

LIVE ARTILLERY AND SURVEILLANCE DEMONSTRATION
ALKANTPAN TEST RANGE, COPPERTON, NORTHERN CAPE
15 – 17 AUGUST 2023

~~~~~CONFIDENTIAL!!~~~~~

---



## **LIVE ARTILLERY AND SURVEILLANCE DEMONSTRATION**

---

DESIGN, FABRICATION, CONSTRUCTION, INSTALLATION, DISMANTLING AND REMOVAL OF

**EVENT DATES: 15 – 17 August 2023**

ALKANTPAN TEST RANGE a DIVISION OF ARMSCOR SOC LTD

LOCATION: Numerous within Alkantpan Test Range

**DESIGN AND CONSTRUCTION BRIEF**

**LIVE ARTILLERY AND SURVEILLANCE DEMONSTRATION**  
ALKANTPAN TEST RANGE, COPPERTON, NORTHERN CAPE  
15 – 17 AUGUST 2023

~~~~~CONFIDENTIAL!!~~~~~

ABOUT DENEL SOC LTD

Denel is a State-Owned commercially driven Company (SOC) and provides innovative defence, security, aerospace and related technology solutions. Denel is a strategic partner to the South African National Defence Force (SANDF) and its capabilities include defence, aerospace and advanced manufacturing. Denel's defence capabilities date back to more than 70 years, when its first manufacturing plants were established.

As a major supplier of Unmanned Aerial Vehicle (UAV) systems, Denel is respected for developing and producing some of the most rugged and reliable tactical UAV surveillance systems in the world.

Denel also has design, development, engineering and integration capabilities allowing it to offer advanced precision-guided missiles, combat systems, turrets, infantry weapons, including long-range mortars, a comprehensive range of small, medium and large calibre ammunition, a range of armoured vehicles and aerospace systems. It also offers aircraft MRO, technical training, mine clearing, contraband detection and multi-purpose testing facilities.

ABOUT THE EVENT

Denel is demonstrating the capability of two of its flagship products, namely the T5- 52 155mm Truck-mounted Gun Howitzer and Seeker 400 Unmanned Aerial System. Witness to this capability demonstration is some high-level military service Chiefs from nine countries around the world. In addition Denel has also invited local high-level military service Chiefs and industry.

This is a live demonstration spanning three days.

Events of this nature normally places a lot of emphasis on client-interaction during the event, and calls for entertainment and hospitality during breaks and after-hours. The latter therefore necessitates the installation of suitable venues and facilities to host these kinds of events.

Running parallel with the actual live demonstration, Denel will also have a static display of some of its products.

THEME

"Showcasing the Pinnacle of South Africa's Aerospace, Defence and Related Technology Solutions!"

OBJECTIVES OF THE DEMONSTRATION

~~~~~CONFIDENTIAL!!~~~~~

---

- ✓ To rebuild and strengthen relationships with customers and stakeholders.
- ✓ To reposition the Denel Brand to the local and foreign targeted markets.
- ✓ To maximise on the benefits of marketing Denel capabilities to our key markets in the Middle East, Asia, Europe and South America on local ground.
- ✓ To showcase and demonstrate our flagship products

## **KEY MESSAGES**

- An innovative and reliable supplier of strategic defence and security products and services to local and international markets
- A high-tech company that leads in new technology and advance manufacturing capabilities
- A global leader in the design, development and manufacturing of top-quality defence products and services
- A customer-centric company with world-class products and solutions

All proposals must be accompanied by coloured perspective views (images) of the proposed works

All marquee structures shall be of similar colours – white, grey or blue

All installed marquee structures should be inspected by a relevant authority / structural engineer and a fitness / compliance certificate issued

This document calls for a full turnkey solution based on the following scope of work, and objectives as outlined above.

.

## **MAIN INFRASTRUCTURE:**

1. Viewing Pavilion Marquee 1 (suitable to accommodate 250 people seated)

(This unit should be supplied on rental basis)

- Install suitable roofed marquee with overhead covering
- Install viewing pavilion with staggered decent chairs / seats with safety passages

**LIVE ARTILLERY AND SURVEILLANCE DEMONSTRATION**  
ALKANTPAN TEST RANGE, COPPERTON, NORTHERN CAPE  
15 – 17 AUGUST 2023

~~~~~CONFIDENTIAL!!~~~~~

-
- Install perimeter fencing/barricading between the pavilion and firing point
 - Make provision for wheelchair access
 - Install flooring where required
 - Apply suitable design elements across the structure

2. Viewing Pavilion Marquee 2 (suitable to accommodate 250 people seated)

(This unit should be supplied on rental basis)

- Install suitable roofed marquee with overhead covering
- Install viewing pavilion with staggered decent chairs / seats with safety passages
- Install perimeter fencing between the pavilion and runway take-off strip
- Make provision for wheelchair access
- Install flooring where required
- Apply suitable design elements across the structure

3. Hospitality/Dining Lounge Marquee (suitable to accommodate 250 people seated)

(This unit should be supplied on a rental basis)

- Install a solid freestanding framed roofed Chateau or “Party Marquee Tent” with translucent sides to allow just the right amount of sunlight through
- Install a platform to create solid level flooring with floor covering, dependent on what flooring is proposed
- Install a Reception Counter
- Install a bar area with all necessary fittings and wall-mounted shelves and sufficient number of barstools
- Supply bar-type glass-front refrigerators
- Install a band-stage with suitable lighting and dance floor
- Install a lounging area with sofas and accessories
- Supply sufficient number of round tables and chairs for sit-down meals
- Chairs must have the necessary chair-covers to match the décor
- Install cooling and heating units

LIVE ARTILLERY AND SURVEILLANCE DEMONSTRATION
ALKANTPAN TEST RANGE, COPPERTON, NORTHERN CAPE
15 – 17 AUGUST 2023

~~~~~CONFIDENTIAL!!~~~~~

- Install any other accessories, fittings and elements befitting of a VIP hospitality/dining lounge

Once completed, this unit will have the appearance or illusion of a permanent structure, with solid design elements and fittings both indoors and outdoors, such as, but not limited to, classy furnishings, lighting, chandeliers, exceptional décor, proper flooring. This unit will ooze class and elegance.

4. Catering Marquee (Size TBD, but sufficient for food preparation)

(This unit should be supplied on a rental basis)

- Install a solid freestanding framed roofed Chateau or “Party Marquee Tent” with translucent sides to allow just the right amount of sunlight through
- Install a platform to create solid level flooring with floor covering, dependent on what flooring is proposed
- Install sufficient number of food preparation counters and shelves / work areas
- Install 2 x medium to large sized refrigerators
- Install a wash-up area with sink and running water
- Any other accessory needed for this area

5. Registration Hub Marquee (location TBA)

(This unit should be supplied on a rental basis)

- Please propose a conference-type registration system, complete with the printing and dispensing of name-badges
- Install a marquee/tent with solid flooring and counters and AC outlets
- Marquee/tent size approximately 3 x 6m

6. VIP Holding Area Marquee 1 (approx. 24 square meters)

(This unit should be supplied on a rental basis)

- Install a platform to create solid level flooring with floor covering, dependent on what flooring is proposed
- Office layout with desk and chairs, coat hanger, dustbin
- Easy chairs / sofas to accommodate at least six people
- Install a serving area for hot and cold beverage offering, complete with AC outlets

**LIVE ARTILLERY AND SURVEILLANCE DEMONSTRATION**  
ALKANTPAN TEST RANGE, COPPERTON, NORTHERN CAPE  
15 – 17 AUGUST 2023

~~~~~CONFIDENTIAL!!~~~~~

- This must be an enclosed area with lockable door

7. VIP Holding Area Marquee 2 (approx. 24 square meters)

(This unit should be supplied on a rental basis)

- Install a platform to create solid level flooring with floor covering, dependent on what flooring is proposed
- Office layout with desk and chairs, coat hanger, dustbin
- Easy chairs / sofas to accommodate at least six people
- Install a serving area for hot and cold beverage offering, complete with AC outlets
- This must be an enclosed area with lockable door

8. Indoor Static Display Marquee

(This unit should be supplied on a rental basis)

- Install a solid freestanding framed roofed Chateau or “Party Marquee Tent” with translucent sides to allow just the right amount of sunlight through
- Rectangular shaped, size approximately 100 square meters
- Install a platform to create solid level flooring with floor covering, dependent on what flooring is proposed
- Install a 16 square meter office, fully furnished with boardroom table, 65” LED Monitor and other essential accessories
- Install a Reception Counter with logo insert and 65 inch LED Monitor
- Denel will provide the display plinths (light grey colour, timber)
- Install 5 x freestanding graphic walls (to be re-usable and be owned by Denel post-event), preferably backlit light-box type graphic murals with a minimum height of 1,8 meters. Layout and design will be the responsibility of the successful bidder – Denel will provide the images
- Supply 3 x 65” LED monitors to be placed at the different display areas

Once completed, this unit will have the appearance or illusion of a permanent structure, with solid design elements and fittings both indoors and outdoors, such as, but not limited to, classy furnishings, lighting, chandeliers, exceptional décor, proper flooring. This unit will ooze class and elegance.

9. Outdoor Static Display Marquee

LIVE ARTILLERY AND SURVEILLANCE DEMONSTRATION
ALKANTPAN TEST RANGE, COPPERTON, NORTHERN CAPE
15 – 17 AUGUST 2023

~~~~~CONFIDENTIAL!!~~~~~

---

Products on display:

- RG41 Wheeled Armored Combat Vehicle - L 778 x W 280 x H 238cm
  - RG32M Mortar Launcher - L 533 X W 218 X H 250 (top of turret)
  - G5 LEO Towed Gun Howitzer
  - Seeker 400 UAV – L600 x Wingspan 1000 x H 75cm
- Supply 3 x freestanding spec-boards (layout and design of the specs will be the responsibility of the successful bidder, Denel will provide the spec text)
  - Subtle barricading recommended
  - Create some outdoor design elements, including a branding overhead bulkhead

10. VIP Luxury Flush Toilet Units

Supply 10 x rental units, complete with constant cleaning and maintenance service throughout the day and event

11. Event and Branding Banners

Make provision for at least 6 x large size outdoor canvas banners (approx. 3 x 6m). Also provide for the design and printing thereof. Detail to follow.

12. Flag-posts and country flags (foreign and RSA and Company)

Supply and install 20 x outdoor flag-posts with country flags TBA

13. Bulkhead Branding and other ad-hoc branding

The Denel branding will be conspicuous and eye-catching, and light-boxes, where possible, are recommended for this purpose.

Main Identity towers should be installed where applicable, e.g. at the entrance of the some of the structures.

14. Big Screen outdoors

Supply and install 1x HD giant outdoor screen/video wall that is visible from the pavilion at the Firing Point for live streaming from the actual launch pad (to be negotiated with Range management)

**DESIGN OBJECTIVES and END-RESULT:**

**LIVE ARTILLERY AND SURVEILLANCE DEMONSTRATION**  
ALKANTPAN TEST RANGE, COPPERTON, NORTHERN CAPE  
15 – 17 AUGUST 2023

~~~~~CONFIDENTIAL!!~~~~~

- Host a successful demonstration which will be supported by well-designed and imposing infrastructure
- To develop a look and feel befitting of a high-tech international supplier of defence equipment
- To apply the design across all interior and exterior elements, including fixed fittings and loose furnishings, creating a distinct and consistent style that ensures instant recognition and ease of reference to the DENEL brand
- Develop a functional layout, with specific consideration of the products within the space – must be able to view product all the way around – openness and lightness
- Products to be visible from the external environment
- Create comfortable interaction zones such as VIP Holding Rooms, Office, Viewing Pavilion, Hospitality Hall, Registration area and Indoor and Outdoor static display areas
- In the DENEL environment you will get a feeling of structure, process, flow, direction and function whilst simultaneously being invigorated through the subtle accents of the Corporate Blue and ad-hoc applications of Silver / Grey, thereby creating a coherent environment
- The graphic walls (light-boxes) will act as a drawing card into the world of DENEL, creating a sample version of the products on display
- Once the potential users enter the DENEL stand they must be at the mercy of the brand, being reinforced throughout the stand; subtly, directly, indirectly, subconsciously and visually
- The design and its elements (display plinths, wall graphics) will appeal to a variety of tastes and will be dynamic so as to draw attention to the products on display
- Clear clean surfaces and modern finishes will provide the ideal neutral setting from which to display products; whilst conveying elegance, superiority and quality

END OF BRIEF