatipoort	10x4 meters	16

<b>74013</b>	Johannesburg to East London	10x4 meters	16
<b>71008</b>	Johannesburg to Cape town	10x4 meters	16
<b>73011</b>	Johannesburg to Port Elizabeth	10x4 meters	16
<b>76009</b>	Johannesburg to Komatipoort	10x4 meters	16
<b>71008</b>	Johannesburg to Cape Town	10x4 meters	16
<b>73011</b>	Johannesburg to Port Elizabeth	10x4 meters	16
<b>74013</b>	Johannesburg to East London	10x4 meters	16
<b>76009</b>	Johannesburg to Durban	10x4 meters	16

#### **Metro Trains in SGR**

<b>Train sets</b>	<b>Train Routes</b>	<b>Coach size</b>	<b>No of coaches</b>
<b>Vereeniging Train sets</b>	Vereeniging to Union	10x4 meters	Approximately 12 coaches
<b>Naledi train sets</b>	Naledi to Johannesburg	10x4 meters	Approximately 12 coaches
<b>Elandsfontein trains</b>	Elandsfontein to Germiston	10x4 meters	Approximately 12 coaches

**NB:** A set working schedule will be made available to the successful bidder that clearly indicates the arrival and departure time of all train sets however, that is subject to change due to the nature and requirements of PRASA operations and the sets are not only limited to MLPS sets but also Metrorail sets. This is just a guideline for running service trains however, services may be increased or decreased depending on customer demands.

#### **6.REQUIREMENTS**

**Certificate of Safety officer**

**Certificate of Pest Control Officer**

## **7.CANCELLATION**

PRASA CRES reserves the right to cancel the contract or any part of the contract at any time in the event of poor service delivery on the service provider or any breach of contract.

### **SCHEDULE OF RATES**

DESCRIPTION		
The rate provided below must include <b>provision of FUMIGATION and PEST CONTROL</b> (as per the specification).		
	Rate per square meter	R
	VAT	R
	Total	R